

BUILT HERITAGE THROUGH SOCIAL MEDIA

Value-based research and redesign in the neighborhood of São Francisco, Faro, Portugal

Summary

This booklet consists of three chapters:

1. REVEALING BUILT HERITAGE THROUGH SOCIAL MEDIA

In this chapter, written together with two other member of this graduation studio: Krist van Herck and Emisgul Sahin, research is done into the values conveyed by facade attributes in São Francisco, Faro, Portugal, which will lay the foundations for a redesign on a specific plot in the neighborhood.

2. REDESIGNING BUILT HERITAGE THROUGH SOCIAL MEDIA

In this chapter the process of designing will be explained chronologically and connections to the research of the previous chapter will be discussed.

3. REVIEWING BUILT HERITAGE THROUGH SOCIAL MEDIA

In this chapter will serve as a reflection where the final design will be tested against the same parameters set in the first chapter revealing if the method followed for the redesign had a positive influence on the values connected to the facades.

CHAPTER 1

**REVEALING BUILT HERITAGE
THROUGH SOCIAL MEDIA**

Comparing attributes and values conveyed by locals and tourists in Faro, Portugal

Cultural Significance Survey Paper

Cultural Significance Survey Paper

Technical University of Delft,
The Netherlands

Master Architecture
Studio

Msc 3-4
Heritage & Architecture
Revitalizing Heritage: Faro Convention Labs
2022-2023

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ABSTRACT | Society conveys values to cities and their buildings, the key to sustainability, only in part recognized as heritage values, when protected by urban and/or heritage planning. There is a growing recognition of the importance of acknowledging the values conveyed by locals and tourists in heritage management and urban planning. However, the knowledge and tools available today remain predominantly expert-based. Their contribution to heritage listings and conservation plans is therefore limited. Moreover, some cities tend to unbalance locals and tourists' needs, leading to overly touristic areas, gentrification and communities' exodus. Although research on the values conveyed to cities and buildings is growing, there is seldom research comparing them. Hence, how do the attributes and values of Faro's heritage conveyed by locals and tourists set the frame for transformation? This research aims to reveal the cultural significance (values and attributes) conveyed by locals and tourists, taking the neighborhood São Francisco (included in an Urban Rehabilitation Area) in Faro, Portugal, as case study. And will provide a masterplan as a visualisation of the results gathered by this research. The guidelines provided by the masterplan address the current challenges of the neighbourhood further than the actual policies in place. By using multiple methods to perform spatial analysis, which includes (1) photographing, mapping and categorization of the facades and their attributes in São Francisco, and, (2) social media analysis, where hundred Instagram posts were manually collected following strict guidelines, heritage attributes could be identified. (3) Public engagement was used in the site survey game in which pictures of the attributes would be shown to locals and tourists who would connect predefined words to them in order to collect the heritage values. By following these methods, this research aims at revealing patterns and relations between: a) attributes, in particular, buildings' facades and their characteristics and b) values (distinguishing local and tourists). After the fieldwork, results showed clear concurrences and contradictions between both communities. Results revealed low values for contemporary apartment complexes and higher values for pre-existing typologies in both groups. Furthermore, attributes such as the street art, the materialisation of facades, and the authenticity of attributes developed into design guidelines for a masterplan in which these relations are portrayed. By understanding these relations, the Municipality of Faro can improve their awareness of who values what, and why, in order to support their strategies about how to accommodate new functions in historic buildings while respecting the limits of acceptable change of built heritage according to these stakeholders. Hence, the expected impact is to raise awareness about the cultural significance of both societal groups in order to better inform heritage management and urban sustainable planning.

Keywords | *cultural significance, urban rehabilitation, building attributes, tourism, São Francisco - Faro*

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References

1. Introduction

Our world has been globalizing at an accelerated pace in recent decades. Due to this phenomenon, local attributes are fading away and being replaced by more and more generic features, which can be found almost everywhere on the globe. As a result, cities are becoming more difficult to distinguish, geographically or culturally (Pacescu and Thiery, 2015). Urbanization is a phenomenon that has occurred more and more over the last centuries. The United Nations has predicted that 86% of the developed world will be urbanized by 2050 (Merry, 2017).

European Environment Agency (2006) concluded that, from the 17 European countries included in their research, Portugal had the largest increase of artificial surfaces within the 10-km coastal zone between 1990 and 2000. This is the zone where most urban areas of Portugal are located. This increase of artificial surface was the greatest in the Algarve region in the south of Portugal (Freire, 2009).

Part of this urbanization can be explained by the increase of tourism in the Algarve region. This has become an industry on its own in the past decades and asks for more facilities which need to be built, hence, the further increase of artificial surfaces (De Jesus, 2012). This brings added pressure on the housing market in Faro to a level where housing is becoming unaffordable for the local community as owners try to monetise their property as much as possible (Alves, 2019)

Also, this new floating population also brings new sets of values to the area. Where in the past the values of the locals were most important, now the values of the tourists are becoming part of the question. Faro is in the touristic crossroads that many touristic cities face at some point: lacking a response for conveying what is valued both by locals and tourists. These values are often not the same. Therefore, the importance of finding a model which can provide a more democratic understanding of issues and opportunities that the industry brings to a city such as Faro.

In 2005 Faro hosted what is now called the Faro Convention. A Council of Europe convention that emphasizes the importance of heritage in relation to human rights and democracy. It encourages people to recognize that buildings listed as cultural heritage are important for varied reasons, including the meaning that people attach to them and the values that they represent that make them important (Tarrafa, Pereira Roders, 2012; Fairclough et al., 2015).

The municipality of Faro has the goal of making the city a destination that focuses on cultural, gastronomical and heritage related tourism. This can serve as a case study for other Mediterranean cities in a similar situation (De Jesus, 2012).

A building facade is assumed to portray the city's image. Facades are essential in historical cities because they represent a country in tourism, through brochures, social media, and postcards, illustrating different city districts (Askaria, Dolaa & Soltanib, 2014).

Even if research has been developing in the field of cultural significance, seldom are the theoretical frameworks that include attributes and values, as well as, their definitions. This research applies the theoretical framework by Tarrafa Silva and Pereira Roders (2012) and Veldpaus (2015) to further identify and determine the values (why is it important) people connect to attributes (what is important).

Colomer (2021) reflects on the gap between research and practice. Accordingly, 'What is needed are new ways of entering into dialogue on the basis of the wishes and inspirations of the public regarding what they value most strongly and consider as their heritage and regarding their deepest understanding of what the human experience should involve.' As such, rather than developing new methods that can be used for research, actual participation is needed in order to develop a more democratic way of dealing with heritage.

Social media as a cultural expression contains information that previously was not available and now sheds a whole new light on the opinions regarding heritage. Giaccardi (2012) describes participatory culture nowadays and takes social media as a framework on how heritage is experienced. The methods for revealing the cultural significance of urban heritage through the social media analysis applied in this research developed from research by Ginzarly, Pereira Roders and Teller, 2021, Foroughi et al, 2022 and Bai et al, date. This phenomenon is taken into account as part of a cultural expression showing what is most valued by the amount of interactions it gets. The amount of data produced every day can be testimony of values.

By revealing the cultural significance and how they differ in attributes and values, between locals and tourists, the results can then be compared to set the frame for future transformation by answering what is valued, how it is valued and what to redesign. By understanding these relations, the Municipality of Faro can be aware of who values what, and why, in order to support their strategy in how to accommodate new functions in historic buildings while respecting the limits of acceptable change of these stakeholders. The expected impact is to raise awareness about the cultural significance in order to better inform heritage management and urban planning for greater sustainability.

São Francisco was chosen because this neighbourhood is facing patterns of fast urbanization, is close to the city center and is also included in an urban rehabilitation area proposed by the municipality of Faro (figure 1). This neighborhood contains a number of buildings with historic value of which some are vacant and is therefore the perfect area to conduct this research and serve as an example.

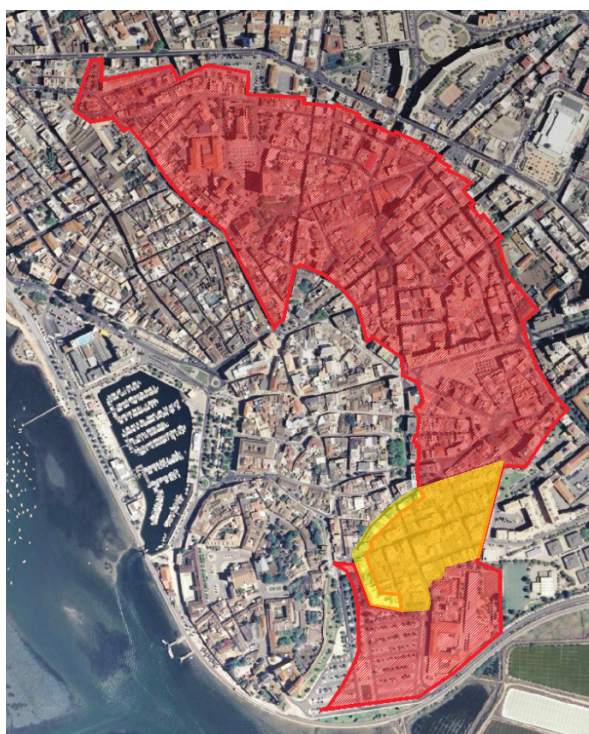


Figure 1. Historical zone with São Francisco (yellow),
retrieved from <https://www.cm-faro.pt/pt/Default.aspx>

In this given context a question arises:

How do the attributes and values of Faro's heritage in São Francisco, Faro, conveyed by locals and tourists, set the frame for a new masterplan?

This paper reveals the cultural significance (values and attributes) of Faro's buildings, conveyed by both locals and tourists, to better set the frame for transformation in São Francisco, further detailed in a masterplan. In particular, a survey was conducted to reveal the values of different attributes, within the building facade (attributes) of the buildings in this neighbourhoods.

1. *What are the attributes and values conveyed by locals and tourists through social media?*
2. *How are the attributes of the façades valued by the locals and tourists?*
3. *How do the values on these attributes root the redesign guidelines?*

2. Methodology

This research applied three methods, integrating social media analysis, fieldwork in the neighborhood of São Francisco and a site survey game. The first set of data was collected through the manual analysis of social media posts on Instagram regarding the city of Faro in which the occurrence of attributes being posted were counted. The second set of data was collected through the analysis of pictures taken of specific attributes from the facades in the São Francisco neighborhood. The result of the analysis from social media along with the collection of attribute information in the area gave place to the game O jogo de palavras (The word game) which was part of the methodology used to analyze value among locals and tourists. In this game locals and tourists would value specific attributes through the selection of predefined words which show their personal opinions connected to values.

For this research firstly, hundred social media posts were found on Instagram using the most popular hashtags: #tourismodefaro #faroalgarve #faroportugal, and following up with other hashtags such as #visitfaro #farocity #faroldtown #faroportugalpt #farotourism, found used in the first posts. Second, the posts were manually structured and classified by role (locals and tourists), location, caption, hashtags and season. The amount of posts to analyze (hundred) was defined to enable in-depth analysis.

The inclusion/exclusion criteria were the following:

- reference to the built environment, excluding posts on e.g. beach, food or advertisements for local companies.
- dated between January 2021 and April 2022.
- equal number from each season (spring, autumn, winter, summer) to diversify the range of tourists.

The research team is aware that results might be affected by its context, considering the Covid-19 pandemic in 2021, and slow recovery of the tourism industry in 2022.

Secondly, the architectural attributes of the building façades are being analyzed and mapped through field research. By knowing the typologies and categorizing the pictures taken in the fieldwork, the following step was using these categories combined with the social media analysis to obtain the base for “O jogo de palavras”. The pictures used for the game are also fed into the attribute-value matrix.

The third part was the O jogo de palavras. By asking the two different target groups: locals and tourists, it is possible to investigate if there is a difference between people that are in the city for a short period and people who live in the city.

The size of the sample was determined by the time frame from the fieldwork. This time frame consisted of the participation days that enabled us to have a sample of 45 tourists and 45 locals. The amount of time spent in each game took approximately 10 minutes and some exceptional cases a bit longer.

The steps for the game, once the subject is accepted to participate, were divided in 3: Introduction to the game, explanation of the game mechanic and playing time consisting of showing the ten pictures one by one and letting the questioner connect at least two of the hashtags to the picture.

In the serious game, the locals and tourists would combine the hashtags with facade attributes found in the facade analysis from the fieldwork and the manual social media analysis. Each hashtag is linked with one or multiple values, after the game each survey was analyzed and translated into values based on Tarrafa's and Pereira Roders' research (2012).

By looking for differences, things that both groups have in common or stand out, these results will then be translated into text using the dictionary definitions of the hashtags which can be found in (Appendix 1). As a result, the game-result graphs and attribute-value matrix were filled with opinions and values from both groups. From this, conclusions surrounding attributes and values from São Francisco were made. By connecting these attributes to each facade in the neighborhood, organizing them into categories and color coding them accordingly to illustrate the value score that each plot acquired after the analysis, a masterplan has been set up. These scores will turn into the design guidelines for the masterplan of São Francisco. The masterplan will take into account the results from fieldwork in order to have a set of guidelines regarding; building heights, facade conservation, street art and opportunities for further development in the neighborhood.

3. Result

3.1 SOCIAL MEDIA

The cultural significance, conveyed to Faro, through social media is broader than the architectural attributes on building facades. When focusing on these attributes, the posts could be organised into a table where all the social media posts were analysed and displayed, which can be seen in appendix 2. This table categorises the posts according to the following criteria: origin (local or tourist), hashtag of origin, posted picture, location, nationality of origin, caption, translated caption, source language of the caption, hashtags used, attribute, post date, post season and link to the post.

From all posts selected the attributes were extracted from the posted picture itself, the caption and the hashtags. By counting all the attributes extracted, i.e. doors, the percentages that fed into the game were based on facts (Table 2).

Attribute	Count	Percentage	Percentage into Game
building detail	14	13,21%	10%
building	28	26,42%	20%
street	15	14,15%	10%
streetart	4	3,77%	10%
street accessoire	3	2,83%	10%
city view	5	4,72%	combined with streetview
tiles	10	9,43%	10%
door	15	14,15%	20%
greenery	8	7,55%	10%
windows	4	3,77%	10%

Table 2: Social media analysis attribute count.

3.2 O JOGO DE PALAVRAS

To gather the information linking attributes and values, a card game was implemented departing from the manual analysis of social media. Pictures from the fieldwork analysis were used in this game following the percentages of the occurrence of certain attributes in the social media analysis. The pictures and their location in the São Francisco neighbourhood can be seen in figure 2.

The words, sometimes referred to as hashtags, used in the game, are based on the value chart made in the research of Tarrafa and Pereira Roders (2012). Per value two, sometimes three, hashtags were defined which were not descriptive but showed the opinions or ideas about the attributes. These hashtags are: pride, memories, expensive, cheap, affordable, legal, illegal, typical, authentic, beautiful, ugly, classic, innovative, aged, modern, sustainable and healthy. In appendix 1 the definitions of the hashtags show why and how they are connected to these values.

In total there were three sets which include the seventeen predefined words and some blank cards to offer the possibility for the questionee to write their own hashtags. Also, each set contained a different set of pictures. The idea behind the game was to make it as simple and engaging as possible but short in terms of time for it to be practical in the sense that the shorter it was, the broader the sample could be.

As the words that questionee's connected to the attributes showed opinions, the results of this game underline certain preferences when it comes to architectural attributes. Results were gathered in two formats. The attribute value matrix (figure 3) and the game-result graphs (figure 4) which are based on the data in the game-result table (appendix 3). The dictionary definitions of each one of the hashtags used in the analysis (appendix 1) provide a clearer understanding of the opinion of both tourists and locals. All results will be discussed in the rest of this chapter

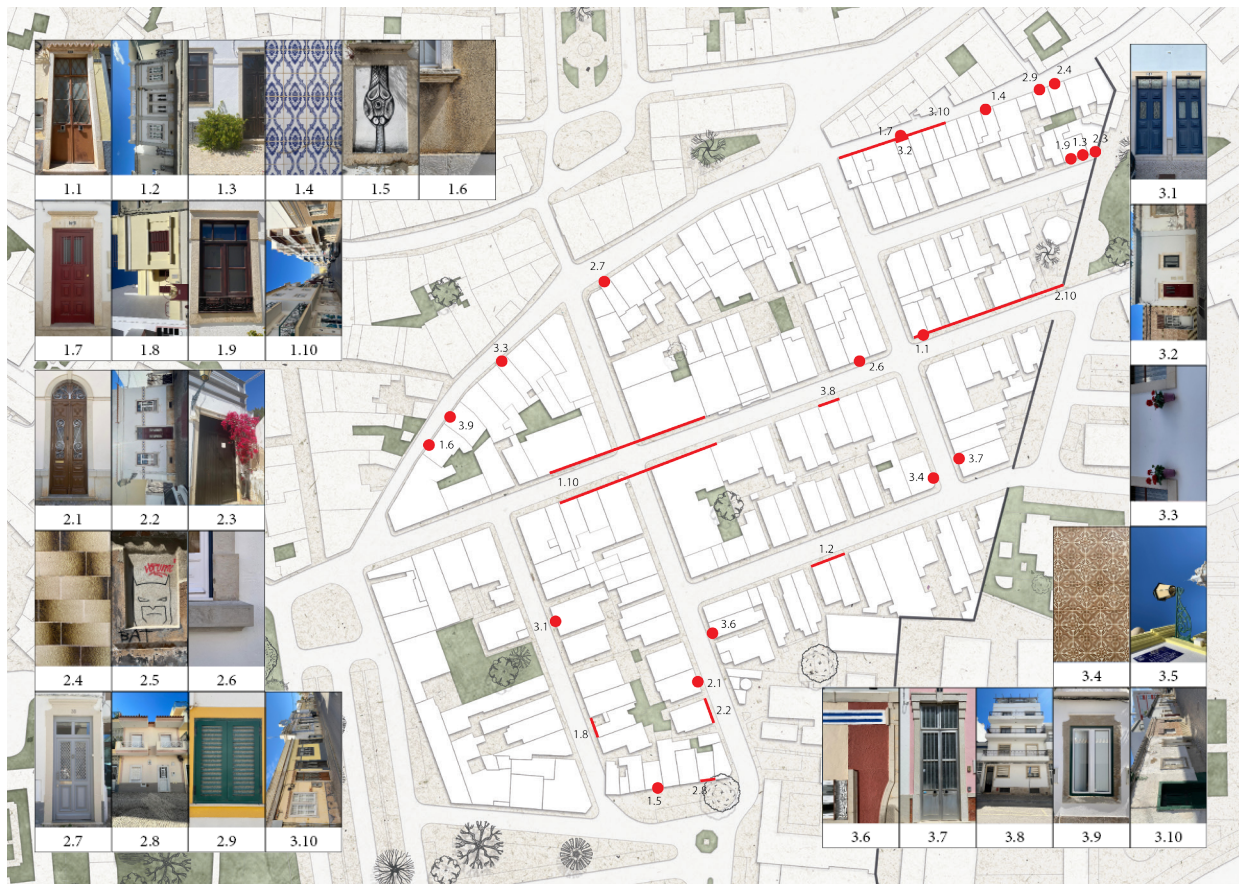


Figure 2. Picture location map,

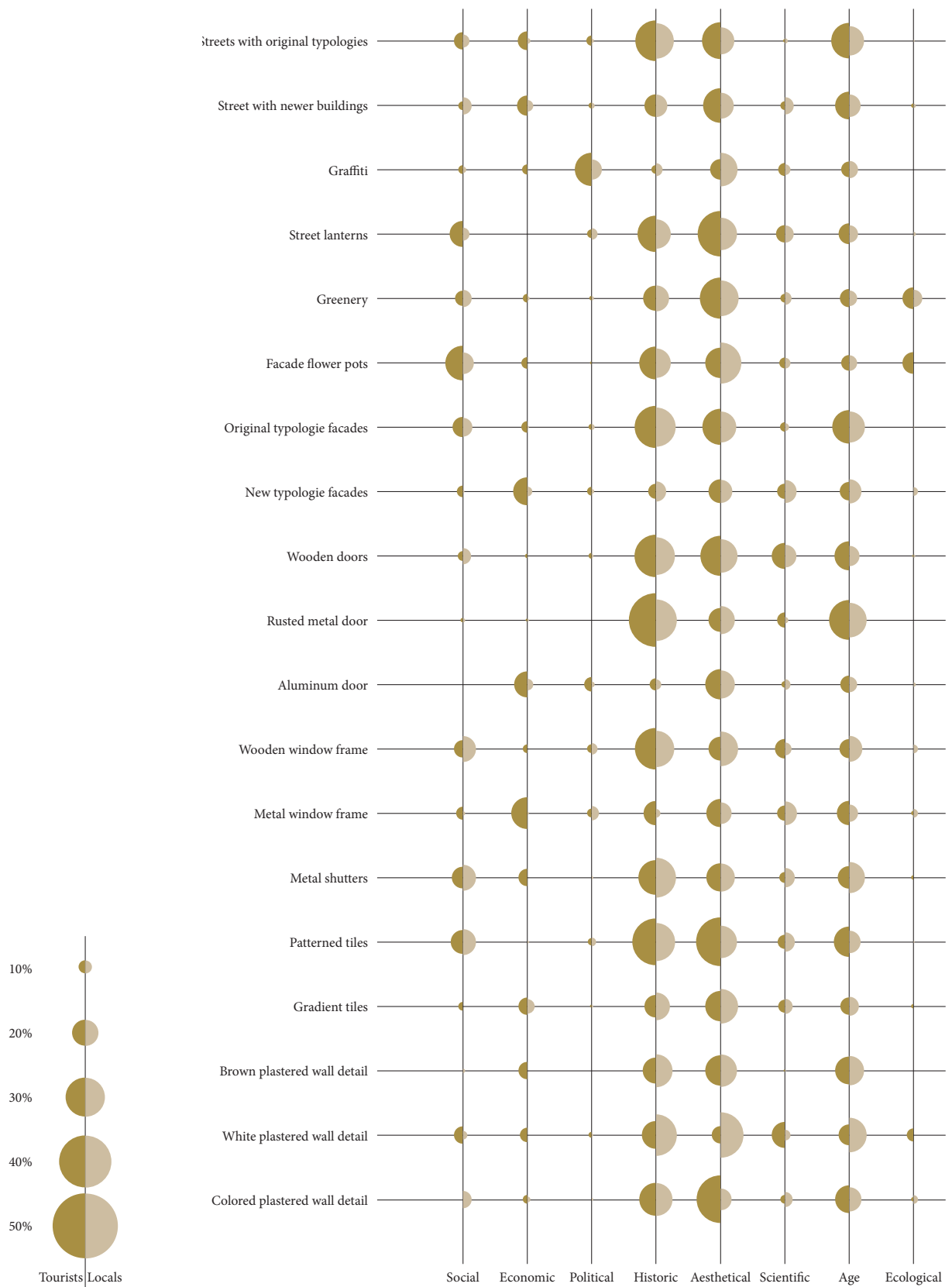


Figure 3. Attribute value matrix,

3.2.1 ATTRIBUTE-VALUE MATRIX

The matrix (figure 3) shows some relevant agreements and discrepancies. Shown in the lighter color is the way locals value and in dark the tourist. The agreements and disagreements show a different perspective on how heritage is valued and perceived from two very different points of view. Per value the information was extracted from the matrix and table which will be discussed in the following paragraphs.

Figure 3 shows that social values are seldom conveyed to the selected attributes by both locals and tourists. Figure 4 shows more or less the same amount of pride and memories was conveyed to the attributes by both locals and tourists.

In figure 3 there can be seen that the tourist group focused more on the economical values of the attributes than locals did. Also figure 4 shows that mainly the hashtags 'cheap' and 'affordable' have been chosen by locals and tourists showing the groups interest.

According to figure 3 there is a very low valuation on legality/ illegality of the attributes for tourists and locals. The political values only appear in the attribute graffiti.

The historic value is one of the two most conveyed values in this area as seen in Figure 3. Tourists focused on it slightly more than the locals. Building detail attributes are the exception to this, locals focused more on the historic value of these attributes than the tourists did, shown in figure 4

As shown in figure 3 the aesthetic value is the other one of the two most perceived values in São Francisco by both locals and tourists. Figure 4 shows that again building detail attributes are the exception to this, locals focused more on the historic value of these attributes than the tourists did.

A low valuation on the scientific values can be found for both target groups, as seen in figure 3

Figure 3 shows that both groups agree that low maintained attributes are generally conveyed as aged. Figure 4 exhibits that the older typology facades are conveyed as more aged by both groups than the newer typology facades.

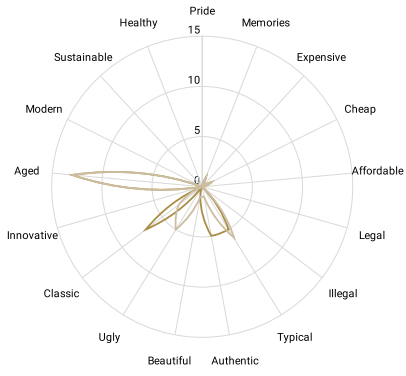
There is a very low valuation on the ecology of the attributes for tourists and locals as seen in figure 3. This value only appears in the attributes including facade greenery.

The low evaluation on values does not imply lack of a value on attributes, another explanation could be that the focus of the questionee or the research was not on them.

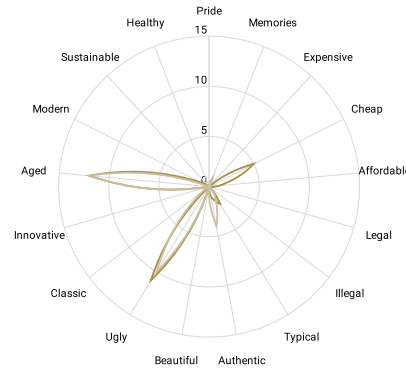
Figure 4. Game-result graphs,



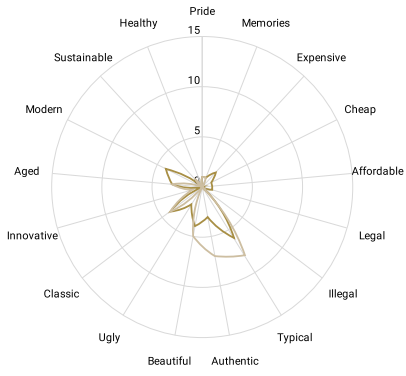
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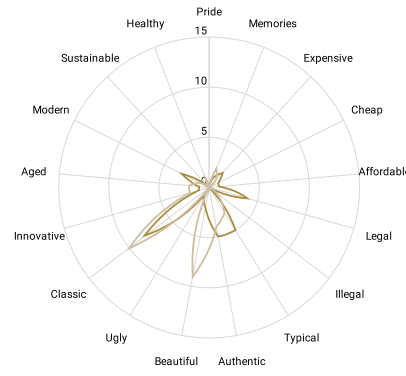
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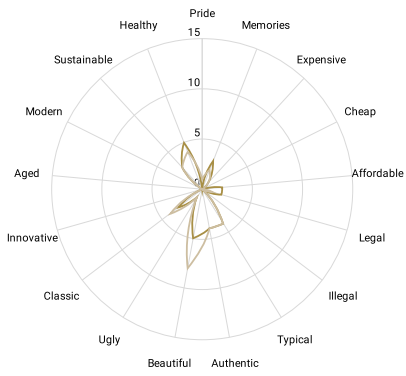
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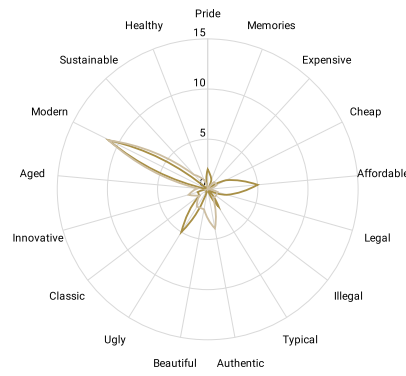
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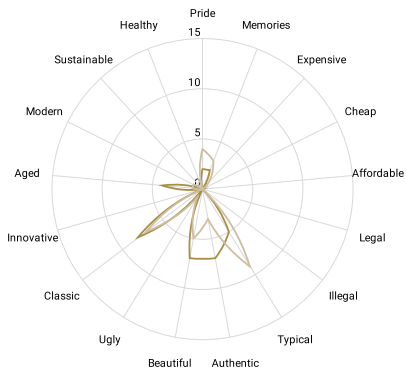
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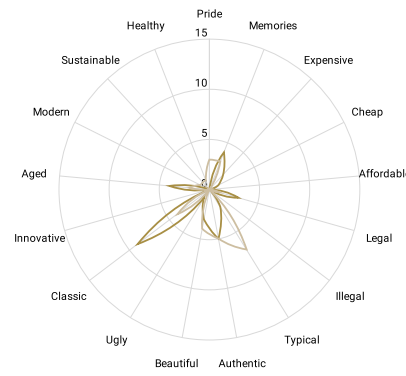
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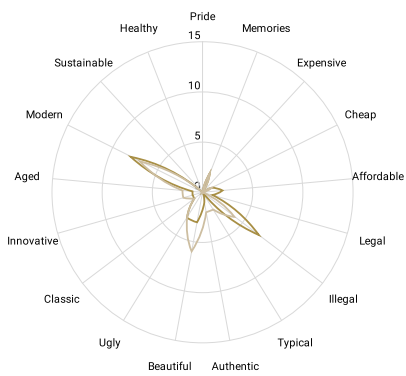
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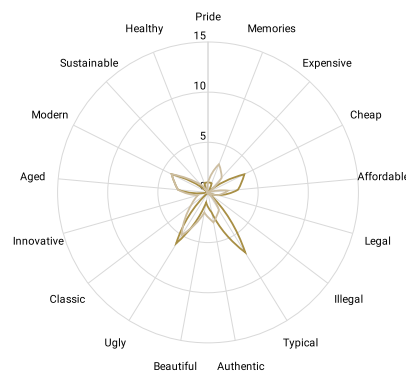
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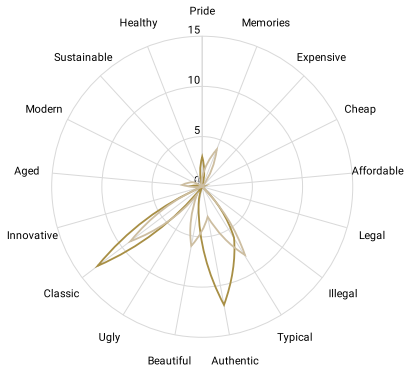


Tourist (Dark)
Locals (Light)

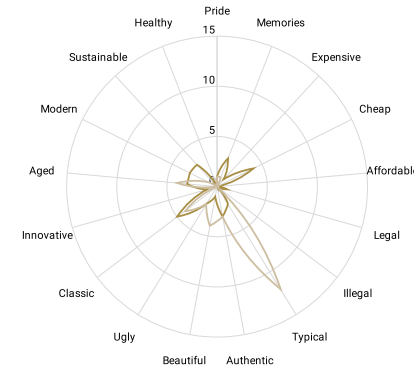
Figure 4. Game-result graphs,



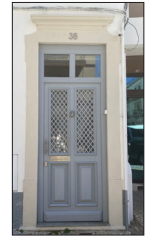
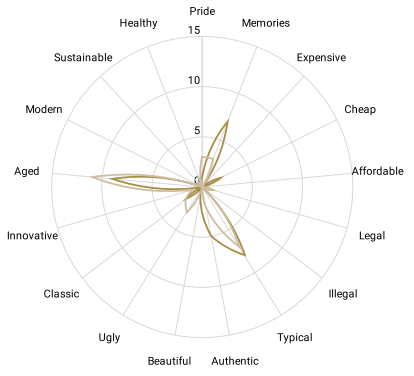
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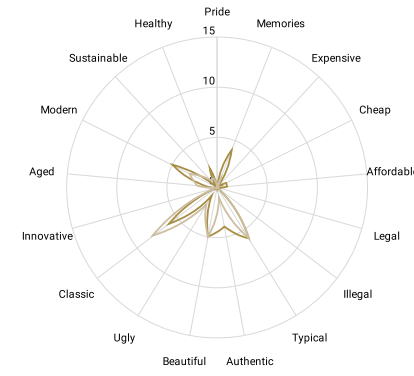
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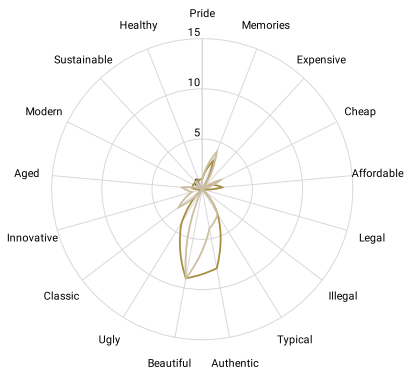
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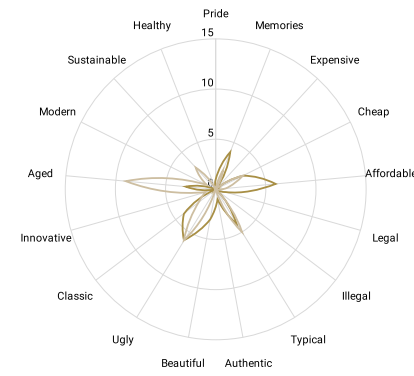
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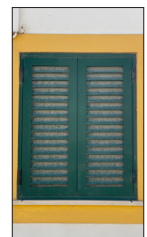
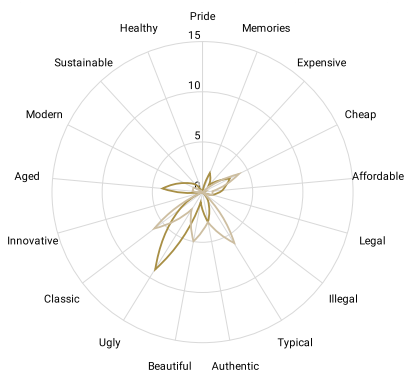
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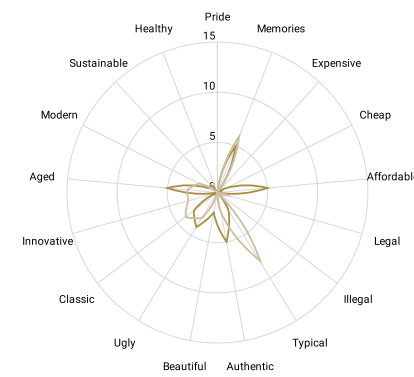
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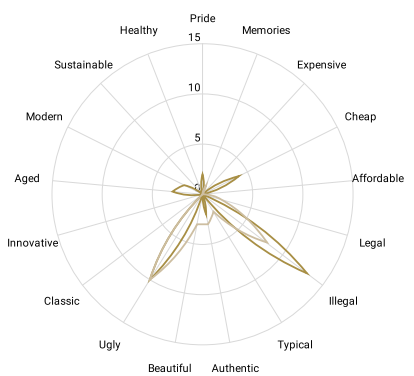
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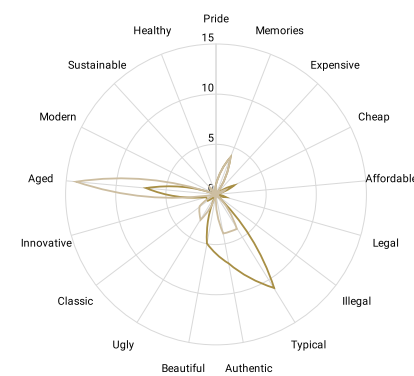
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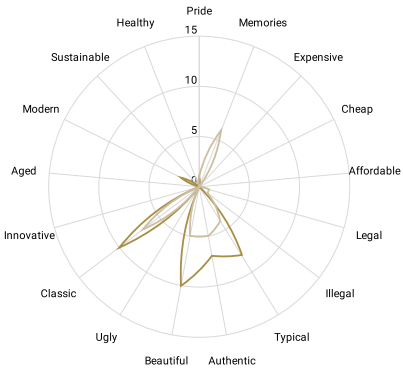


Tourist (Dark)
Locals (Light)

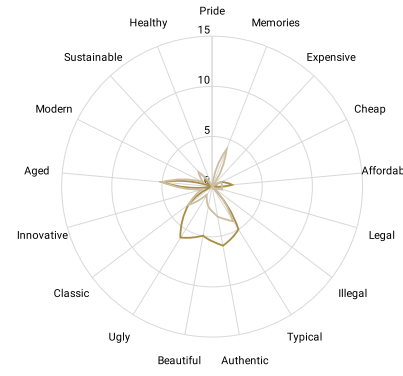
Figure 4. Game-result graphs,



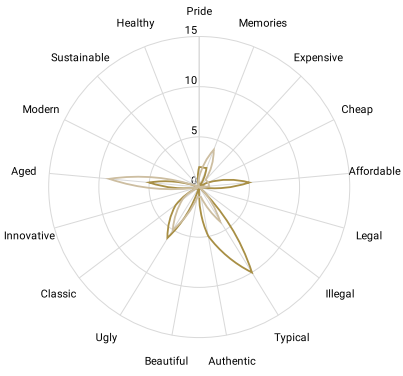
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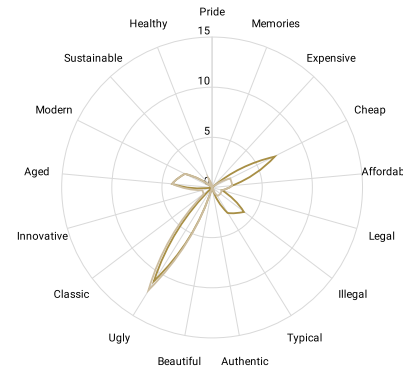
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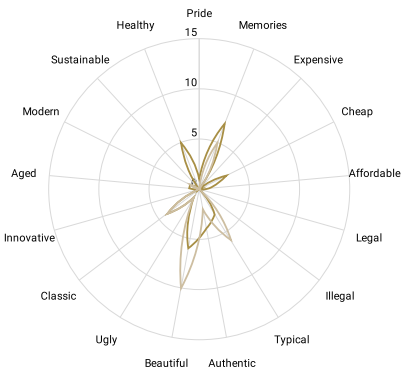
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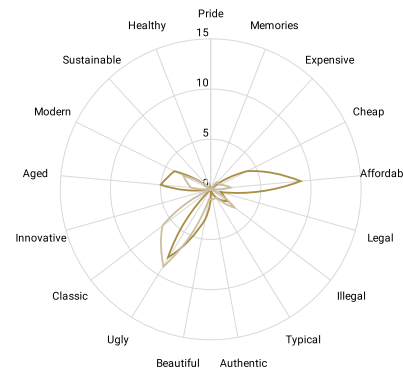
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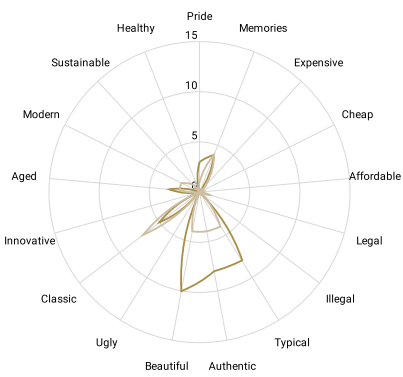
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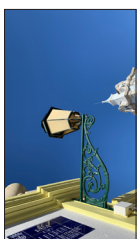
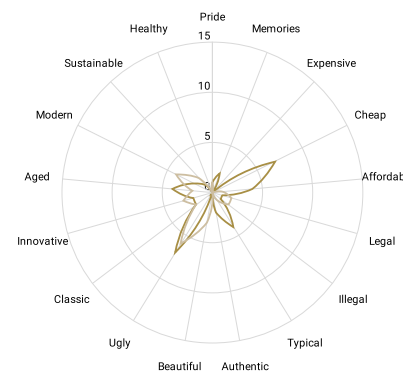
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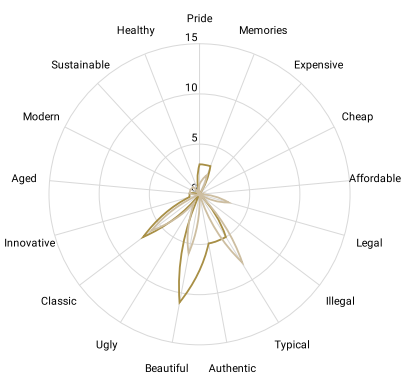
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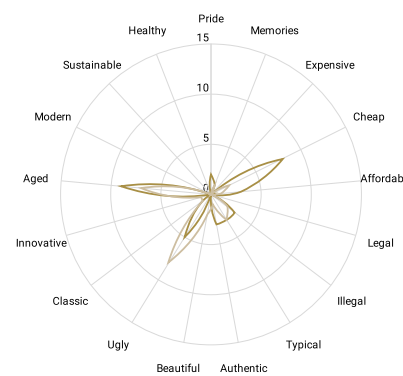
3.9



3.5



3.10



Tourist (Dark Green)
Locals (Light Green)

3.2.2 GAME-RESULT GRAPHS

As values in the game were connected to contradicting hashtags, it is also important to find results on the opinions conveyed by these hashtags. Therefore, the attributes have been grouped into categories and will be discussed in the following paragraphs which conclude information that is shown in figure 4.

Street (figure 4, picture 1.10, 2.10 and 3.10)

The streets with original typologies are generally seen as elements that have been there for many years and are unpleasant in appearance, except for the tourists who find the two door typology as beautiful. The picture of the street with newer buildings is generally perceived as unpleasant in appearance, relating it with new tendencies but yet is perceived as typical for Faro.

Street accessoires (figure 4, picture 1.5, 2.5 and 3.5)

The street art in this group has a very different result from the game. On one hand, the simple lined batman was perceived as an unpleasant element and not complying with the law. On the other hand, the decorated snake graffiti was seen as a modern element in the neighborhood and the opinion of its legality was divided.

The lantern that is hanging from facades throughout the entire neighborhood was in general perceived as an element that provides a pleasant and attractive look to its surroundings and has the expected characteristics for it.

Greenery (figure 4, picture 1.3, 2.3 and 3.3)

The unanimous opinion regarding the greenery in São Francisco pointed at two concepts: the attractive looks it provides and the encouragement of good health. Furthermore, the facade flower pots are seen as a classic element of the buildings in the neighborhood and are attached to memories.

Facades (figure 4, picture 1.2, 1.8, 2.2, 2.8, 3.2 and 3.8)

Divided into two categories the original typologies and the new typologies. Both groups are representative of the facades in São Francisco and are differently perceived by both study groups. From the original typologies with their plastered facades the general opinion points at a traditional and expected look in the neighborhood as well as an element that has been there for a long time. While the new typology is seen by both groups as unpleasant in the way it looks and recent in the way it has been built. Also, tourists see it as a more affordable option.

Doors (figure 4, picture 1.1, 1.7, 2.1, 2.7, 3.1 and 3.7)

The wooden doors are regarded as an authentic element for both groups. Typical and connected memories. Beautiful in some way with slight differences between locals and tourists.

Among the two metal doors reviewed by the game the differences are perceived from the point of view of the aged look. While the rusted metal door is seen as a classic element, the modern aluminium door is in general perceived as ugly.

Windows (figure 4, picture 1.9, 2.9 and 3.9)

The three window pictures are subdivided into the material they are made of: wood and aluminium. Regarding the wooden frame it gave the impression of an element that has been there for a long time, traditional but yet simple in style. In comparison, the aluminium shutter and the frame have divided opinions about them, only agreeing on the affordability it displays. The shutter is seen as an element that brings memories in general. For locals it's a traditional element of the neighborhood compared to the frame which is seen as unpleasant in the way it looks.

Tiles (figure 4, picture 1.4, 2.4 and 3.4)

In this category the difference is shown between the patterned tiles (blue and brown) and the gradient tile. The opinion about the patterned tiles stands out with the pleasant and attractive, along with this the perception was an element that has been there for a long time and belongs therefore in the neighborhood. In contrast with these opinions, the gradient tile is generally regarded as a cheap element but the opinion is divided regarding its looks. Tourists see it as an aged element unpleasant in appearance while locals see it as a typical feature of which they like the way it looks.

Building details (figure 4, picture 1.6, 2.6 and 3.6)

Regarding the details of buildings, the results of the game show results about the appearance of the walls. On one hand, both the brown wall and the colored one are seen as an aged element and seem to have an unpleasant appearance for both groups. Although for the tourists, the colored facade is also seen as a beautiful detail. On the other hand, the white wall was divided but points at a general opinion focused on the simple but traditional style. For locals it is very much seen as an element that is typical for this neighborhood.

3.2.3 NEIGHBORHOOD FACADE ANALYSIS PER PLOT

By having the common attributes in the neighborhood valued, all facades in the neighborhood can be analysed and categorised. Facades with similar appreciations are grouped according to their represented values. An example of this process will be shown using a specific plot and the pictures from the research attached to it (figure 5). Each attribute carries the result information which feeds this part of the analysis. By setting a parameter from which to measure each attribute the value from it can be measured and compared to other plots. The facade appreciation map summarising these results can be seen figure 6.



Figure 5. Analysis example



Figure 6. The facade appreciation map

highly appreciated low appreciated

4. Conclusion

The comparison between two different communities that share the same space in different time frames adds another layer of value that this paper sought to research. The values, derived from Tarrafa and Pereira Roders (2012) attached to facade attributes in the neighborhood of São Francisco, used in the game 'o jogo de palavras', provide a deeper overview on how the neighborhood could develop forwards. By setting up a matrix (figure 3) that crosses information from attributes and values, which are the key for the next step, enabled the translation of the results into design guidelines. An example of the agreements between both groups is the lower aesthetical value given to more modern buildings. This seemingly irrelevant argument comes hand in hand with the authenticity regarded to older looking attributes.

These different dimensions of the city are more complex than an array of attributes with a scale of importance. Therefore a masterplan was set up to take all these criteria into account and make them more applicable

Different zones and criteria have been defined (table 3) following the results of the values conveyed by locals and tourists. These results combined with the insights that the facade appreciation map (figure 6) provide the base for the masterplan (figure 7).

As the result showed, the older facades were valued as representative for the neighborhood and generally valued more positively compared to the newer typologies. Therefore areas where the facades need to be conserved have been determined and are shown in red in the masterplan (figure 7, on the next page). These are mainly found in the old typology facades which are generally marked by both groups as traditional and aged buildings for São Francisco.

Areas with potential have been marked on the map in orange, these partially consist of the old typology buildings that have not been maintained in a representative state and perceived as aged and ugly, therefore having potential for redesign. The other part of the buildings marked with potential are the few old typology buildings remaining in the highrise area.

The newer typology buildings were all notably higher than the older typologies and concentrated in a specific area in the neighborhood. Since the results showed that these typologies were not liked by both target groups, a building height restriction area, in the dotted blue line, has been marked on

the map dividing Sao Francisco in two parts with the goal to prevent these newer typologies to spread further through the neighborhood. As a result the outline of this area, where higher buildings are allowed, only outlines the buildings in the neighborhood that are already three stories or higher. Allowing for development of the buildings marked with potential, described in the previous recommendation, while not expanding this zone.

Street art with simple drawings is perceived as "ugly", but decorated graffiti is seen as a more positive and modern attribute. Decorated graffiti can therefore be encouraged but limited to specific areas, shown in light blue, to improve the outlook of some areas without messing with the image.

Concluding the opinions of locals and tourists, other guidelines for this neighborhood can also be set. These consist of:

- In general the wooden doors are regarded as beautiful and authentic and appreciated more by the locals and tourists than the metal doors which are perceived as aged and ugly. Therefore doors with a wood-look should be used in this area.
- Wooden windows are seen as a traditional style. The aluminium windows are seen as more affordable. Therefore wooden window frames would be recommended.
- The patterned tiles are seen more as pleasant and attractive, in contrast to the gradient tiles which are seen as a cheap element. Therefore, the patterned tiles are recommended to be used in Sao Francisco.
- Facade greenery is generally liked and conveyed as healthy. Therefore, this is an attribute that is encouraged.
- In general, lanterns are seen as pleasant elements throughout the neighborhood and should therefore be conserved and added if needed.

Avoid	Conserve	Potential
Spread of new typology facades through the neighborhood	One level facades from original typologies.	Original typology buildings that have not been maintained in a representative state.
Metal doors	The highrise area along and around Rua D. Teresa Ramalhão Ortigão.	Decorated graffiti can be encouraged but limited to specific areas.
Aluminium windows	Patterned Tiles	Facade greenery
	Original street lanterns	

Table 3: Recommendation overview for São Francisco

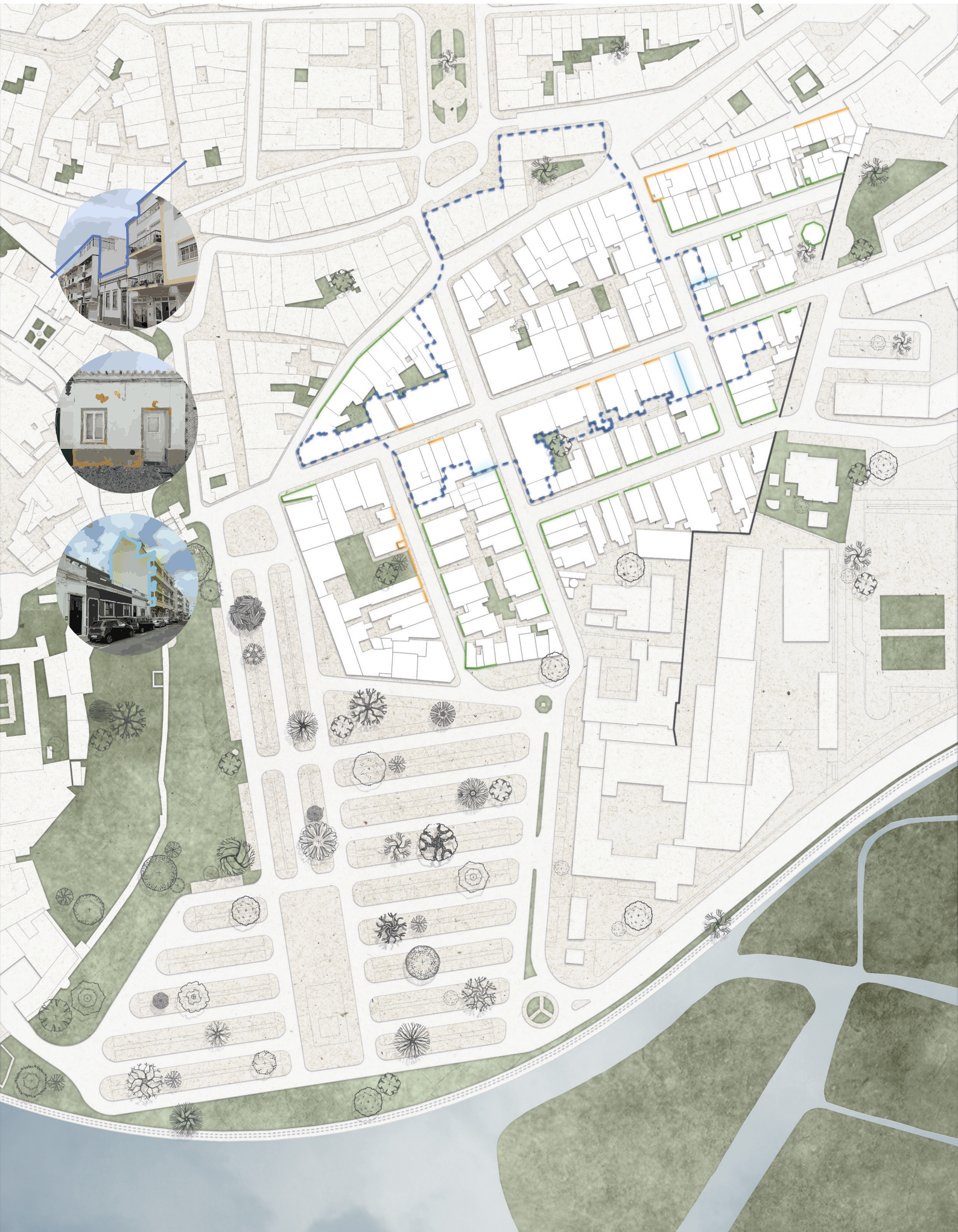


Figure 7. The Masterplan

■ highrise area
 ■ Potential
 ■ Conserve
 ■ Opportunity for street art

5. Discussion

To strengthen the methodology used in this paper, a broader sample of questionee's could be used along with different dates through the year since the scope of this research was determined by the fieldwork period established by third parties.

While this research mainly focuses on the facade attributes in the São Francisco neighborhood, the same method could be applied to other attributes such as nature, place attachment and urban equipment to have a more accurate overview to aid the development of a more inclusive and acceptable masterplan.

The same methods can be used in other neighborhoods in Faro where tourism is present in a notable amount. These neighborhoods could be Estacao, Sao Luis, Vila Adentro, Riberinho and Mouraria as they, just like Sao Francisco, experience the same situations regarding growth in tourism, housing pressure and heritage conservation laws. Furthermore this method does not only apply to Faro but to any city where tourism interacts with local heritage.

Acknowledgements

First we thank the Technical University of Delft's tutors of the master studio: Revitalizing Heritage, for which this research was conducted: Ana Pereira Roders, Ana Tarrafa and Bruno Andrade.

We thank the staff from the Municipality of Faro for their support during the fieldwork period. In particular Patricia Malobbia and Ana Teresa

Also special thanks to all the participants who made time to play the game.

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CHAPTER 2

**REDESIGNING BUILT HERITAGE
THROUGH SOCIAL MEDIA**

Turning research into redesign based on attributes and values conveyed by locals and tourists in Faro, Portugal

Research & Design

Research & Design

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ABSTRACT | When designing, one does not follow a given path, there are multiple options that will lead to different results each time. As there is no right answer to the question how to design it is difficult to make the process explicit. Van Dooren however, developed a method doing this in her research (2013). By determining five generic elements that occur every designing process, she tried to provide the tools to express the process. This is exactly what this paper has done, being a practical illustration of Van Dooren's research and also a reflection on the designing process as it followed the process chronologically while keeping track of the generic elements. By doing this there could be concluded in what ways experimenting was done most, what laboratory was missing, in which domains most experimenting took place and what theme led to making certain decisions.

Keywords | research, redesign, *making designing explicit urban rehabilitation, building attributes, tourism, São Francisco - Faro*

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1. Introduction

In the research *Revealing heritage through social media* (Van Herck, 2022) values have been connected to facade attributes in the neighborhood of São Francisco, Faro (figure 1 and 2). This was done by extracting facades and their attributes by searching for specific hashtags on Instagram. These attributes then fed into a game where locals and tourists would connect certain words to these attributes revealing the values those attributes conveyed. This information was then used to set up a masterplan for the São Francisco neighborhood.

This masterplan then contributed to determining redesign areas in the neighborhood. For this redesign, the value and attribute set received from the research will set the base for transformation.

In this paper the redesign process will be explained chronologically connecting it to researches conducted where applicable. Also simultaneously this process will be systematically analysed following the theory by Van Dooren (2013) about making the designing process explicit.

In the following chapter the theory of Van Dooren (2013) will firstly be explained. Then the research and design and their connection will be discussed chronologically. Finally there can be concluded how and in what way the research by Van Herck (2022) has influenced the design, and secondly, how this design process followed the theory of Van Dooren (2013).

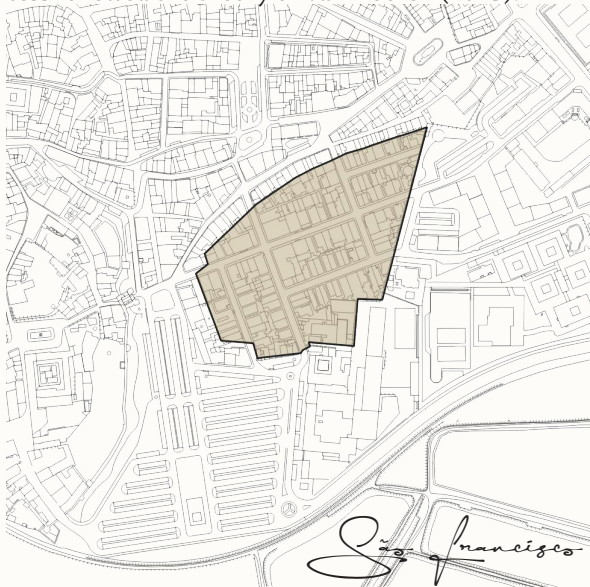


Figure 1. Part of Faro with São Francisco highlighted.

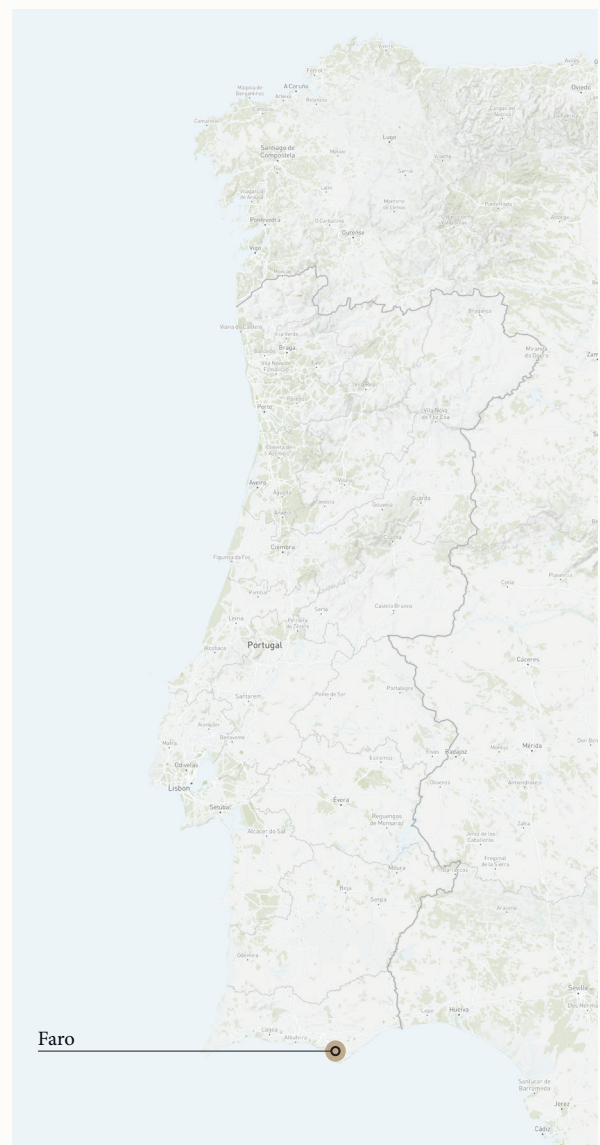


Figure 2. Map of Portugal with the location of Faro.

2. Theoretical Framework

In general designing does not follow a given path or order in every occasion and is hard to make explicit. A research by Van Dooren (2013) developed a conceptual framework to be more explicit on the designing process. This framework consists of five elements, present in one form or the other in every design, that can be distinguished but not separated.

These five elements are:

Experimenting

This element contains the process of exploring options, being open for different variations, looking for alternatives and being analytical between those options in order to make choices.

Guiding theme

To help make these choices during the experiments one has to come with a guiding theme to hold on to. This is an inspiring direction which will help create a coherent and consistent result.

Domains

This experimenting is done in different work fields. For architectural design these fields contain: space, material, site, function and context. The designer has to make a statement in each one of these domains.

Frame of reference

The Frame of reference could be seen as a library. All knowledge stored in the environment, books but most importantly, the designers mind. These references provide patterns, diagrams and rules of thumb to be used in the design.

Laboratory

The process of designing can be done with different visual methods. Sketching and modelling (physical and virtual) are methods, for architectural design, falling under laboratory.

These five elements are interwoven during the designing process. Figure 3 illustrates how during the experiments all five domains are explored and how the guiding theme narrows down the options to a final design.

This way of making the designing process explicit will be the method used to visualise the conclusion of this paper. The main documentation will be done making a timeline divided in two parts visualising the steps in the design in chronological order and connecting the researches conducted and their influence on the design during the designing process. Next to each step in the design, the elements of Van Dooren will be noted. By doing this, a similar illustration as Figure 3 can be made of the actual designing process in the concluding phase of this paper.

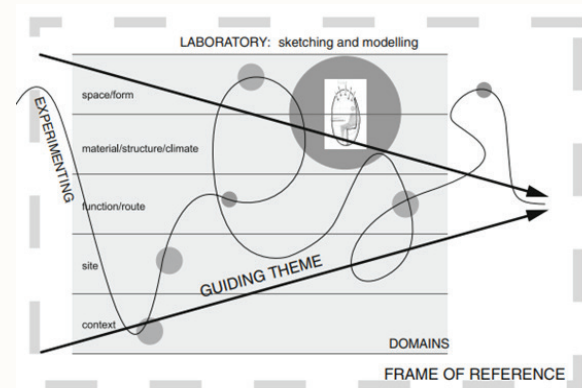


Figure 3. The five generic elements in the design process: experimenting, guiding theme, domains, frame of reference and laboratory

3. Research & Design

Every page has been built up the same. Weeknumber and dates in the top left corner and a vertical dotted line in the middle of the page dividing it in research on the left and design on the right. This chapter is order chronologically, however sometimes week(s) are skipped as in those week no designing or research has taken place. These weeks are mostly used for writing or preparing presentations.

Occasionally, this line is interrupted by a block. In this, the 'bridge' from research to design is explained, how the things described influenced each other.

In this same block there is a separate part containing the five generic elements of Van Doorens research. Every design part will be valued according to these five elements in order to make this design process explicit and to test if there are improvements possible in Van Doorens theory or this design process.

These five elements will be valued accordingly:

Experimenting: does the designstep described above involve experimenting?

Guiding theme: did the guiding theme influence choices taken in this design step?

Domains: under what domain does this design step fall?

Frame of reference: is any knowledge used in this design step?

Laboratory: what visualizing method has been used in this design step?

While discussing the design steps and researches conducted there will often be referred to a specific plot in the building block from Sao Francisco in which this design is taking place. In figure 4 a map will be shown clarifying which plot is connected to which letter. Furthermore, the white buildings are the buildings to be redesigned.

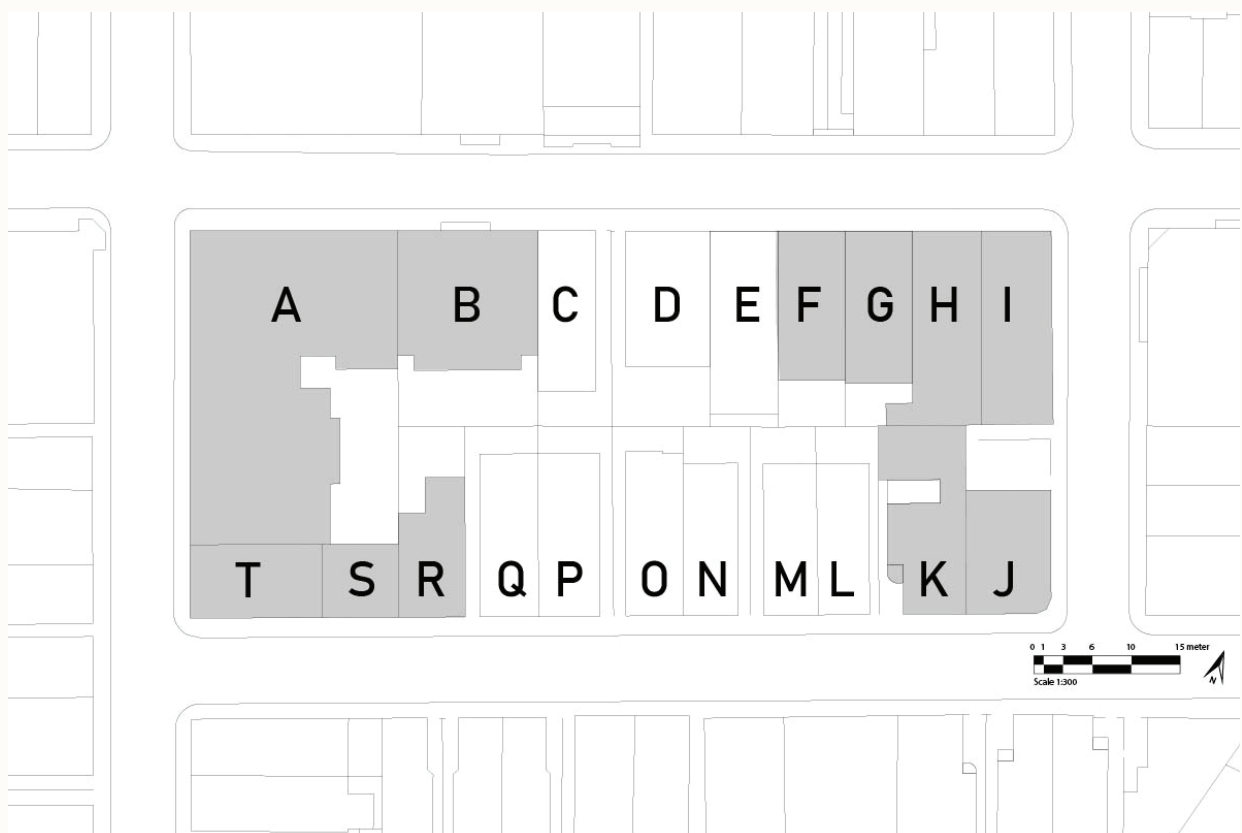


Figure 4. Block in the Sao Francisco neighborhood with plot letters.
Source: Own drawing

| Week 1

| 5 September - 11 September

While making the cultural significance survey paper the design goal started forming more and more.

Conclusions from that research showed that the original facades and their elements in the Sao Francisco neighborhood were very much liked while the newer, more modern, buildings were seen as ugly. This research and talks to the municipality of Faro also concluded that buildings with the original facades have become unaffordable for the locals and that therefore the more modern, seen as ugly, buildings are increasingly being built.

Based on this, the design goal became how to build more affordable living spaces for locals without taking away the original look of the buildings with as eventual goal to serve as an example for future projects in the area.

Being enthusiastic about this, immediately some quick sketches on the floorplans were made exploring different options. Some based on traditional Portuguese floorplans while others might be influenced by my country of origin.

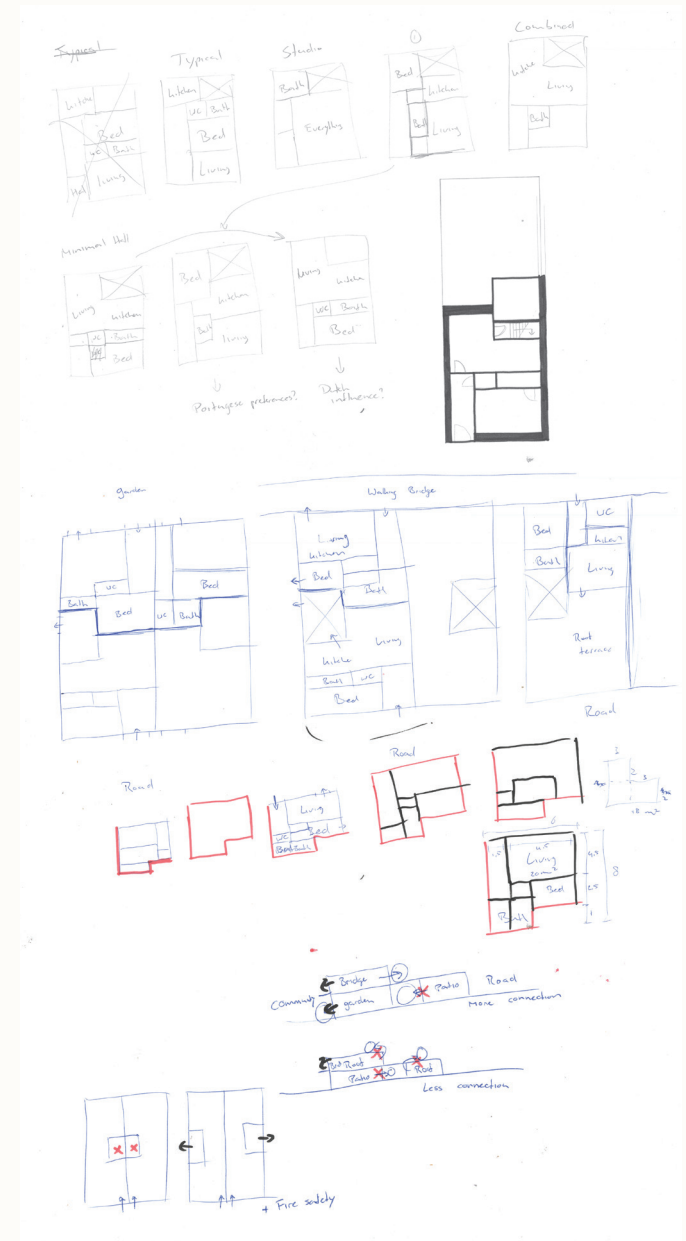


Figure D1. First sketches of possible floorplans
Own Drawings.

The design goal influenced the sketches directly. All sketches seen in figure D1 have in common that the existing house has been split up in two apartments in order to make them more affordable. Also a unit is placed on top of the existing structure, again to reduce the price of the units.

Furthermore, the original floorplans provided by the municipality (figure R1) might have already influenced some sketches as can be seen by the naming of the sketches in figure D1.

By making these sketches a second guiding theme was found. In all these sketches, the existing buildings were split up, disconnected. A big impact. Therefore it was important to connect the houses more even though they are physically disconnected. Something that can be done in many different ways and therefore perfect to serve as a guiding theme in this design. A theme that will help making design decisions

Van Doorens Elements

Experimenting:	Yes
Guiding theme:	No
Domains:	Function
Frame of reference:	Yes
Laboratory:	Sketching

Week 2

12 September - 18 September

During the feedback session this week a comment was made which was completely true but forgotten in all excitement to start designing. The existing situation needed to be documented in order to compare the new design with what is there. Also, by doing this, the knowledge for the plot, buildings and its dimensions became much more extensive.

Most information came from the actual drawings of one of the buildings on the plot (figure R1).

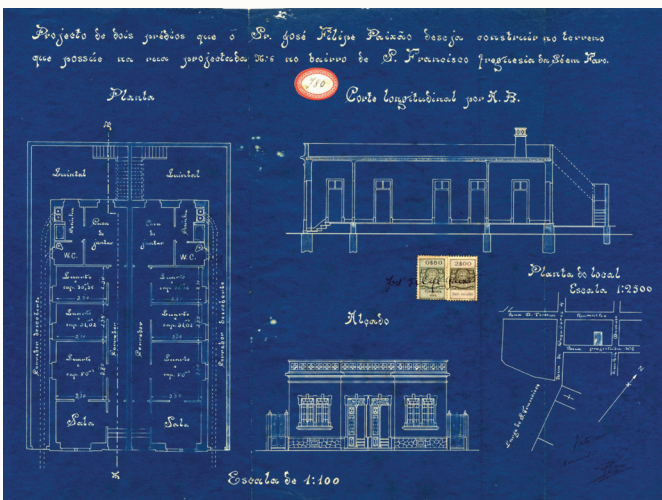


Figure R1. Original drawings of the buildings on plots L and M.



Figure D2. Updated floorplans of existing situation

The floorplan, section and facade drawing were updated to Autocad drawings following the exact measurements from the source. These updated floorplan drawings were later projected on the plots (figure D2). As the facades and buildings from the plots L to Q look very similar, the floorplans from plot N and Q are assumed to be more or less copies of the floorplans of plot L and M. Because of this the sections are also comparable.

Van Doorens Elements

Experimenting:	No
Guiding theme:	No
Domains:	Site
Frame of reference:	Yes
Laboratory:	Digital drawings

Week 2

12 September - 18 September

On the north side of the plot there are different housing typologies than on the south side. And because there were no drawings of these typologies another way of finding out was needed.

This was to be solved using a hybrid method between using the original drawings of plots L and M and looking for pictures and floorplans of similar houses in the area which were standing for sale.

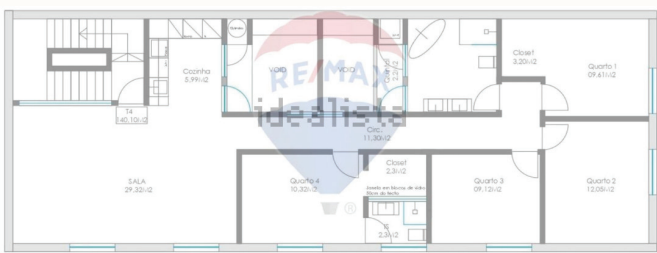


Figure R2. Floorplan of an apartment on plot I.
Source: <https://www.idealista.pt/en/imovel/31249126/>



Figure D3. Baselevel floorplans of plots C,D and E.

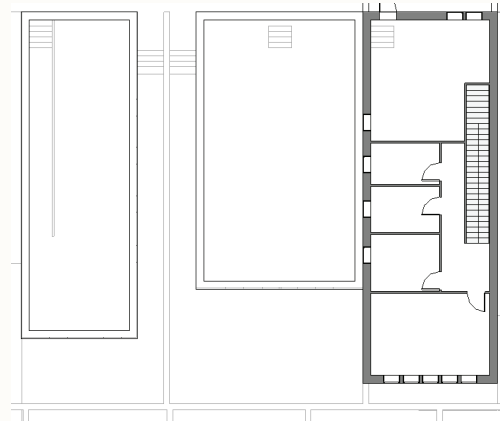


Figure D4. First level floorplans of plots C,D and E.

Figure R2 is the floorplan of an apartment on plot L. It gave a lot of information on how the rooms in the plan are organised on higher level apartments as until now, the only information about floorplans was that of baselevel apartments. Therefore, the floorplans on baselevel of plots C,D and E are based on figure R1 (figure D3) whereas the floorplan of the first floor of plot E has been based on figure R2 (figure D4).

Van Doorens Elements

- Experimenting: No
- Guiding theme: No
- Domains: Site
- Frame of reference: Yes
- Laboratory: Digital drawings



Figure R3. Picture of buildings on plots H and I



Figure D5. Drawings of the facades

Using the facade drawing of figure R1, the facades on plots L to Q in figure D5 could be made. However, for all the other facades in the block, no drawings could be found. Therefore pictures made during the fieldwork trip and Google streetview was used to examine the facades from different angles and use this information to draw them in figure D5

Van Doorens Elements

- Experimenting: No
- Guiding theme: No
- Domains: Site
- Frame of reference: Yes
- Laboratory: Digital drawings

| **Week 3**

| 19 September - 25 September



Figure R4. Streetview image of plots P and Q.
Source: <https://www.google.nl/maps/>



Figure D6. Pictures of the facades

During the feedback session this week, the facade drawings of last week (figure D5) were discussed. It turned out that, although it showed a nice overview of the facades in the street, it didn't show everything (colors, decorations, depth). Therefore Google Streetview images were taken and modified in Photoshop to recreate figure D5 but this time with pictures as can be seen in figure D6.

Van Doorens Elements

- Experimenting: No
- Guiding theme: No
- Domains: Site
- Frame of reference: Yes
- Laboratory: Digital drawings

Matthew Wright writes in his research called: Regional Identity - Architecture in the Algarve 1940 - present (2011), that in and around Faro, buildings were used to be built using limestone cobbles which were placed together with limestone mortar between two wet wooden sheets in order to create a wall. These walls are then plastered. For this limestone plaster mixed with natural pigments was used to protect the walls from weathering. To create the openings for doors and windows, bigger pieces of limestone brick are used.



Figure R5. Streetview image of damaged walls in Sao Francisco, Faro
Source: <https://www.google.nl/maps/>

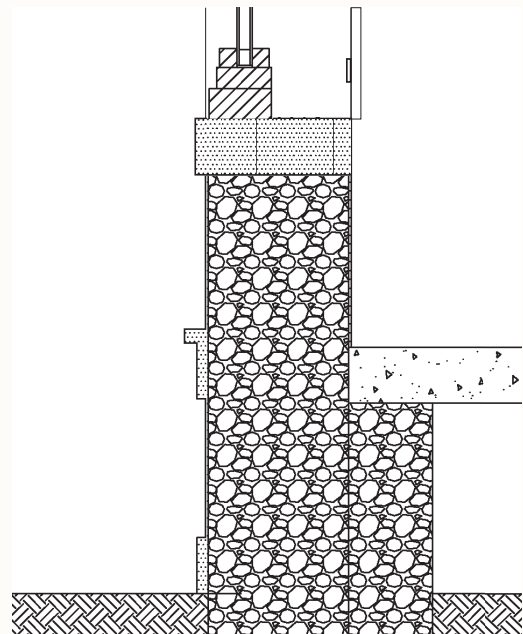


Figure D7. Expected detail of current construction

By using the information given by Wright (2011) and the pictures in figure R5 a construction detail can be made. The walls of the buildings on the plot are expected to exist of casted in place with strongified corners made from limestone bricks. Also the openings created in the facade are bordered by limestone slabs. The walls are plastered with limestone mortar which is, in some places on the facade, moulded with relief

Van Doorens Elements

- Experimenting: No
- Guiding theme: No
- Domains: Material
- Frame of reference: Yes
- Laboratory: Digital drawings

| Week 3

| 19 September - 25 September



Figure R6. Building in Sao Francisco where another level is being added

During the fieldwork trip to Faro we had a walk with Patricia, an employee of the municipality of Faro. She explained a lot about the development of the Sao Francisco neighborhood. One of the things she explained was that the building in figure R6 was being renovated and another level was added on top. But because of the weight of the concrete that was added on top of the original facade, the facade started cracking.

Thanks to the information Patricia gave and the building in figure R6 we now know how an extra floor was probably added to the building on plot E. It is highly likely that a concrete or clay brick wall has been placed on top of the original coble wall. Afterwards, the plaster or other facade finish has been extended to the top. (figure D8)

Something that can also be seen on other pictures is that the limestone slabs around doors and windows have been replaced with thin granite slabs that serve a decorative purpose.

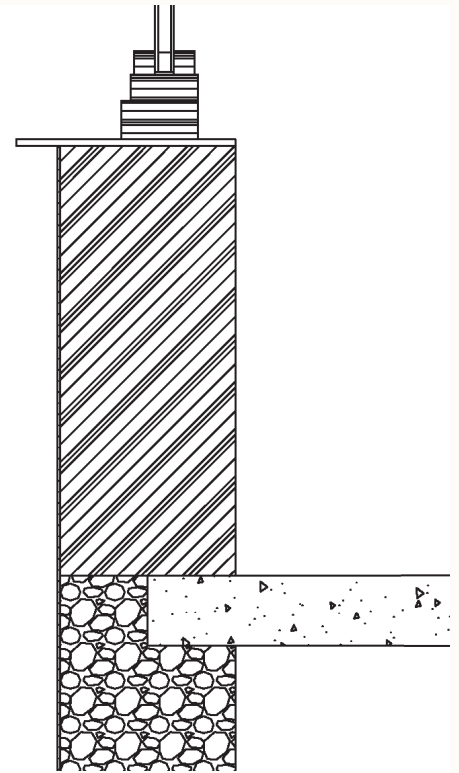


Figure D8. Expected detail of current construction

Van Doorens Elements

Experimenting: No
Guiding theme: No
Domains: Material
Frame of reference: Yes
Laboratory: Digital drawings

| Week 4

| 26 September - 2 October

With documenting the existing situation mostly done, I could go back to designing again. Trying alternatives floorplan layouts for the buildings on the south side of the plot. In figure D9 some of these options have been shown. These floorplans are mainly influenced by the following criteria:

- the design goal of making more affordable housing
- the portuguese building regulations about cross ventilation, routing and privacy
- the guiding theme of connecting
- cross ventilation

These floorplan options consist of:

An option where the current hallway is made public and provides acces to two studios. At the end of the shared hallway there is a staircase going up to the first floor where a new studio will be constructed on top of the existing struture. (Top right in figure D9).

An alteration on this option was to have this same hallway provide acces to three apartments with the hallway on the other side of the wall, which previously was deviding the building in two parts, going upto the new apartments on the first floor. (Centre left in figure D9)

Another option reviewed was to devide the existing apartment into two using a staggered wall along the length of the building. This option provides excelent cross ventilation but makes the inner two apartments very dark as there are no windows in the side facade. (Centre left in figure D9).

The last option in described in figure D9 is to literally cut the building in half by taking a strip out of the centre where the staircase to the addition can be made.

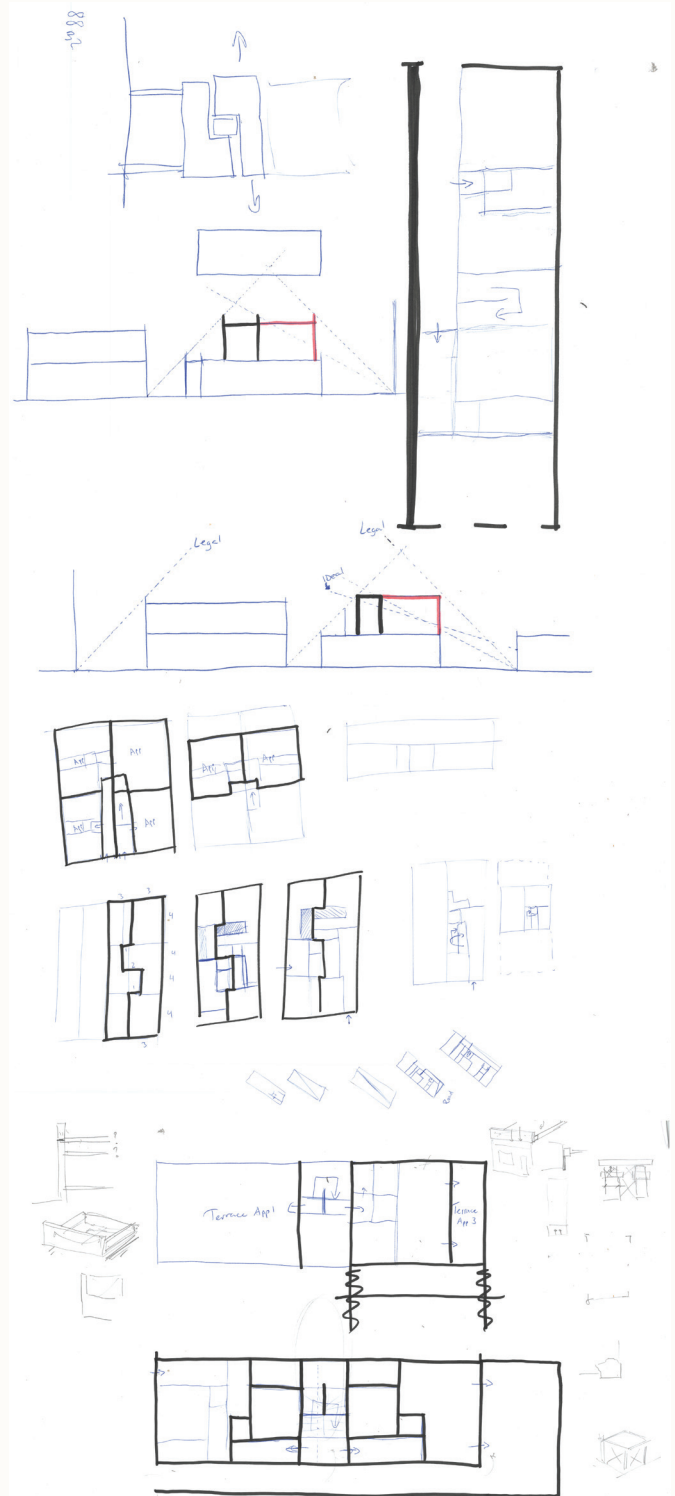


Figure D9. Floorplan sketches on different routing options

All variations all had a goal, to find the most efficient flooplan giving as much living space as possible with as less circulation area as possible keeping all criteria described previously in mind. From the options described, the last one followed most of the criteria and had most potential to be incorporated into the value based redesign as no changes to the highly rated front facade were needed and new front facades were created providing blank space to reflect the results of the research on.

Van Doorens Elements

Experimenting:	Yes
Guiding theme:	Yes
Domains:	Function
Frame of reference:	Yes
Laboratory:	Sketching

| **Week 4**

| *26 September - 2 October*

Old construction methods

Originally most buildings were built using limestone. A product that was locally available, strong and durable but also better suited to earthquake zones. As limestone mortar is more flexible than other mortars, it is less likely to tear or crack (Brinsmead, 2022). The same goes for limestone plaster. This is also more flexible and is therefore better suited to be used as plaster in earthquake areas than any other plaster.

Another benefit of limestone plaster is that it is very good at protecting the inner wall from moisture and salts (Pettit, 2007). It forms a barrier so the salt can not crystallize inside the wall.

Also limestone plaster life cycled, closed-loop process, resulting in negative carbon emissions (Coia, 2022). Lime mortars and plasters can reabsorb carbon-dioxide during its production and in-use phase.

New construction methods

Previous research showed that currently, new floors are added on existing buildings using concrete walls.

A paper by Adam (2016) however showed that in coastal areas, rebar in concrete is more likely to rust and with that damage the building and compromise its strength.

Now the designing has started, it also became important to find out with what kind of materials to build. The researches in described above already gave an overview on what materials to use. It turns out that the original way of building in this neighborhood is already done with very sustainable materials. Therefore it would make sense to continue this way of building into the design.

The current way floors are added onto existing buildings is not the best option. Concrete will deteriorate faster due to the coast being nearby. Also, the concrete or brick option would bring the probability that the facade will crack under its weight. Therefore a lighter, more sustainable material should be used for its construction. For now this material is expected to be wood as it is a local product, lightweight, strong and easy to install.

Van Doorens Elements

Experimenting: No
Guiding theme: No
Domains: Material
Frame of reference: Yes
Laboratory: Literature
Research

| Week 5

| 3 October - 9 October

While working out the chosen floorplan option from last week it appeared that, since it has now been drawn in scale, some appartement would become too small. Therefore a solution had to be made. After exploring different options, the choice was made for the plans shown in figure D10, D11 and D12.

Studio's

In total ten studios were added to the plot, mainly on the south side but also in parts of the plot where a appartement with a single bedroom would not comfortably fit. All these studios have the main room, a bathroom, a separate toilet and a balcony or roof terrace. (orange).

One bedroom apartment

Seven one bedroom apartments have been added in this design. These are located on the plots that were not big enough to house a multiple bedroom appartement but provided enough space to separate the bedroom from the living room. These appartments all have their main living room, a bedroom, a bathroom, separate toilet and a balcony or garden patio. (green).

Multiple bedroom apartment

On the plots that were too small for a studio or too big for a one bedroom appartement the multiple bedroom appartments have been added. These eight of these consist out of a living room, multiple bedrooms, bathroom, separate toilet and a balcony or garden patio. (blue)

By choosing to add studios to the plan instead of solely appartments, there could become a more efficient function for the appartments. Also some appartments that were too small were combined into a family house.

This choice has mainly been influenced by its efficiency and the guiding theme of connecting. By incorporating different types of household, a bigger connecting factor was created.



Figure D10. First floor design with housing typologies shown
Source: Own Drawing



Figure D11. Second floor design with housing typologies shown
Source: Own Drawing

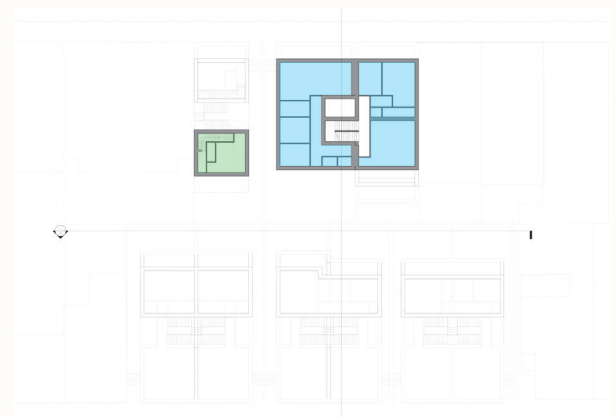


Figure D12. Third floor design with housing typologies shown
Source: Own Drawing

Van Doorens Elements

Experimenting:	Yes
Guiding theme:	Yes
Domains:	Function
Frame of reference:	Yes
Laboratory:	Digital sketching

| Week 8

| 24 October - 30 October

On the north side of the plot the floorplans have been based on the same criteria as the floorplans on the south side (page 15). Following the masterplan, extra floors were to be added to the existing buildings on this side of the plot in order to make them better fit their surroundings.

Some experimenting was done creating different floorplan options. In figure D13 some of these options have been displayed.

The most leftern building used the same solution as has been applied to the buildings on the south side of the plot. The buildings has been split up into two parts with a public stairway in the middle. Difference to the buildings on the south side however is the fact that more floors have been added on top.

The centre building has been simplified. Some rooms are combined creating a bigger living and kitchen space. Also a part of the house has been transformed into the vertical traffic space to provide access to the new floors added on top.

This traffic space is accesable through the hallway located in the most righthand building which now is publically accesible. This building is quite long and narrow with a lack of natural daylight. Therefore multiple options were created in order to experiment with daylight acces.

In the first two options the floorplan of this building was split up in two. By doing this the rooms that are in need of daylight can be situated near the windows. Another option (the bottom floorplan in figure D13) was to take a part out of the middle of the building creating room for light to penetrate into the darker parts of the floorplan. This provided the possibility to create a bigger living spaces throughout all three floors of this building.

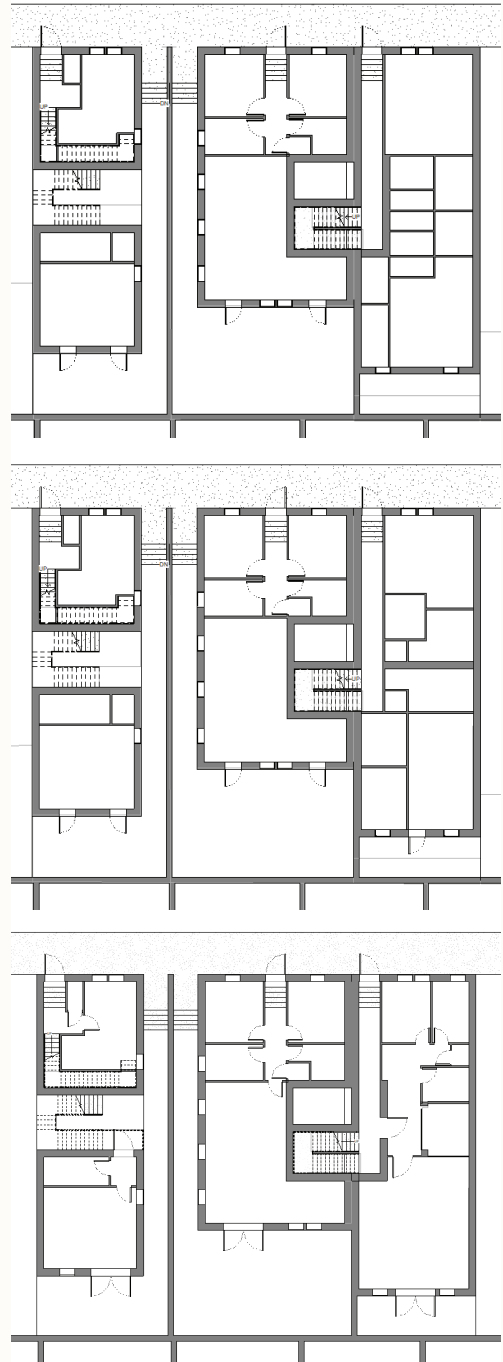


Figure D13. First floor floorplan alternatives on the northside of the plot

The choices made in this design part are all directed to find the best option regarding the masterplan, building regulations, design goals and guiding theme. Because of this the third option in figure D13 has been chosen to work further with. This is because it provides the best cross ventilation, fits in best with the masterplan using least traffic space. It also provides cheaper housing as there are more and smaller houses per plot. By combining multiple housing typologies the guiding theme of connecting is brought back in this design.

Van Doorens Elements

Experimenting:	Yes
Guiding theme:	Yes
Domains:	Function
Frame of reference:	Yes
Laboratory:	Digital sketching

Week 9

31 October - 6 November



Figure R7. Picture of facades on plot P and Q
Source: <https://www.google.nl/maps/>

With the floorplans now mostly done, designing the facade was next. The first step in this process was to recreate the existing facades which was done by drawing over a picture (Figure R7) creating figure D14. In this case the facades of plot P and Q have been used as an example.

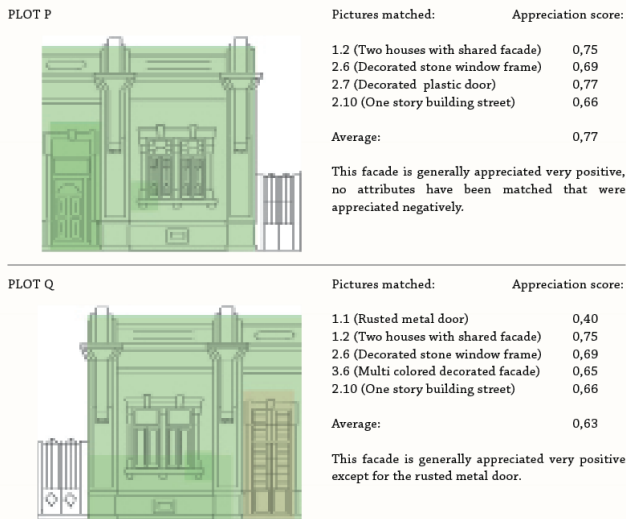


Figure R8.

After the existing facades had been drawn up, the results from the research revealing the values conveyed per attribute (Van Herck, 2022) were reflected upon them. In figure R8 a fragment of this can be found. This revealed which attributes needed to be kept and which were to be changed.

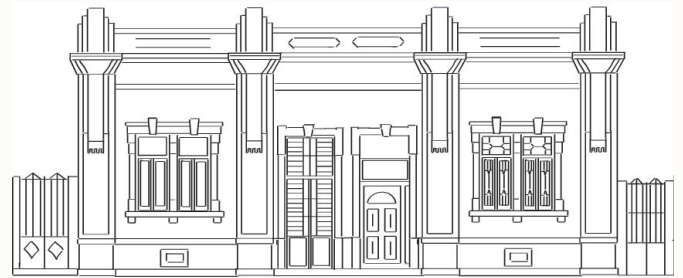


Figure D14. Drawing of the facades on plot P and Q

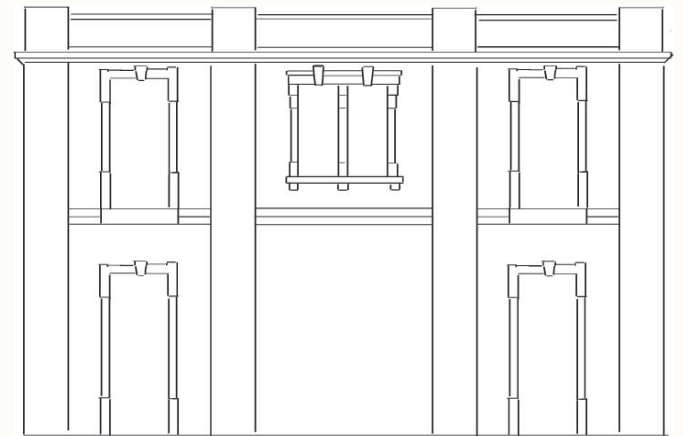


Figure D15. Newly added front facade on plot P and Q where the existing building has been split



Figure D16. Example of the simplified window frames on other facades than the front facades

Thanks to the research by Van Herck (2022), designing the facades could be done systematically and in a democratic way. By removing disliked elements described in figure R8 and replacing them for more liked alternatives the existing facades could be improved. The existing front facade with its decoration was in this design seen as most important.

For the new facades these attributes could be reused. The newly added facade, which would rise behind the existing facade, will therefore be subordinate to the existing facade. This facade will be built up out of the same attributes discussed in the research by Van Herck (2022) but altered slightly to be less decorative (figure D15).

All other facades, not regarded as front facades, also receive some alterations to its existing appearance. This will be done by reusing the same attributes used in the front facade but even less decorative as used on the newly added facade.

Van Doorens Elements

- Experimenting: Yes
- Guiding theme: Yes
- Domains: Space
- Frame of reference: Yes
- Laboratory: Digital sketching

| Week 9

| 31 October - 6 November

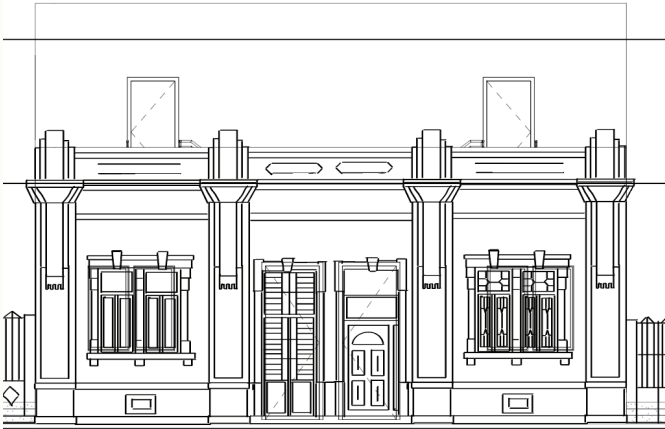


Figure R9. Digitalised drawing of the front facade on plot P and Q with the second floor on top

While drawing the facades, some elements in the facades turned out to be wrongly positioned. An example of this can be seen in figure R9. As the existing facade is divided in three, almost equal, parts the door on the second facade turned out not to be centred.

Due to this the position of the door had to be altered slightly. This didn't fit in the floorplan (figure D17) because of this, this also had to be altered. This was done by rearranging the bedroom and toilet to provide room for the new position of the front door (figure D18).

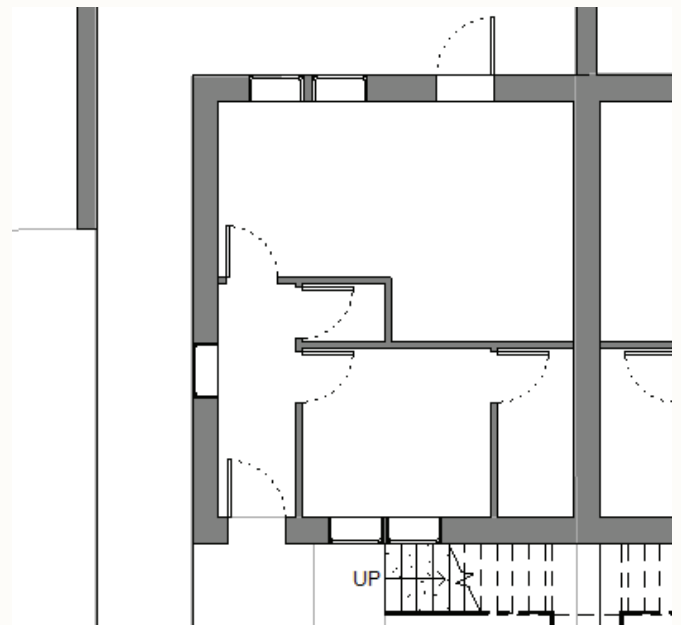


Figure D17. Part of the old floorplan on plot Q

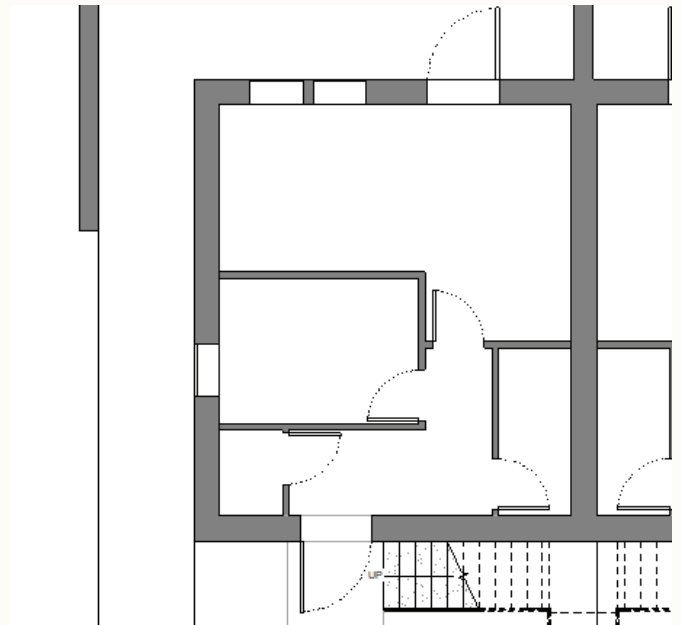


Figure D18. Part of the new floorplan on plot Q

Van Doorens Elements

Experimenting:	Yes
Guiding theme:	Yes
Domains:	Function
Frame of reference:	Yes
Laboratory:	Digital sketching

| Week 11

| 14 November - 20 November

With the facades drawn and the floorplans now finished, the past two weeks were used to 3D model the facades. By doing this some other design questions appeared.

For example how the opening in the existing building will be modelled and what the stairs in this opening will look like. The materialisation and the connection to the other buildings is also something that has been looked at at this stage.

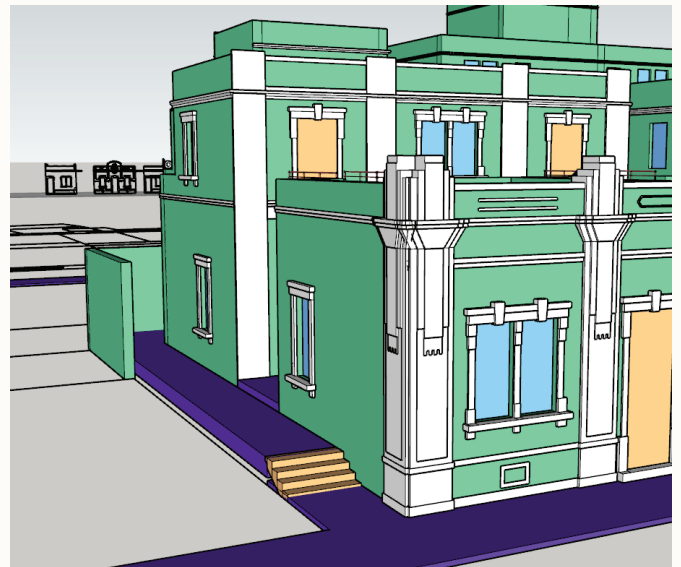


Figure D19. 3D illustration of the front and side facade of plot Q

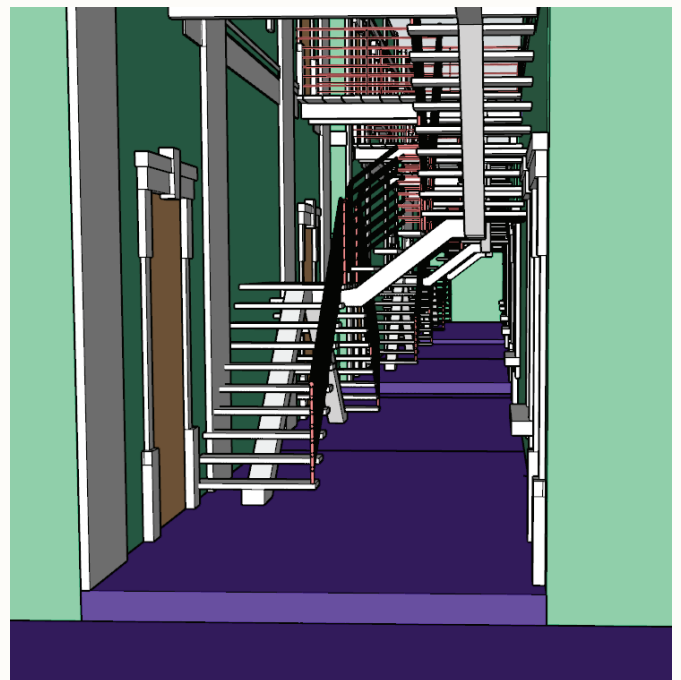


Figure D20. 3D view trough on the place where the existing buildings have been split up

This has been done in the following way:

Although the building has been split up in two, the ridge on top of the facade, continuing all around the building, connects them visually (figure D19). This ridge also serves as a visual barrier between the newly added and existing structure. This ridge is also used to hide a dilatation between the materialisation of those two structures, something that is needed to prevent cracking. Adding the ridge to the facades has been inspired by the research of Van Herck (2022) as they are important attributes present on highly appreciated facades.

The stairs have been modelled in a way that they appear the most invisible. This has as goal to provide the best visual connection to the other houses as possible with as goal to strongify the guiding theme of connecting (figure D20). Also the deviding wall has been replaced for low bushes to ensure a higher visual connection while keeping a physical border.

Van Doorens Elements

Experimenting: Yes
Guiding theme: Yes
Domains: Site
Frame of reference: Yes
Laboratory: 3D modeling

| Week 11

| 14 November - 20 November

The next step was to start detailing and deciding about the materialisation.

While researching the existing facades, it turned out the lime plaster used on those facades already was a sustainable option as it is locally produced and over time becomes carbon neutral. Therefore this material will be used in the redesign as well.

The floors and walls added on top of the existing structure need to be as light as possible. Therefore a wooden structure was used. Subsequently, a lightweight alternative needed to be found for the limestone slabs used as window frames in the existing facades.

In this search, hempcrete was found. Not only did this material turn out to be a perfect replacement for the limestone slabs, it is also the perfect material to use as insulation in the walls and ceilings. Although hempcrete is a bit heavier than conventional insulation materials, it has multiple other advantages like:

- Energy efficient
 - Durable
 - Flame, water and pest resistant
 - Uses local and sustainable materials
 - Carbon neutral
 - Adds thermal mass
 - High insulation value
- (Northey, 2022)

The last two benefits named are especially important in order to make these buildings energy neutral. After talks with the climate consultant there was suggested to add as much solar panels as possible, add thermal mass, insulate the walls and make use of cross ventilation. By doing this, heating and cooling would be needed as less as possible. A simple outdoor unit capable of electrically heating and cooling will be sufficient for the few moments the passive system is not enough.

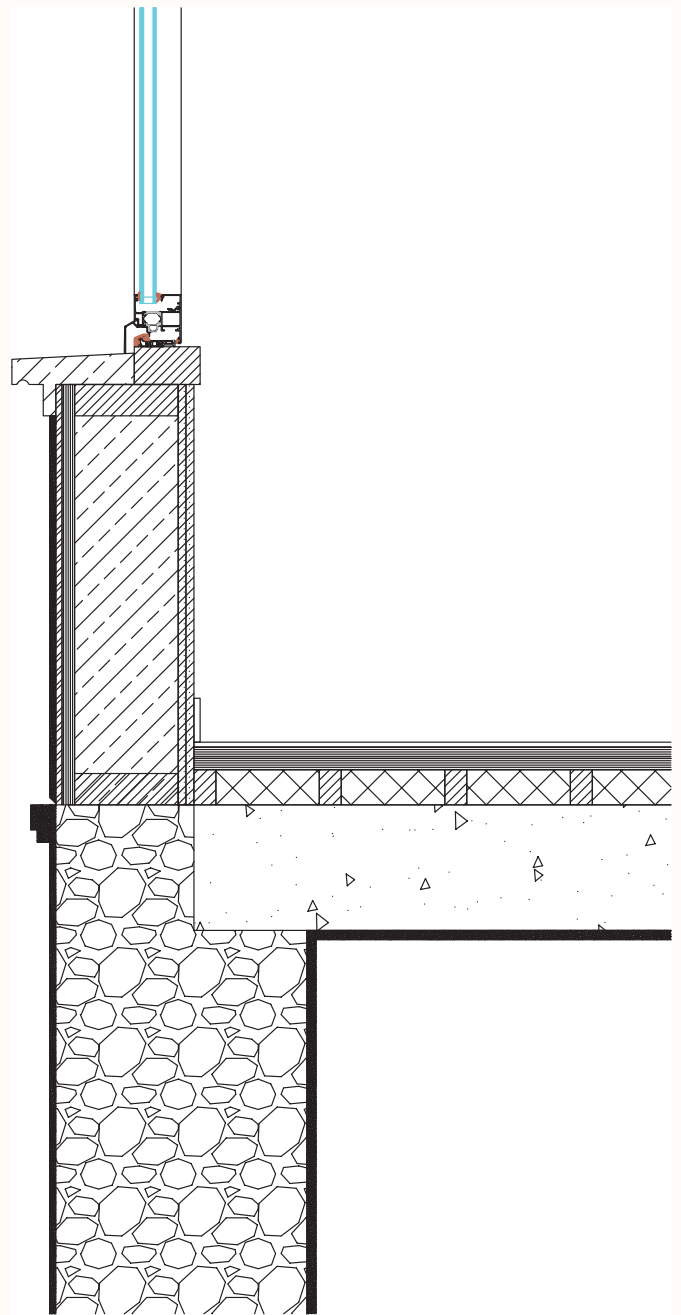


Figure D20. Construction detail of the place where the old and new construction meet

The wooden structure will be placed directly on top of the existing structure where the wall meets the former roof. The hempcrete blocks will be placed in the cavities of this wooden frame as well as on the facade to mimic the limestone frames around the windows and doors. On the exterior face of the frame ESB panels will be used to close the wall. This is a wooden panel made from farm waste, specifically grain straws. On this panel, metal lath will be placed which will serve as a base for the plaster to attach to and prevent the plaster from cracking during thermal expansion. On the place where the new and the existing construction meet, a dilatation will be added in the plaster hidden by a ridge in the facade in order to prevent cracking. Double glazing in white aluminium frames will be applied. This is sufficiently insulating for the climate where this building is located.

Van Doorens Elements

Experimenting:	No
Guiding theme:	Yes
Domains:	Material
Frame of reference:	Yes
Laboratory:	Digital drawing

4. Conclusion

DESIGN PROCESS

When looking back at the design process there can be concluded that this was done starting on the bigger scale and zooming in more and more. The process can be divided into four main periods flowing into each other.

Firstly the existing situation was documented for which new research needed to be done. The main sources for this were drawings found in the archive of the municipality of Faro, floorplans found online of houses for sale in the neighborhood and documentation of the construction methods.

After this, sketches of different floorplan types were made exploring the possibilities. These options were mainly influenced by the design goals derived from the research by Van Herck (2022). Other influences were the existing floorplans and building regulations.

Subsequently the facades were designed. This is where the research by Van Herck (2022) had major influence. All decisions on the facade design were derived from this.

Lastly research into new materials was needed in order to create an energy neutral house using the most sustainable materials. While the materialisation of the facades was done in the last period of this design process, the challenge for energy neutral housing was present throughout the entire process choosing options in for example floorplans that would benefit this.

VAN DOOREN'S ELEMENTS

In this paper, at every point research and design met or where important design decisions have been described, Van Dooren's (2013) elements were reflected on them. With now the process completely described, these elements can now be graphed using Van Dooren's illustration (figure 3) as an example.

On page 23 this illustration can be found. It shows what laboratory was used in which domain at which point during the process. There can also be seen that experimenting has not occurred in every week and that it was mainly focussed around the function and routing of the design in the beginning of the process and later shifted to the facade layout and the site.

The guiding themes did help narrow all possible design options down and made a coherent story. Although there were two guiding themes both had their separate domains in which they were mostly present.

The frame of reference was present throughout every part of the design process. This complies with the theory of Van Dooren (2013) as she already stated that in every design decision some knowledge is acquired.

LABORATORY

DOMAINS

FRAME OF REFERENCE

EXPERIMENTING

Space/form

Material/Structure/Climate

Function/route

Site

Context

Digital sketching

Digital drawings

Digital drawings

Literature research

Literature research

Sketching

Sketching

Digital sketching

Digital sketching

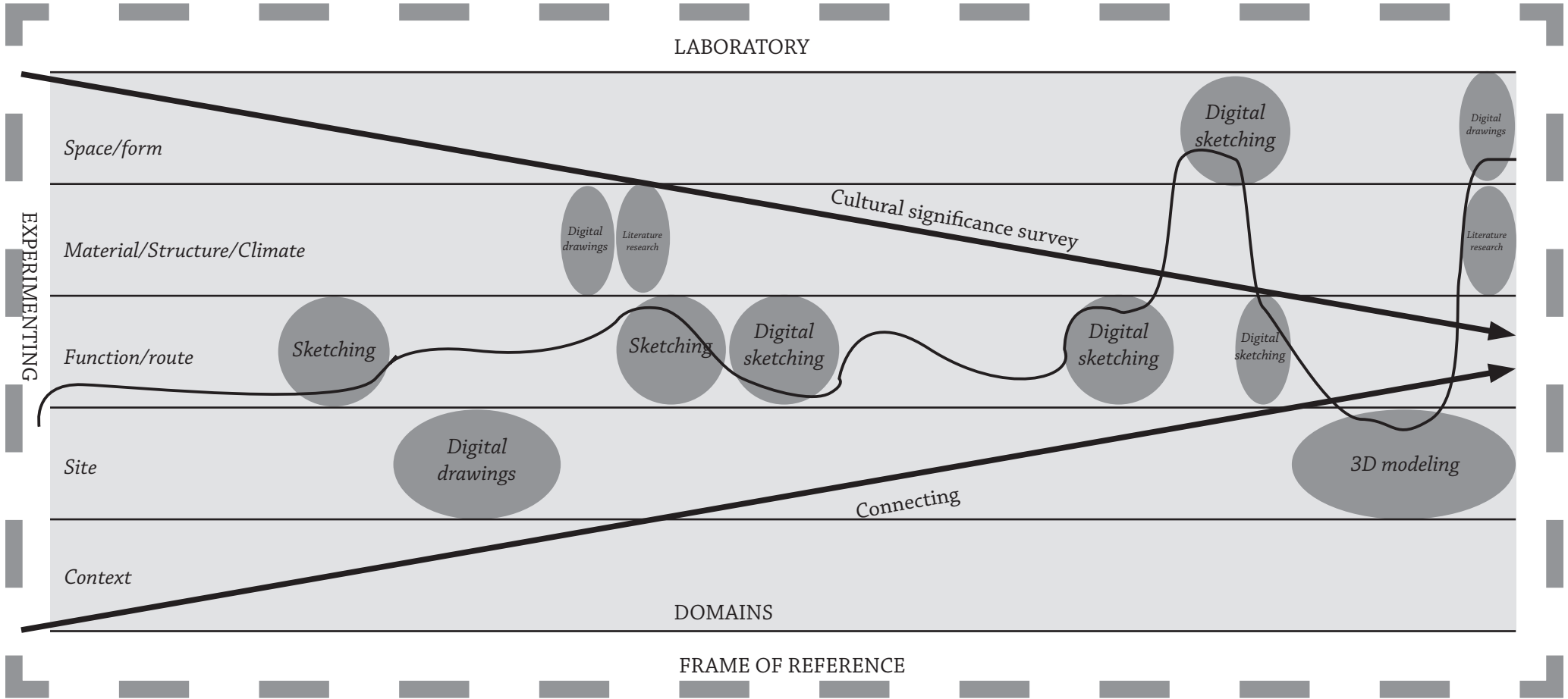
Digital sketching

Digital drawings

3D modeling

Cultural significance survey

Connecting



5. Reflection

Thanks to reflecting this design process on the theory by Van Dooren (2013) it appeared that, although much experimenting was done, this was mostly performed in the same domain. Also the same laboratory methods have been used in many of them.

In the next design this would preferably change. Using more different methods to experiment and experimenting in more different domains might possibly bring a whole new dimension to the design. Finding solutions or making design decisions that would be possible otherwise.

The use of two guiding theme really supported the design process. While the cultural significance survey mainly focussed on the facades and materialisation, the other guiding theme, connecting, really supported decisionmaking in the floorplans. Both came together in the domain of site.

Combining this, together with some practical experiences during this design process, the following recommendations will be made regarding the illustration on the previous page.

Although Van Dooren in her research never describes her version of this illustration as being chronologically ordered, time passes when designing. Therefore this should be taken into account while making this graph.

Also, experimenting is not a continuous process. Some weeks there is no experimenting done due to other jobs that need to be done while designing. For example research into new materials or the production of products to show a client. Therefore the experimentation line should not be continuous.

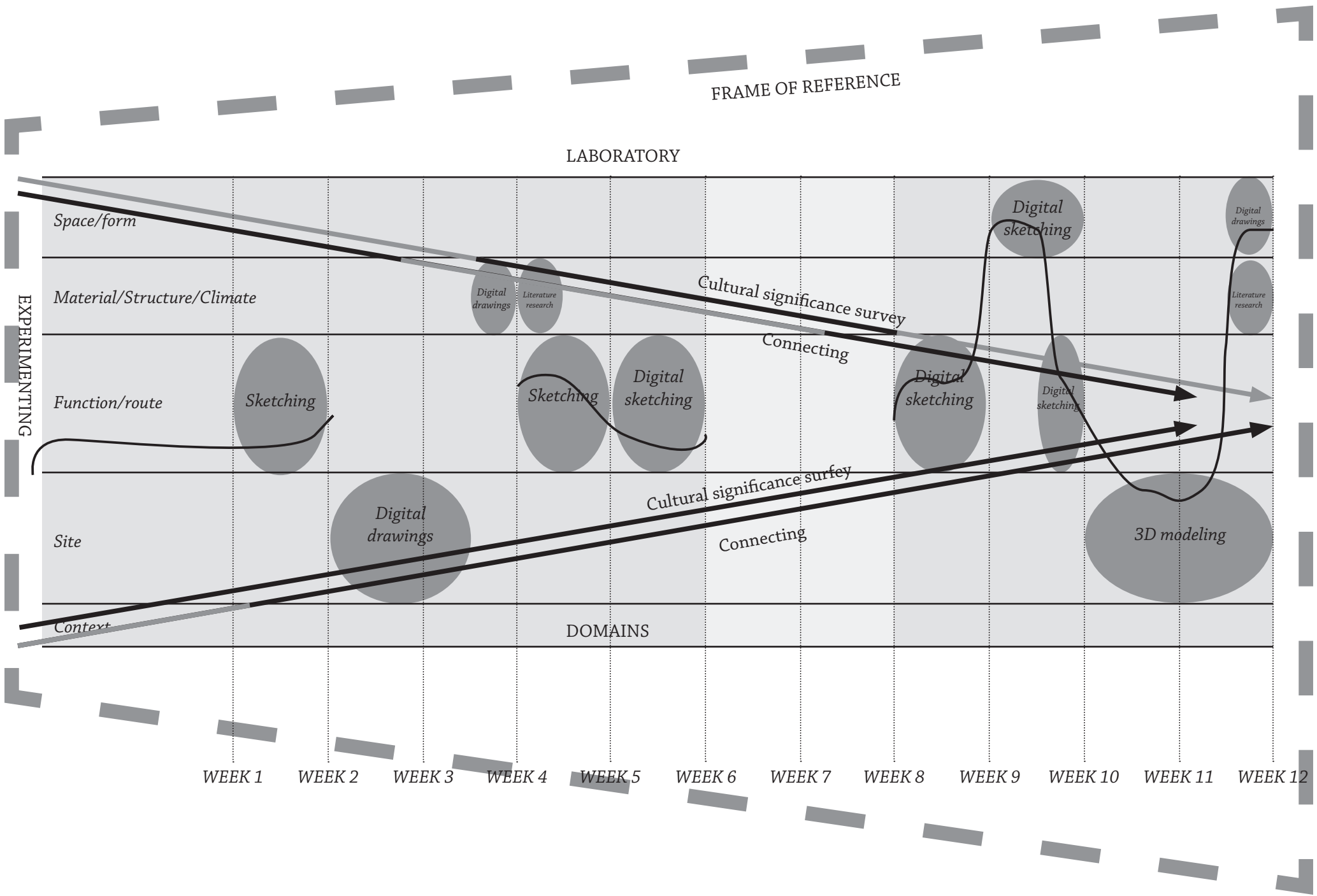
Guiding theme(s) are influential in the design but are not always present in the design process. Just like experimenting, at some points in the process, no decisions are made and therefore no guiding theme is present at that point.

Furthermore, the illustration by Van Dooren makes it appear that the guiding theme is present in every domain while some guiding theme may be more influential in some domains than others.

The frame of reference is knowledge that is always present and therefore borders the entire design process. During this process new information is gathered and new experiences are gained expanding the frame of reference. Therefore, the frame of reference should expand over time in the illustration.

Lastly, because in some domains more time was spent than in others, this could be emphasized by sizing their rows accordingly.

With all these recommendations taken into account, the illustration on the next page shows an improved version according to this design process.



LABORATORY

FRAME OF REFERENCE

EXPERIMENTING

DOMAINS

Space/form

Material/Structure/Climate

Function/route

Site

Context

Digital drawings

Literature research

Sketching

Sketching

Digital sketching

Digital sketching

Digital sketching

Digital drawings

3D modeling

Digital sketching

Digital drawings

Literature research

Cultural significance survey

Connecting

Cultural significance survey

Connecting

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WEEK 2

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WEEK 6

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WEEK 11

WEEK 12

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CHAPTER 3

**REVIEWING BUILT HERITAGE
THROUGH SOCIAL MEDIA**

Heritage & Design
Heritage impact assesment based on attributes and values conveyed by locals and tourist in Faro, Portugal

Heritage Impact Assessment

Heritage Impact Assessment

Technical University of Delft,
The Netherlands

Master Architecture
Studio

Msc 3-4
Heritage & Architecture
Revitalising Heritage: Faro Convention Labs

Roy Swinkels

4669010

Supervisors

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ABSTRACT | When designing, choices are made based on certain facts, beliefs or needs. What all these influences on design have in common is that the choices are always made with as goal to create the best possible outcome. When redesigning existing buildings one can go back to these influences to check if the new design is an actual improvement of the existing. This is exactly what this research is about. In the field of heritage and architecture Tarrafa and Pereira Roders (2012) have set up a value and attribute framework. During the fieldwork for the design discussed in this paper, this framework has been used to analyse facade attributes in the neighborhood of São Francisco, Faro, Portugal. The set of values extracted from this research connected to these attributes (Herck, van et al. 2022) now have been reflected on the redesign to determine if the new facades are appreciated more than the current situation. Due to the fact that only highly appreciated attributes have been used in the new design and disliked attributes were swapped for higher appreciated alternatives, the outcome of this research is that almost all facades have a higher appreciation than they had concluding that the method worked.

Keywords | *heritage impact assessment, urban rehabilitation, building attributes, tourism, São Francisco - Faro*

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3. Facade appreciation: Current state	08
4. Facade appreciation: Redesign	12
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1. Introduction

In the research called ‘Revealing built heritage through social media’ (Herck, van et al. 2022), facade attributes, in the São Francisco neighborhood, Faro, Portugal, (figure 1 and 2) were extracted from social media. This formed a base on which the game ‘o jogo de palavras’ was developed and later played in Faro with both locals and tourists. The participants of the game would connect words (hashtags), which conveyed certain values connected to the research by Tarrafa and Pereira Roders (2012), to pictures of facade attributes.

By doing this, the research revealed how the attributes were valued. These values would then be used for the redesign of existing buildings in the São Francisco neighborhood, the process of which gets described in ‘Redesigning built heritage through social media’ (Swinkels, 2022). Goal of this redesign was to improve the valuation of the buildings, specifically the facades.

This paper will dive deeper into this. Firstly explaining the methodology used to approach this review in a unbiased, systematic way in order to keep the results consistent. Then the existing situation will be reviewed using this method, followed by the new, redesigned, facades. Subsequently, these two reviews will be compared drawing the conclusion if the redesign had a positive impact on the heritage.

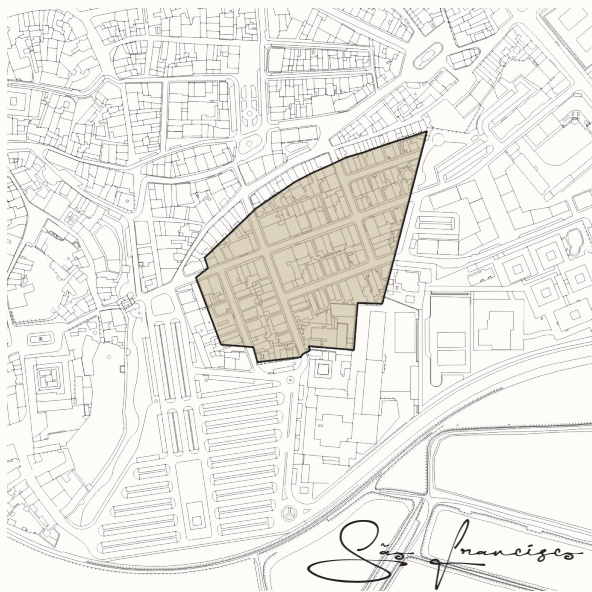


Figure 1. Part of Faro with São Francisco highlighted.

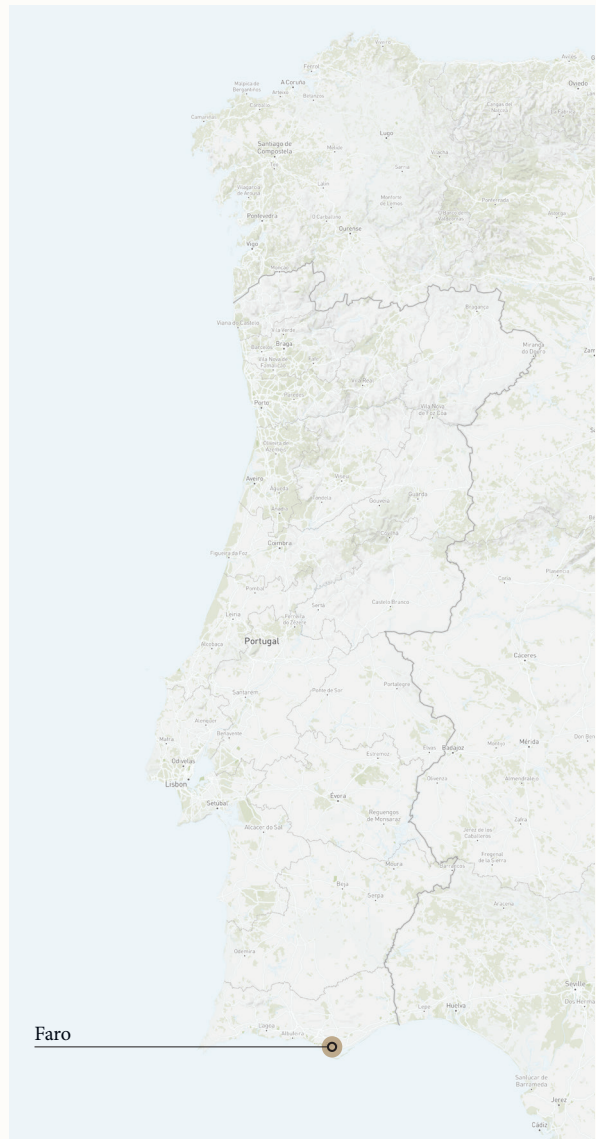


Figure 2. Map of Portugal with the location of Faro.

2. Methodology

This method has been built around the excel table containing all results from the game 'O jogo de palavras' (Appendix 3).

Firstly the words (hashtags) have been classified into three categories based on them being valued as a positive or negative influence on the facade. These categories are:

Positive: the hashtag is generally seen as having a positive influence on the facade appreciation. (green hashtags in figure 4)

Neutral: the hashtag can be seen as both a positive and negative influence or has no influence on the facade appreciation. (white hashtags in figure 4)

Negative: the hashtag is generally seen as having a negative influence on the facade appreciation. (red hashtags in figure 4)

To find out what the general appreciation is of every facade attribute the following calculation will be made using picture 1.1 as example:

Percentages from both tourists and locals per hashtag (figure 3) will be added up and divided by two (figure 4).


Then these results will be added up per category and then combined using the following formula:

$$\text{Neutral} + \text{Positive} - \text{Negative} = \text{Appreciation}\%$$

These appreciation percentages are then transformed into a number between 0 (being the least liked attribute) and 1 (the most liked attribute). Which then can be translated into shades of red for the disliked facades and green for the liked facades.

The facades will then be matched with attributes that have comparable attributes in the picture. Over these attributes, the shaded colors will be drawn. Layer over layer this will eventually reveal how every part of the facade has been evaluated. The darker the green, the more liked that part of the facade is. The darker the red, the less this part of the facade is liked.

Also the attribute appreciation numbers will be added up and divided by the attributes matched to the facade to find the average appreciation number of the facade. The higher this number, the more or higher appreciated attributes are present in the facade. This number can then be used to compare the results.



Hashtag	Tourist	Locals
Pride		
Memories	6,67%	6,67%
Expensive		
Cheap	6,67%	6,67%
Affordable		
Legal		
Illegal		
Typical	33,33%	40,00%
Authentic	33,33%	6,67%
Beautiful	6,67%	6,67%
Ugly		33,33%
Classic	46,67%	20,00%
Innovative		
Aged	86,67%	86,67%
Modern		
Sustainable		
Healthy		

Figure 3. Fragment from the game result table.



Pride	0,00
Memories	0,07
Expensive	0,00
Cheap	0,07
Affordable	0,00
Legal	0,00
Illegal	0,00
Typical	0,37
Authentic	0,20
Beautiful	0,07
Ugly	0,17
Classic	0,33
Innovative	0,00
Aged	0,87
Modern	0,00
Sustainable	0,00
Healthy	0,00
Totaal	10,71%
573,81	0,40%

Figure 4. Fragment of the attribute appreciation table.

3. Facade appreciation: Current state

After the research, a specific plot in the neighborhood has been chosen to be redesigned (figure 5). This plot exists of several one story buildings with authentic looking facades amidst multiple story, modernistic, apartment blocks (figure 6).

The facade appreciation will be done on the nine front facades which are included in the redesign. These facades are marked with the letters C, D, E, L, M, N, O, P, Q, which refer to the letters on the plots in figure 5.

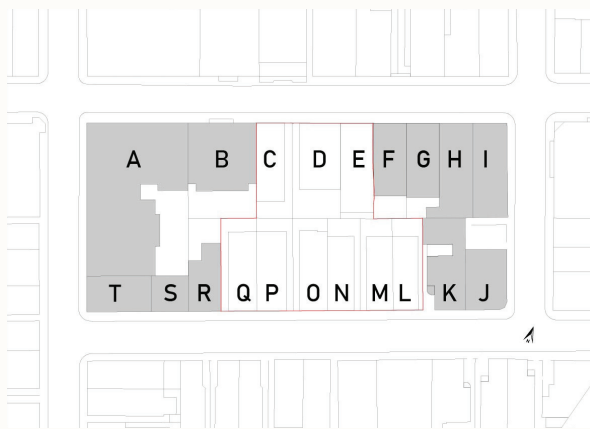


Figure 5. Part of the São Francisco neighborhood with plot letters and the redesign plot highlighted in red.

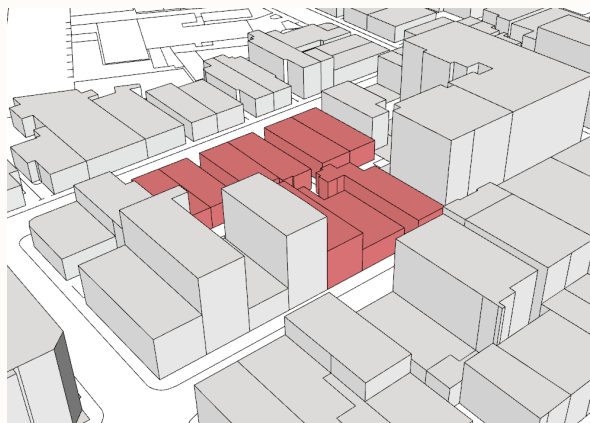


Figure 6. 3D view of the current state of the redesign plot.

3 Facade appreciation: Current state

PLOT C



Pictures matched: Appreciation score:

3.2 (Single door and window facade)	0,57
1.4 (Decorated light colored tile)	0,93
3.5 (Street lantern)	0,98
2.6 (Decorated stone window frame)	0,69
3.7 (Aluminium door)	0,02
2.10 (One story building street)	0,66

Average: 0,64

This facade is generally appreciated very positive except for the aluminium door.

PLOT D



Pictures matched: Appreciation score:

2.1 (Rounded decorated wooden door)	1,00
2.2 (Middle door facade)	0,66
3.5 (Street lantern)	0,98
2.6 (Decorated stone window frame)	0,69
2.10 (One story building street)	0,66

Average: 0,80

This facade is generally appreciated very positive, no attributes have been matched that were appreciated negatively.

PLOT E



Pictures matched: Appreciation score:

2.1 (Rounded decorated wooden door)	1,00
2.4 (Gradient tile)	0,48
2.6 (Decorated stone window frame)	0,69
3.7 (Aluminium door)	0,02
2.8 (Two story building)	0,51
3.9 (Plastic window frame)	0,41
1.10 (High story building street)	0,46

Average: 0,51

This facade is generally appreciated negatively. Only two elements were valued positively being the wooden decorated door and the stone window frame. The other attributes; the tiles, aluminium door, and plastic window frames on the first floor and the fact that this is a multiple story building all give a negative appreciation to this facade.

3 Facade appreciation: Current state

PLOT L



Pictures matched:

Appreciation score:

1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
3.7 (Aluminium door)	0,02
2.10 (One story building street)	0,66

Average: 0,53

This facade is generally appreciated very positive except for the aluminium door.

PLOT M



Pictures matched:

Appreciation score:

1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
2.7 (Decorated plastic door)	0,77
3.9 (Plastic window frame)	0,41
2.10 (One story building street)	0,66

Average: 0,65

This facade is generally appreciated very positive. Only the plastic window frame is disliked.

PLOT N



Pictures matched:

Appreciation score:

1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
3.1 (Square decorated wooden door)	1,00
2.10 (One story building street)	0,66

Average: 0,77

This facade is generally appreciated very positive, no attributes have been matched that were appreciated negatively.

3 Facade appreciation: Current state

PLOT O



Pictures matched:

Appreciation score:

1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
2.7 (Decorated plastic door)	0,77
3.9 (Plastic window frame)	0,41
2.10 (One story building street)	0,66

Average: 0,65

This facade is generally appreciated very positive. Only the plastic window frame is disliked.

PLOT P



Pictures matched:

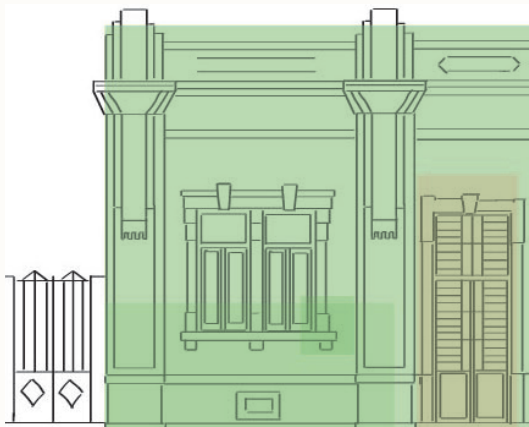
Appreciation score:

1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
2.7 (Decorated plastic door)	0,77
2.10 (One story building street)	0,66

Average: 0,77

This facade is generally appreciated very positive, no attributes have been matched that were appreciated negatively.

PLOT Q



Pictures matched:

Appreciation score:

1.1 (Rusted metal door)	0,40
1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
3.6 (Multi colored decorated facade)	0,65
2.10 (One story building street)	0,66

Average: 0,63

This facade is generally appreciated very positive except for the rusted metal door.

4 Facade appreciation: Redesign

The facade appreciation analysis of the current state was made during the redesign phase. Actions in the redesign were taken according to the results of this analysis. Attributes that received a negative appreciation were replaced for higher appreciated alternatives.

Besides these changes in the design, other, more intrusive, design choices have been made. With as goal to densify the neighborhood and make housing more affordable, the houses on the south side of the plot (plots L to Q (figure 5)) have been split up into two parts with a staircase in between to addition on top of the existing structure (figure 7). This also creates a new, second, front facade which will be subjected to the same analysis as the other front facades.

On the north side of the plot (plots C, D and E (figure 5)), several floors have been added to the existing structure. Again to desify and make housing more affordable but on this side also to make it fit in more with the other multiple story buildings in the surroundings (figure 8).

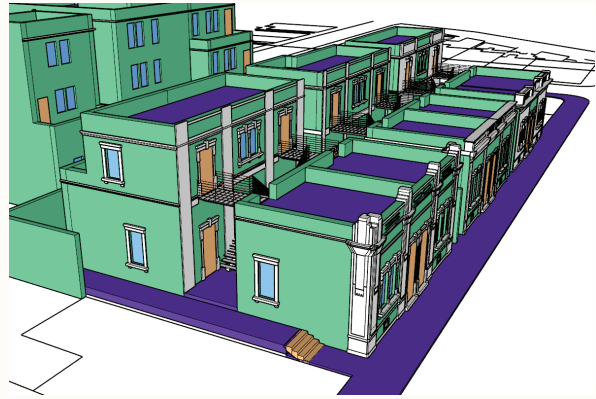


Figure 7. 3D view of the south side of the redesign.

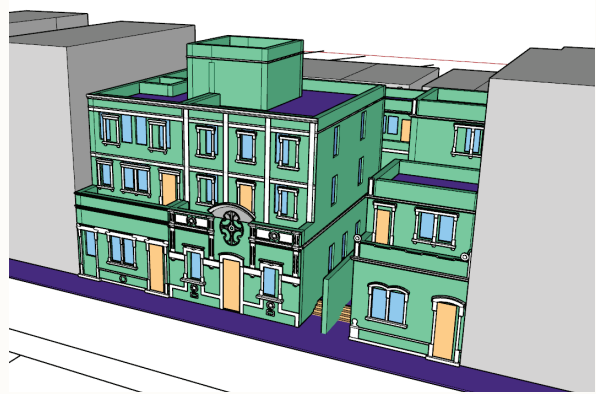
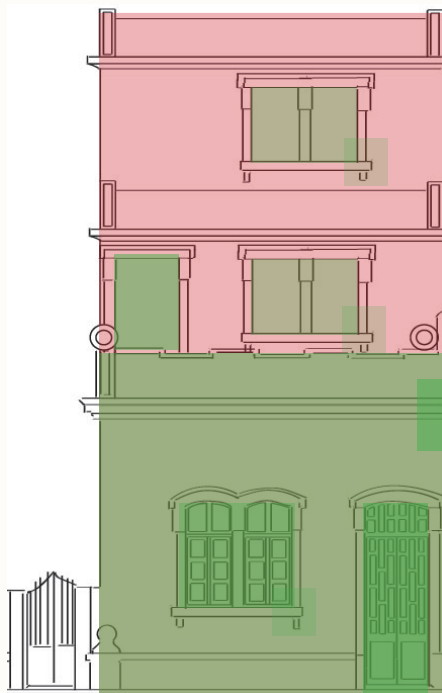


Figure 8. 3D view of the north side of the redesign.

4 Facade appreciation: Redesign

PLOT C



Pictures matched:

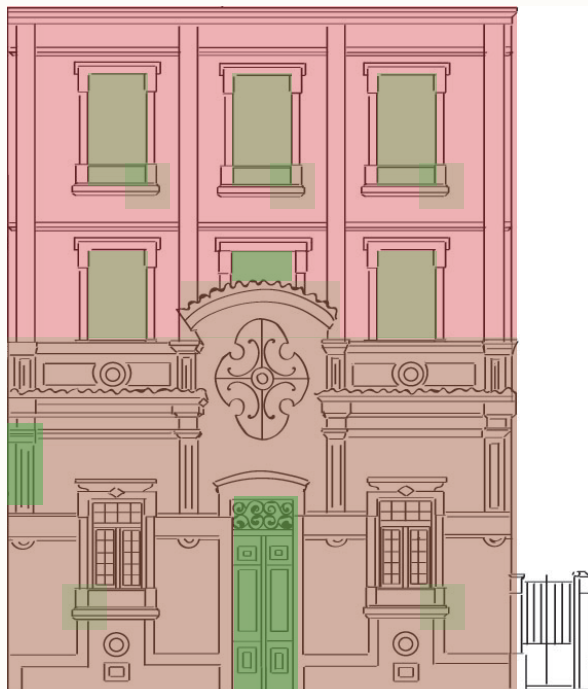
Appreciation score:

2.1 (Rounded decorated wooden door)	1,00
3.2 (Single door and window facade)	0,57
1.4 (Decorated light colored tile)	0,93
3.5 (Street lantern)	0,98
2.6 (Decorated stone window frame)	0,69
3.8 (Multiple story building)	0,19
1.9 (Wooden window frame)	0,83
1.10 (High story building street)	0,46

Average: 0,71

This facade was firstly appreciated positively except for the aluminium door. This door has now been replaced with a higher appreciated door. Furthermore, two stories have been added on top. This connects other attributes to this facade that convey negative appreciation. In general however, the appreciation score of this facade has been improved.

PLOT D



Pictures matched:

Appreciation score:

2.1 (Rounded decorated wooden door)	1,00
2.2 (Middle door facade)	0,66
3.5 (Street lantern)	0,98
2.6 (Decorated stone window frame)	0,69
3.8 (Multiple story building)	0,19
1.9 (Wooden window frame)	0,83
1.10 (High story building street)	0,46

Average: 0,68

This is the only facade where the appreciation score has drastically decreased. Mainly due to the addition of two more stories on top of this building.

4 Facade appreciation: Redesign

PLOT E



Pictures matched:

Appreciation score:

3.1 (Square decorated wooden door)	1,00
2.6 (Decorated stone window frame)	0,69
1.9 (Wooden window frame)	0,83
1.10 (High story building street)	0,46

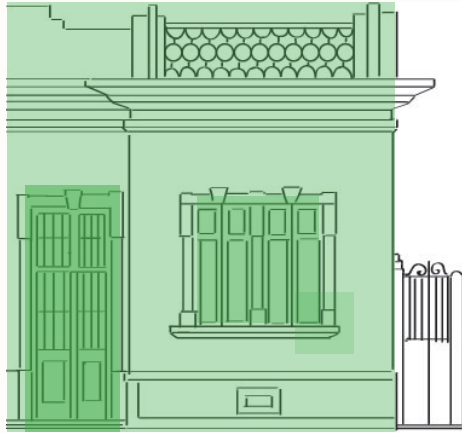
Average:

0,75

By swapping the negatively appreciated attributes in this facade to higher appreciated attributes the appreciation score has risen although another floor was added on top of the existing structure.

4 Facade appreciation: Redesign

PLOT L



Pictures matched:

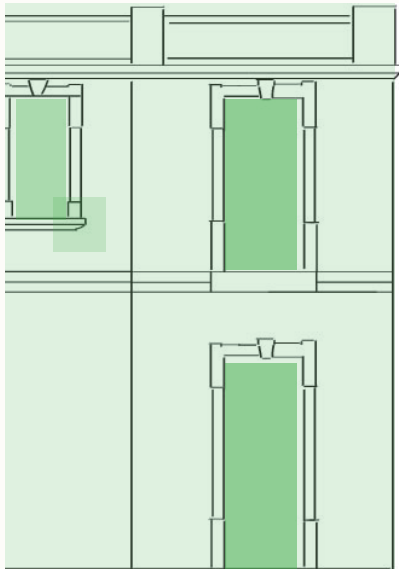
Appreciation score:

3.1 (Square decorated wooden door)	1,00
1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,77

The appreciation score of this facade has been improved by swapping the disliked aluminium door for a higher appreciated alternative.

PLOT L2



Pictures matched:

Appreciation score:

3.1 (Square decorated wooden door)	1,00
2.6 (Decorated stone window frame)	0,69
2.8 (Two story building)	0,51
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,74

Although buildings with multiple stories are generally appreciated less than single story buildings, this facade still has a high appreciation score. This is mainly due to the fact that this new facade has been built up out of highly appreciated attributes which occur in existing facades.

4 Facade appreciation: Redesign

PLOT M



Pictures matched:

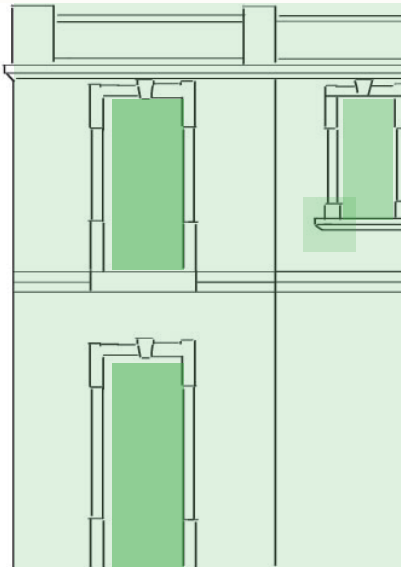
Appreciation score:

3.1 (Square decorated wooden door)	1,00
1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,77

The appreciation score of this facade has been improved by swapping the disliked plastic window frames for a higher appreciated alternative.

PLOT M2



Pictures matched:

Appreciation score:

3.1 (Square decorated wooden door)	1,00
2.6 (Decorated stone window frame)	0,69
2.8 (Two story building)	0,51
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,74

Although buildings with multiple stories are generally appreciated less than single story buildings, this facade still has a high appreciation score. This is mainly due to the fact that this new facade has been built up out of highly appreciated attributes which occur in existing facades.

4 Facade appreciation: Redesign

PLOT N



Pictures matched:

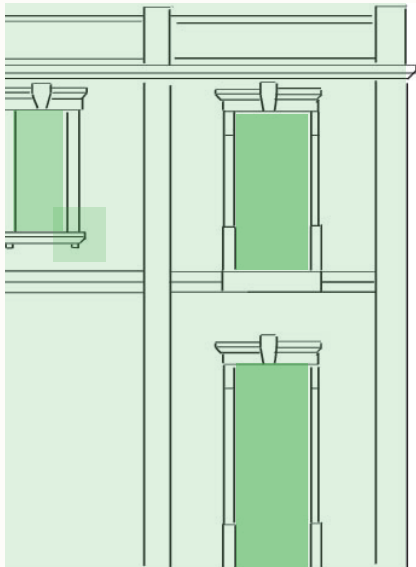
Appreciation score:

3.1 (Square decorated wooden door)	1,00
1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,77

The appreciation score of this facade has remained the same. As there were no negatively appreciated attributes in the facade, nothing as been changed.

PLOT N2



Pictures matched:

Appreciation score:

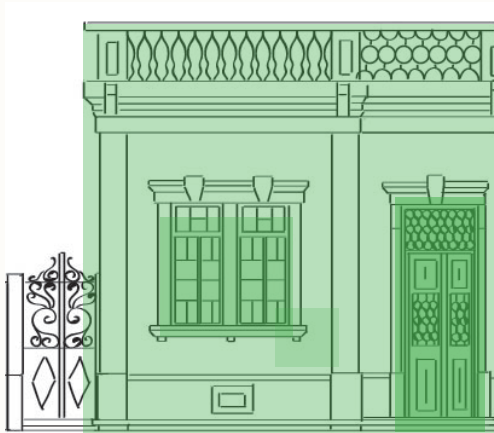
3.1 (Square decorated wooden door)	1,00
2.6 (Decorated stone window frame)	0,69
2.8 (Two story building)	0,51
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,74

Although buildings with multiple stories are generally appreciated less than single story buildings, this facade still has a high appreciation score. This is mainly due to the fact that this new facade has been built up out of highly appreciated attributes which occur in existing facades.

4 Facade appreciation: Redesign

PLOT O



Pictures matched:

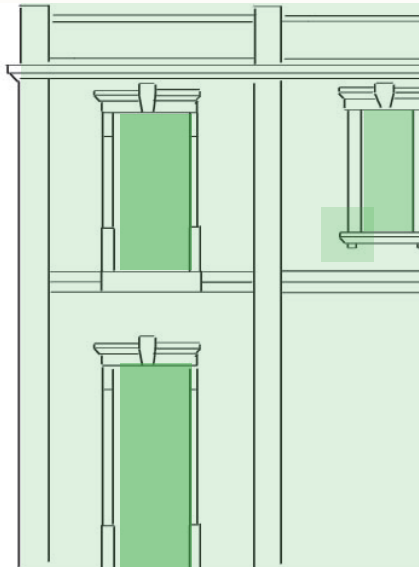
Appreciation score:

3.1 (Square decorated wooden door)	1,00
1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,77

The appreciation score of this facade has been improved by swapping the disliked plastic window frames for a higher appreciated alternative.

PLOT O2



Pictures matched:

Appreciation score:

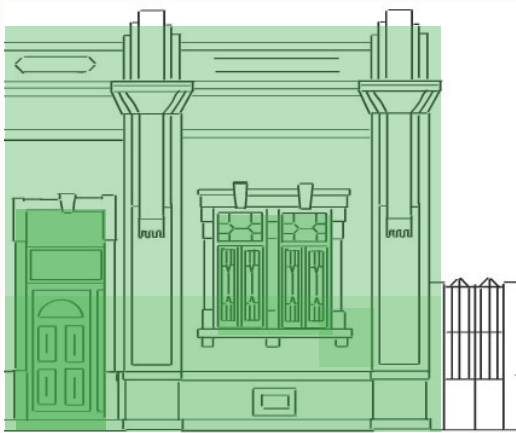
3.1 (Square decorated wooden door)	1,00
2.6 (Decorated stone window frame)	0,69
2.8 (Two story building)	0,51
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,74

Although buildings with multiple stories are generally appreciated less than single story buildings, this facade still has a high appreciation score. This is mainly due to the fact that this new facade has been built up out of highly appreciated attributes which occur in existing facades.

4 Facade appreciation: Redesign

PLOT P



Pictures matched:

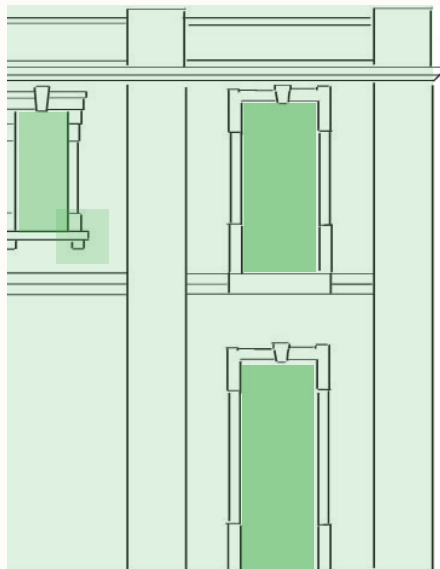
Appreciation score:

3.1 (Square decorated wooden door)	1,00
1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
3.6 (Multi colored decorated facade)	0,65
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,77

The appreciation score of this facade has remained the same. As there were no negatively appreciated attributes in the facade, nothing has been changed.

PLOT P2



Pictures matched:

Appreciation score:

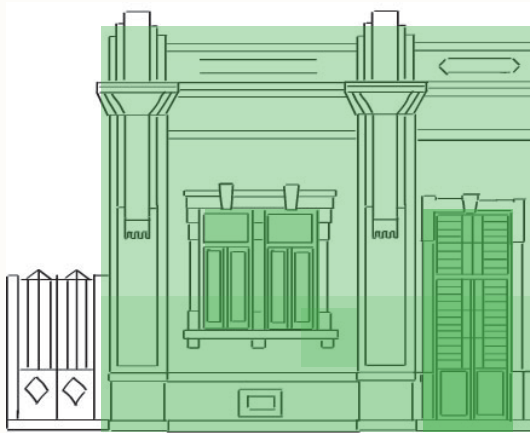
3.1 (Square decorated wooden door)	1,00
2.6 (Decorated stone window frame)	0,69
2.8 (Two story building)	0,51
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,74

Although buildings with multiple stories are generally appreciated less than single story buildings, this facade still has a high appreciation score. This is mainly due to the fact that this new facade has been built up out of highly appreciated attributes which occur in existing facades.

4 Facade appreciation: Redesign

PLOT Q



Pictures matched:

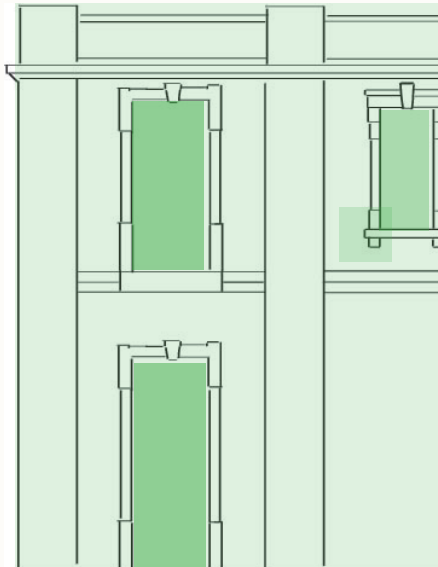
Appreciation score:

3.1 (Square decorated wooden door)	1,00
1.2 (Two houses with shared facade)	0,75
2.6 (Decorated stone window frame)	0,69
3.6 (Multi colored decorated facade)	0,65
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,77

The appreciation score of this facade has been improved by swapping the disliked rusted metal door for a higher appreciated alternative.

PLOT Q2



Pictures matched:

Appreciation score:

3.1 (Square decorated wooden door)	1,00
2.6 (Decorated stone window frame)	0,69
2.8 (Two story building)	0,51
1.9 (Wooden window frame)	0,83
2.10 (One story building street)	0,66

Average: 0,74

Although buildings with multiple stories are generally appreciated less than single story buildings, this facade still has a high appreciation score. This is mainly due to the fact that this new facade has been built up out of highly appreciated attributes which occur in existing facades.

5. Conclusion

The appreciation scores of most facades have risen or remained the same in the redesign as can be seen in table 1. This is due to the fact that during the design process only highly appreciated attributes were used. Also attributes present in the current facades that were disliked were swapped for higher appreciated alternatives.

Only for the facade of plot D the score has gone down. This is not due to attributes that were disliked but because multiple floors have been added on top of the current structure. Because of this, pictures were matched to this facade containing multiple story buildings. These buildings have a different building style that was disliked by the questionees (Herck, van et al. 2022)

Reflecting these score improvements on design choices made, there can be concluded that the right choices have been made. Ofcourse, the choices made do not give the one and only right answer on how to redesign these facade, but it proves that the method, turning social media posts into design choices, worked.

Plot	Current state appreciation	Redesign appreciation
C	0,64	0,71
D	0,80	0,68
E	0,51	0,75
L	0,53	0,77
L2		0,74
M	0,65	0,77
M2		0,74
N	0,77	0,77
N2		0,74
O	0,65	0,77
O2		0,74
P	0,77	0,77
P2		0,74
Q	0,63	0,77
Q2		0,74

Table 1. Facade appreciation score per plot of current state and redesign.

6. Reflection

To improve this method, a second research, using the new facades as a base, could be done. Feeding this into a second game of 'o jogo de palavras' provides a broader but more specific value set.

By doing this, new values influenced by the redesign or other unlooked for causes, can by doing this be included into the research giving a more accurate result.

An example of how this could influence the outcome of the research is the facade on plot D. The appreciation score of this facade has decreased as discussed in the conclusion. If there would be results of a second research, other higher building facades with higher appreciated attributes could be matched to the new facade on plot D. This could have a massive influence on the outcome of the appreciation scores.

References

Van Herck, K., Sahin, E., Swinkels, R., Pereira Roders, A., De Andrade, B., Tarrafa Silva, A. (2022). Revealing built heritage through social media. (Unpublished)

Swinkels, R. (2022), Redesigning built heritage through social media. (Unpublished)

Tarrafa Silva, A., & Pereira Roders, A. (2012, januari). Cultural Heritage Management and Heritage (Impact) Assessments. International Conference on Facilities Management, Cape Town, South Africa. From: https://www.researchgate.net/publication/323783537_Cultural_Heritage_Management_and_Heritage_Impact_Assessments

Appendix 1: Dictionary Definitions

Definitions

Every hashtag will be explained according to its dictionary definition. Afterwards the hashtag-value connection will be clarified, all these value explanations are referring to the paper of Tarrafa and Pereira Roders (2012)

Pride

A feeling of being pleased or satisfied that you get when you or people who are connected with you have done something well or own something that other people admire ("Pride," n.d.)

Value connection:

Social: one of the secondary values of the social value, emotional collective, gets described as cultural identity which includes pride.

Political: symbolic is one of the secondary values of the political value containing emblematic and prosperous perceptions.

Memories

A thought of something that you remember from the past ("Memories," n.d.).

Value connection:

Social: related to secondary value described as "emotional individual" referring to personal life experiences.

Historic: In the historic value, some secondary values end with: "... , which are now part of history". This history is something people can convey memories to.

Expensive

Costing a lot of money ("Expensive," n.d.).

Value connection:

Economic: one of the secondary values connected to the economic value is allegorical which is focussed on publicizing financial property.

Cheap

Costing little money or less than is usual or expected ("Cheap," n.d.).

Value connection:

Economic: one of the secondary values connected to the economic value is allegorical which is focussed on publicizing financial property

Affordable

Able to be bought or rented by people who do not earn a lot of money ("Affordable," n.d.).

Value connection:

Economic: one of the secondary values connected to the economic value is allegorical which is focussed on publicizing financial property.

Legal

Allowed by the law ("Legal," n.d.).

Value connection:

Political: part of this value is explained as management which include strategies and policies.

Illegal

Not allowed by the law ("Illegal," n.d.).

Value connection:

Political: part of this value is explained as management which include strategies and policies.

Typical

Showing all the characteristics that you would usually expect from a particular group of things ("Typical," n.d.).

Value connection:

Historic: related to the secondary value historic artistic which is a testimony of stylistic attributes that are now part of history.

Aesthetical: connected to the secondary value evidential which relates to an authentic exemplar of a decade.

Age: from the secondary value existential which refers to marks of the time passed on the attributes.

Authentic

Known to be real and what somebody claims it is and not a copy ("Authentic," n.d.).

Value connection:

Historic: related to the secondary value historic artistic which is a testimony of stylistic attributes that are now part of history.

Aesthetical: connected to the secondary value evidential which relates to an authentic exemplar of a decade.

Age: from the secondary value existential which refers to marks of the time passed on the attributes.

Beautiful

Having an attractive quality that gives pleasure to those who experience it or think about it ("Beautiful," n.d.).

Value connection:

Aesthetical: secondary value artistic referring to an original product of creativity

Ugly

Unpleasant in appearance ("Ugly," n.d.).

Value connection:

Aesthetical: secondary value artistic referring to an original product of creativity

Classic

Attractive, but simple and traditional in style or design; not affected by changes in fashion ("Classic," n.d.).

Value connection:

Historic: related to the secondary value historic artistic which is a testimony of stylistic attributes that are now part of history.

Scientific: secondary value conceptual, integral materialization of conceptual intentions.

Innovative

Using new methods or ideas ("Innovative," n.d.).

Value connection:

Scientific: workmanship, human labour leading to an original result

Age: from the secondary value existential which refers to marks of the time passed on the attributes.

Aged

Old: having lived or existed for many years ("Aged," n.d.).

Value connection:

Historic: related to the secondary value historic artistic which is a testimony of stylistic attributes that are now part of history.

Age: from the secondary value existential which refers to marks of the time passed on the attributes.

Modern

Using or based on recently developed ideas, methods, or styles ("Modern," n.d.).

Value connection:

Scientific: secondary value conceptual, integral materialization of conceptual intentions.

Age: from the secondary value existential which refers to marks of the time passed on the attributes.

Sustainable

causing, or made in a way that causes, little or no damage to the environment and therefore able to continue for a long time ("Sustainable," n.d.).

Value connection:

Scientific: secondary value conceptual, integral materialization of conceptual intentions.

Ecological: the secondary value 'essential' is described as ecological ideologies shown on a design or construction.

Healthy

Having, showing, or encouraging good health ("Healthy," n.d.).

Value connection:







Ecological: Spiritual as a secondary value related to harmony between the building and its environment.






Appendix 2: Social media table








nr.	Local (0) / Tourist (1)	Hashtag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hashtags	Atribute	Post Date	Post Season	Links
1	0	#tourismodefaro		Museu Municipal de Faro	Portugese	Já conhece o Antigo Convento de Nossa Senhora da Assunção e que, atualmente, é a "casa" do @museumunicipalde Faro No Dia Internacional dos Monumentos e Sítios serão organizadas visitas orientadas a este notável edifício quinhentista. Para participar basta aparecer no dia 18 de abril, entre as 11h30 e as 16h, na entrada do Museu Municipal (Largo D. Afonso III).	It already knows the former convent of Our Lady of the Assumption and which is currently the "house" of @museum Cultuilde Faro on the International Day of Monuments and Sites will be organized guided visits to this remarkable 16th century building. To participate, just appear on April 18, between 11:30 and 16h, at the entrance of the Municipal Museum (Largo D. Afonso III).	pt	#MunicipiodeFaro #CityBreak #Algarve #Portugal #Europe #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #IgersFaro #Faro #MuseuMunicipalDeFaro #Convento #Convent #Museu #Museum #Museo	Building detail	14 april 2022	spring	https://www.instagram.com/p/CcSvjERIYMO/
2	0	#tourismodefaro		Praça Dom Marcelino Franco, Faro	Portugese	O centro histórico de Faro revela-nos muitas surpresas e uma delas é o Palacete Belmarço, um exemplo raro da arquitectura revivalista e arte-nova no Algarve, projectado em 1912 por Norte Júnior para um rico comerciante de café.	Faro's historic center reveals us many surprises and one of them is the Belmarço Palace, a rare example of revivalist architecture and a new art in the Algarve, projected in 1912 by Norte Júnior to a rich coffee merchant.	pt	#faroportugal #turismodefaro #algarve #visitportugal #super_portugal #wow_portugal #olhar_de_portugal #amar_portugal #olhoportugues #portugal_lovers #amar_portugal #portugalemperspectiva #brasileirosemportugal #exploringportugal #dicasdeportugal #beautifuldestinations #seemycity #bestcitybreaks #travelpassion #visiteurope #map_of_europe #incredible_europe #APHotelsandResorts #APEvasenses #algarve #algarvelovers #algarvetourism #visitalgarve #Faro #VisitFaro #faroportugal #RiaFormosa #hotel #hoteis #hotels #events #evento #eventos #ferias #vacations #history #turismodefaro #FaroAlgarve #portugal #algarve #faro #sightseeing #traveltheworld #wanderlust #viajeros #travelpography #travelgram #photooftheday #picoftheday #fotografia #photography #sobrelugares #thebestdestinations #feliz #faroportugal #MunicipiodeFaro #CityBreak #Algarve #Portugal #Europe #Faro2027 #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #IgersFaro #Faro	Building	5 february 2022	winter	https://www.instagram.com/p/C2modhLsnLe/
3	0	#tourismodefaro		Arco da Vila	Portugese	O Arco da Vila, a 5 minutos a pé do AP Eva Senses, é um dos monumentos mais visitados em Faro. Este monumento medieval foi inaugurado no século XIX e é digno da sua visita.	The village arc, 5 minutes walk from the AP Eva Senses, is one of the most visited monuments in Faro. This medieval monument was inaugurated in the nineteenth century and is worthy of his visit.	pt	#faroportugal #RiaFormosa #hotel #hoteis #hotels #events #evento #eventos #ferias #vacations #history #turismodefaro #FaroAlgarve #portugal #algarve #faro #sightseeing #traveltheworld #wanderlust #viajeros #travelpography #travelgram #photooftheday #picoftheday #fotografia #photography #sobrelugares #thebestdestinations #feliz #faroportugal #MunicipiodeFaro #CityBreak #Algarve #Portugal #Europe #Faro2027 #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #IgersFaro #Faro	Building	19 april 2022	spring	https://www.instagram.com/ap.evasenses/
4	1	#tourismodefaro		Faro, Portugal	Spanish			en	#holafaro #holafaro #portugal #algarve #faro #sightseeing #traveltheworld #wanderlust #viajeros #travelpography #travelgram #photooftheday #picoftheday #fotografia #photography #sobrelugares #thebestdestinations #feliz #faroportugal #MunicipiodeFaro #CityBreak #Algarve #Portugal #Europe #Faro2027 #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #IgersFaro #Faro	Building	8 april 2022	spring	https://www.instagram.com/p/CcGKJicK5Q5/
5	0	#tourismodefaro		Faro, Portugal	Portugese	Retrato de Faro Rua da Cruz (Bairro Ribeirinho)	Faro portrait Rua da Cruz (Ribeirinho neighborhood)	pt	#holafaro #holafaro #portugal #algarve #faro #sightseeing #traveltheworld #wanderlust #viajeros #travelpography #travelgram #photooftheday #picoftheday #fotografia #photography #sobrelugares #thebestdestinations #feliz #faroportugal #MunicipiodeFaro #CityBreak #Algarve #Portugal #Europe #Faro2027 #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #IgersFaro #Faro	Street	8 maart 2022	winter	https://www.instagram.com/p/Ca1lxr0IQ-7/
6	0	#tourismodefaro		Sé Catedral, Faro	Portugese	Um dos muitos tesouros do centro histórico de Faro: a vista deslumbrante de 360 graus sobre a cidade e a ria desde a Torre Sineira da Sé Catedral.	One of the many treasures of the historic center of Faro: the stunning view of 360 degrees over the city and the laugh from the Cathedral Sé Cathedral tower.	pt	#faroportugal #turismodefaro #algarve #visitportugal #super_portugal #wow_portugal #olhar_de_portugal #amar_nortugal #faroportugal #turismodefaro #algarve #visitportugal #super_portugal #wow_portugal #olhar_de_portugal #amar_portugal #olhoportugues #portugal_lovers #amar_portugal #portugalemperspectiva #brasileirosemportugal #exploringportugal #dicasdeportugal #beautifuldestinations #seemycity #bestcitybreaks #travelpassion #visiteurope #map_of_europe #incredible_europe #naturallycurious	City view	22 february 2022	winter	https://www.instagram.com/p/CaCfub_sirL/
7	0	#tourismodefaro		Arco da Vila, Faro	Portugese	Podemos entrar no centro histórico de Faro pelo Arco da Vila, esta fantástica porta neoclássica datada de 1812 e desenhada pelo arquitecto italiano Francisco Xavier Fabri. No nicho sobre o arco pode ver-se a imagem de São Tomás de Aquino, padroeiro de Faro desde 1620. E no topo do arco, vemos a Ermida da Nossa Senhora do Ó que remonta ao século XIV e foi construída ao nível do então caminho de ronda da muralha. Roteiro pedestre autoguiado na Walkbox: O Essencial de Faro, 3km	We can enter the historic center of Faro by the Arco da Vila, this fantastic neoclassical door dated 1812 and designed by Italian architect Francisco Xavier Fabri. In the niche on the bow you can see the image of St. Thomas Aquinas, patron of Faro since 1620. And at the top of the bow, we see the chapel of Our Lady of O that dates back to the fourteenth century and was built at the level of the then way of the wall of the wall. Roadmap Self -Guided Pedestrian at Walkbox: The Essential of Faro, 3km	pt	#faroportugal #turismodefaro #algarve #visitportugal #super_portugal #wow_portugal #olhar_de_portugal #amar_nortugal #faroportugal #turismodefaro #algarve #visitportugal #super_portugal #wow_portugal #olhar_de_portugal #amar_portugal #olhoportugues #portugal_lovers #amar_portugal #portugalemperspectiva #brasileirosemportugal #exploringportugal #dicasdeportugal #beautifuldestinations #seemycity #bestcitybreaks #travelpassion #visiteurope #map_of_europe #incredible_europe #naturallycurious	Building	8 januari 2022	winter	https://www.instagram.com/p/CYerp0NMAvG/









nr.	Local (0) / Tourist (1)	Hashtag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hashtags	Attribute	Post Date	Post Season	Links
8	0	#tourismodefaro		As linhas e formas modernistas da Avenida 5 de Outubro	Portugese	Retrato de Faro As linhas e formas modernistas da Avenida 5 de Outubro	Faro portrait The lines and modernist forms of Avenida 5 de Outubro	pt	#MunicípiodeFaro #CityBreak #Algarve #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #Portugal #Europe #Europa #FaroModernista #ArquiteturaModernista #Modernism #Modernismo #PorquêFaro #WhyFaro #TurismoDeFaro	Building	5 april 2022	spring	https://www.instagram.com/p/Cb9orFDoToB/
9	0	#tourismodefaro		Palacete Belmarço	Portugese	Bom dia #Faro Na imagem: Palacete Belmarço, um dos mais interessantes exemplares da arquitetura revivalista no	Good morning #faro In the image: Palacete Belmarço, one of the most interesting copies of revivalist architecture in #Algarve.	pt	#ArquiteturaRevivalista #Algarve #Faro #Portugal #WhyFaro #CityBreak #Portugal #Europe #Faro2027 #TurismoDeFaro	Building	29 mei 2021	spring	https://www.instagram.com/p/CPcypYfhkms/
10	0	#tourismodefaro		Villa Adentro	Portugese	As ruas pitorescas do centro histórico. Somos suspeitos, mas são tão encantadoras	The picturesque streets of the historic center. We are suspects, but they are so charming	pt	#ArquiteturaRevivalista #Faro #Portugal #WhyFaro #CityBreak #Algarve #Portugal #Europe #Faro2027 #TurismoDeFaro	Street	21 augustus 2021	summer	https://www.instagram.com/p/CS1TU32oz9G/
11	0	#tourismodefaro		Arco da Vila	Portugese	O registo do fotógrafo João Cabrita, desde o Arco da Vila até à emblemática Praça Dom Francisco Gomes d' Avelar.	The record of photographer João Cabrita, from the arc of the village to the emblematic Dom Francisco Gomes d' Avelar Square.	pt	#MunicípiodeFaro #PorquêFaro #WhyFaro #CityBreak #Algarve #MunicípiodeFaro #PorquêFaro #WhyFaro #CityBreak	Building detail	15 september 2021	summer	https://www.instagram.com/p/CT2RDYgoJU6/
12	0	#tourismodefaro		Faro, Portugal	Portugese	As várias camadas da cidade. Que edifícios/monumentos identifica nesta fotografia?	The various layers of the city. What buildings/monuments identifies in this photograph?	pt	#Faro #Portugal #Faro2027 #TurismoDeFaro #FaroCapital #MunicípiodeFaro #PorquêFaro #WhyFaro #CityBreak #Algarve #MunicípiodeFaro #PorquêFaro #WhyFaro #CityBreak	City view	22 november 2021	fall	https://www.instagram.com/p/CWlB7O3oFwd/
13	0	#tourismodefaro		Arco da Vila	Portugese	O pitoresco centro histórico de Faro é conhecido por Vila-a-Dentro e a ele se pode aceder pelo Arco da Vila, a porta monumental construída em 1812 no sítio onde antes existia uma entrada na muralha medieval. Roteiro pedestre autoguiado na Walkbox: O Essencial de Faro, 3km	Faro's picturesque historic center is known as village-a-Dentro and can be accessed by the village bow, the monumental door built in 1812 at the site where there was once an entrance to the medieval wall. Roadmap Self-Guided Pedestrian at Walkbox: The Essential of Faro, 3km	pt	#Faroportugal #turismodefaro #algarve #visitalgarve #visitportugal #super_portugal #wow_portugal #olhar_de_portugal #amar_portugal #olhoportugues #portugal_lovers #amar_portugal #portugalemperspectiva #brasileirosemportugal #exploringportugal #MunicípiodeFaro #CityBreak #Algarve #Portugal #Europe #Faro2027 #TurismoDeFaro #MunicípiodeFaro #CityBreak #Algarve #Portugal #Europe #Faro2027 #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #igersFaro #Faro	Street	12 december 2021	fall	https://www.instagram.com/p/CXYZsk4s8Tz/
14	0	#tourismodefaro		Faro, Portugal	Portugese	O famoso habitante da porta 26 na Rua da Madalena	The famous inhabitant of door 26 at Rua da Madalena	pt	#MunicípiodeFaro #CityBreak #Algarve #Portugal #Europe #Faro2027 #TurismoDeFaro #MunicípiodeFaro #CityBreak #Algarve #Portugal #Europe #Faro2027 #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #igersFaro #Faro	Door	18 december 2021	fall	https://www.instagram.com/p/CXn6SK9jS1/
15	0	#tourismodefaro		torre da Ermida de Santo António	Portugese	Sabia que poderá subir a torre da Ermida de Santo António do Alto? Visite de terça-feira a sábado, das 9h às 15h, com entrada gratuita	Did you know that you can climb the Tower of the Chapel of St. Anthony from Alto? Visit Tuesday to Saturday, from 9am to 3pm, with free admission	pt	#PorquêFaro #WhyFaro #CityBreak #Algarve #Portugal #Europe #Faro2027 #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #igersFaro #Faro	Building	9 februari 2022	winter	https://www.instagram.com/p/CZwPE2Wi93f/
16	0	#tourismodefaro		rua Teresa Ramalho Ortigão	Portugese	Mural de azulejos, com representação de São Francisco de Assis, na rua Teresa Ramalho Ortigão	Tile Wall, representing St. Francis of Assisi, at Teresa Ramalho Ortigão Street	pt	#Faro2027 #Faroalgarve#faro#visitfaro#igersfaro#farobuildings#algarve#algarvebuilding#algarveportugal#thealgarve#myalgarve#igersalgarve#ig_algarve_#ig_algarve#amaralgarve#amar_algarve#thuisinportugal#thuisinidealgarve#howtoalgarve#algarvelikealocal#algarvetips#super_algarve#super_portugal#visitalgarve#visitportugal#algarvetourism#cantskipportugal#rantsinalgarve#disc	Streetart	22 oktober 2021	fall	https://www.instagram.com/p/CVVFbYulgKt/
17	0	#faroalgarve		Faro, Portugal	Portugese	The Palacete Belmarço is one of the more emblematic buildings of the city of Faro. It is located on the corner of Largo D. Marcelino Franco and the streets of S. Francisco and José Maria Brandeiro. It was built at the beginning of the 20th century (1912) by renowned architect Manuel Joaquim Norte Júnior on behalf of the wealthy merchant Manuel de	The Palacete Belmarço is one of the more emblematic buildings of the city of Faro. It is located on the corner of Largo D. Marcelino Franco and the streets of S. Francisco and José Maria Brandeiro. It was built at the beginning of the 20th century (1912) by renowned architect Manuel Joaquim Norte Júnior on behalf of the wealthy merchant Manuel de	en	#Faro2027 #Faroalgarve#faro#visitfaro#igersfaro#farobuildings#algarve#algarvebuilding#algarveportugal#thealgarve#myalgarve#igersalgarve#ig_algarve_#ig_algarve#amaralgarve#amar_algarve#thuisinportugal#thuisinidealgarve#howtoalgarve#algarvelikealocal#algarvetips#super_algarve#super_portugal#visitalgarve#visitportugal#algarvetourism#cantskipportugal#rantsinalgarve#disc	Building	8 februari 2021	winter	https://www.instagram.com/p/CLCFuLkMaXw/

nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Attribute	Post Date	Post Season	Links
18	0	#faroalgarve		Faro	Portuguese	O Arco da Vila, a 5 minutos a pé do AP Eva Senses, é um dos monumentos mais visitados em Faro. Este monumento medieval foi inaugurado no século XIX e é digno da sua visita.	The village arc, 5 minutes walk from the AP Eva Senses, is one of the most visited monuments in Faro. This medieval monument was inaugurated in the nineteenth century and is worthy of his visit.	pt	#APHotelsandResorts #APEvaSenses #algarve #algarvelovers #algarvetourism #visitalgarve #Faro #VisitFaro #faroportugal #RiaFormosa #hotel #hoteis #hotels #events #evento #eventos #ferias #vacations #history #turismodefaro #FaroAlgarve #cultura #culture #faroportugal #faroalgarve #faro #cidades #cityphotography #earth #cannon_photos #cannon #instaphotoshoot #fotografie #fotoshoot #fotografia #fotos #instafotografia	Building	19 april 2021	spring	https://www.instagram.com/p/CciemLeIF8o/
19	1	#faroalgarve		Faro	pt			pt	#instafoto #ontheroad #vegetação #portugalgems photoartist #photoartistic #portugal #portugalagramas #photography #photo #photograph #floresnaturais #flowers #earth #cannon_photos #irdemochila #portugal #loule #faro #faroalgarve #municipiodefaro #visitportugal #turismodeportugal #turismorural #fimdesemana #roadtrip #travelbloggerspt #fugadoviajante #fugasporportugal #sapoviagens #abvppt #roadtripportugal #travelpportugal #descobrirportugal #olhoportugues #portugal_em_fotos #portugaldenorteadul #portugal_lovers #portugalemclicks #portugal_de_sonho #portugalemfotos #portugalframes #olhares_pt _pt #viajarportugal #algarve #fragmentsoflisbon #momondo #condenastraveller #fugadoviajante #fugasporportugal #hello_myreelworld #faro #faroportugal #faroalgarve #algarve #algarveportugal #amar_algarve #visitalgarve #visitalgarveportugal #visitfaro #algarvelovers #algarvetourism #algarvecoast #algarvealive #portugal #visitportugal #portugaltravel #super_portugal #amarportugal #portugal_de_sonho #portugalemcliiks #igersportugal #portugaldenorteadul #weroameurope #weroamsoutherneurope #faro #faroalgarve #faroportugal #exploringfaro #funinfaro #explorealgarve #algarve #algarveportugal #travelinginalgarve	City view	19 maart 2022	winter	https://www.instagram.com/p/Cch-D8pKczR/
20	1	#faroalgarve		Faro		Tentativa frustrada de subir à torre da Sé de Faro. Um clássico. Seguimos a nossa rota algarvia até à fronteira.	Frustrated attempt to climb the Tower of the Sé de Faro. One classic. We follow our Algarve route to the border.	pt		Building	18 april 2022	spring	https://www.instagram.com/p/CcseicNCTa/
21	1	#faroalgarve			pt		Tradition	en		Building	17 april 2022	spring	https://www.instagram.com/p/CcbMOvuxiF/
22	1	#faroalgarve		Faro	pt	Faro.. capital of Algarve...	Faro.. capital of Algarve...	en		Building	16 april 2022	spring	https://www.instagram.com/p/CcYeHupMWej/


nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Attribute	Post Date	Post Season	Links
23	0	#faroalgarve		Faro	pt	The perfect spot in Algarve for your family!	The perfect spot in Algarve for your family!		#book #booking #bookingportugal #algarve #faro #infaro #faroalgarve #stayathome #vacations #holiday #breakfast #minibreak #sun #summer #architecture #trending #travelphotography #travel #architecturedesign	Building detail	15 april 2022	spring	https://www.instagram.com/p/CcV18qmoi7H/
24	0	#faroalgarve		Faro	pt	Shopping with the best scenery in Faro, can you spot the extra visitors?	Shopping with the best scenery in Faro, can you spot the extra visitors?		#faro#faroportugal#turismofefaro#faroalgarve#PorqueFaro#WhyFaro#takemetochurch_ig#ig_algarve_#super_algarve#amar_algarve#algarvealive#visitalgarve#algarveportugal#algarvelovers##ruasportuguesas#portuguesearchitecturere#portuguesestreets#focuspt#portugal_de_sonho#portugal_em_fotos#olhar_de_portugal#portugalemclicks#portugalgems#capture_pt#cantskip	Building	20 maart 2022	winter	https://www.instagram.com/p/CbVikfIMDr7/
25	0	#faroalgarve		Faro	pt	Details of Faro	Details of Faro		#lookup#arcodavilafaro#arcodaviladefaro#faroalgarve#visitaro#farooldtown#ig_faro#igersfaro#algarve#algarveportugal#thealgarve#myalgarve#huisinportugal#thuisindealgarve#howtoalgarve#ig_algarve_#ig_algarve#amaralgarve#amar_algarve#super_algarve#super_portugal#visitalgarve#visitportugal#algarvealive#algarvelife#cantskipportugal#cantskipalgarve#traveralgarve#travelportugal#discoveralgarve	Building detail	20 maart 2022	winter	https://www.instagram.com/p/CbUlc41sWrv/
26	0	#faroalgarve		Faro	pt	Obra de Moradia em Faro (por NewofficeArquitetos)	Housing Work in Faro (by newofficearchitis)		#arquitetura #architecture #algarve #arquitetura #architecturephotography #arquiteturadesign #arq #arquiteturaeinteriores #arqdesign #arquilovers #arquiteto #architecture	Building detail	14 mei 2022	spring	https://www.instagram.com/p/CO2U_WUuKi/
27	1	#faroalgarve		Faro	canadian	Cemetery 1981 Algarve	Cemetery 1981 Algarve		#faroalgarve #faro #portugal_em_fotos #portugal_places #portugal_lovers #travelportugal #35mmfilm #filmcamera #travelonfilm #oldtrips #oldtravelphotos #hardilk25mm #movingabroad	Building detail	24 februari 2022	winter	https://www.instagram.com/p/CaVxw6Hsm-Q/
28	0	#faroalgarve		Faro	Irish	Loulé at Christmas	LOULÉ AT CHRISTMAS		#movingtoportugal #portugal #algarve #algarveportugal #quarteira #loule #faro #faroportugal #faroalgarve #visitportugal #algarvenature #visitalgarve #livinginportugal #portugalproperty #portugal #thealgarve #ig_algarve #ig_portugal_#ig_portugal_photo #portugalphotography #algarvephotographer #europe #quarteira #loule #loulé #featuremealgarve #christmas #christmasinportugal	Street	11 december 2021	fall	https://www.instagram.com/p/CXVWBMIo8n/

nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Atribute	Post Date	Post Season	Links	
29	0	#faroalgarve		Faro	Russian				#faro#faroportugal#faroalgarve#igreja#португалия#portugal#portugaltravel#portugal_em_fotos#portugal_lovers#portugal_de_sonho#portugal_em_fotos#portugal_photos#algarveportugal#fimdesemana#portugal_passion#verão#semfiltro#amar_portugal#amaralentejo#amar_portugal#portugal_lovers , #portugal_vision#portugal_em_clicks , #portugal_em_photos, #iloveportugal,#turismo , #portugalaliveportugal_passion#portugal_imagens#portugal_a_gramas#photogaleria_portugal	Building	4 oktober 2021	fall	https://www.instagram.com/p/CUnAaKH0THm/	
30	0	#faroalgarve		Faro	Portuguese		It's beginning to look a lot like Christmas	It's beginning to look a lot like Christmas	en	#faro #faroportugal #faro2027 #turismodefaro #faroalgarve #PorquêFaro #natalemfaro #luzesdenatal #natalemportugal #ig_algarve_#super_algarve #algarvealive #amar_algarve #visitalgarve #algarveportugal #focuspt #portugal_de_sonho #portugal_em_fotos #rotaportugal #euficoempportugal #olhar_de_portugal #portugalgems #olhoportugues #portugalemclicks #talentoportuguespt #capture_pt #clicks_pt #cantskipportugal #sharingportugal #wetravelportugal #algarveportugal #algarvecoast #algarvetourism #visitalgarve #algarvelovers #faroalgarve #louléalgarve #portugalholiday #portugalholidays #visitportugal #algarveholidays #traveldepartment	Street	5 december 2021	fall	https://www.instagram.com/p/CXHW0h5MkwS/
31	1	#faroalgarve		Faro	English	On our Algarve holidays, you can discover the traditional Portuguese town of Loulé and explore the charming cobbled lanes of Faro.	On our Algarve holidays, you can discover the traditional Portuguese town of Loulé and explore the charming cobbled lanes of Faro.	en	#faroportugal #faroalgarve #algarve #algarveportugal #algarvelovers #portugal #murs #porte #walls_talking #signspoetry	Building	29 november 2022	fall	https://www.instagram.com/p/CW3MLurUjpc/	
32	1	#faroalgarve		Faro	French	La rue de Faro dans laquelle nous avons logée était toute abîmée comme j'aime. Je disais hier à mon mari comme j'aime les failles, les fêlures et comme la perfection m'ennuie. Je trouve mon compte au Portugal souvent bien déglingué.	The street of Faro in which we have housed was all damaged as I like. I said yesterday to my husband as I like flaws, cracks and as perfection annoys me. I find my account in Portugal often well -defused.	fr	#faroportugal #faroalgarve #algarve #algarveportugal #algarvelovers #portugal #murs #porte #walls_talking #signspoetry	Door Tiles	3 december 2021	fall	https://www.instagram.com/p/CXBN8juMJGu/	
33	1	#faroportugal		Faro - Algarve, Portugal	France	Azulejo	Tile	pt	#azulejos #cityscapes #exploreportugal #portugalovers #travellife #travelcommunity #faro #faroportugal #algarve #portugal #visitportugal	Tiles	16 april 2022	spring	https://www.instagram.com/p/CcYXm-qlga/	







nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Atribute	Post Date	Post Season	Links
34	1	#faroportugal		Faro, Portugal	Germany	hi! me, the happy version	hi! me, the happy version		#inlovewithtiles #osterferien2022 #algarvetravel #algarveportugal #kleineauszeit #kleinerfeinerfeed #reisenmitkindern #ferienmitkindern #portugalmitkindern #minivlogseries #travelingwithkids #frühlingsanfang #kimxalgarve #kimxportugal	Door Tiles	20 april 2022	spring	https://www.instagram.com/p/CckB_ZWMVcb/
35	1	#faroportugal		Igreja do Carmo (Faro)	The Netherlands	Bovenin Faro vind je deze prachtige kerk. Een plaatje toch?! Hoewel ik de kerk van buiten het mooiste vind, komen de meeste mensen voor de kapel. Die is namelijk gebouwd van botten en schedels van overleden monniken. Ergens wel indrukwekkend, maar ik vond het vooral griezelig en had het al snel gezien	At the top of Faro you will find this beautiful church. A picture right?! Although I think the church is the most beautiful, most people come to the chapel. It is built from bones and skulls of deceased monks. Somewhere impressive, but I thought it was creepy and soon saw it	n1		Building	19 april 2022	spring	https://www.instagram.com/p/CcgS8A_rwV3/
36	1	#faroportugal		Faro	United States	More doors and tiles in Faro. I have been walking all over this little town but there are more and more doors around every corner ...	More doors and tiles in Faro. I have been walking all over this little town but there are more and more doors around every corner ...	en	#travelalgarve #travelportugal #faroportugal #beautifuldoors #solofemaetravel	Door	19 april 2022	spring	https://www.instagram.com/p/Ccf_grhquvo/
37	1	#faroportugal		Arco da Vila	Portugal	A vila é linda com seus prédios antigos e ruas estreitas que possuem todo o charme de Portugal Por esse caminho é possível chegar ao Largo da Sé, onde se encontra a Sé Catedral de Faro.	The village is beautiful with its old buildings and narrow streets that have all the charm of Portugal Along this way it is possible to reach the Largo da Sé, where the Cathedral of Faro is located.	pt	#faro #faroportugal #algarve	Street	17 april 2022	spring	https://www.instagram.com/p/CcaZ6EVsqnh/
38	1	#faroportugal		Faro (stad)	United States	Historic Faro.	Historic Faro.	en	#historicfaro #faroportugal #colorsofportugal	Building	19 maart 2022	winter	https://www.instagram.com/p/CbR2eqRO25x/
39	1	#faroportugal		Faro (stad)	France	est au ... Je suis allé à la découverte de Faro. Je ne sais pas trop quoi dire. Ce mélange de maisons traditionnelles pleines de charme mais en très mauvais état qui côtoient des immeubles au style... indéfinissable.	is at ... I went to discover Faro. I'm not sure what to say. This mixture of traditional houses full of charm but in very bad condition which rub shoulders with buildings in style ... indefinable.	fr	#lifeisblue #vanlife #travelphotography #photonature #photopaysage #naturephotography #aroutesansfin #fleurette #discover #fleurettediscover #campingcar #fulltimetravel #nomadlife #nomad #nomadict #voyageursdumonde #voyagepleintemps #vivreencampingcar	Building	17 maart 2022	winter	https://www.instagram.com/p/CbOifDMISPD/
40	1	#faroportugal		Faro - Algarve, Portugal	Belgium	Visite de Faro...ses ruelles, sa cathédrale, sa cité romaine... On vraiment apprécié la balade sous ce soleil. Les ruelles sont pleines de charme, toutes pavées avec soin. Les orangers embaument la place de la cathédrale. Nous nous sommes risoué à en	Visit of Faro ... its alleys, its cathedral, its Roman city ... We really enjoyed the ride under this sun. The alleys are full of charm, all steps with care. The orange trees hire Place de la Cathedral. We risked choosing a ... mmh. As well as a small bouquet of orange blossoms to flavor Alhus.	fr	#faroportugal#visitfaro#vanlifep ortugal#algarvelovers#albuslem inibus	Door	14 maart 2022	winter	https://www.instagram.com/p/CbE3_HkO84o/

nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Atribute	Post Date	Post Season	Links
41	1	#faroportugal		Faro	Germany	Portugal, Faro	Portugal, Faro	pt	#orange #mandarine #sky #portugal #faro #faroportugal #travel #holidays #holiday #holidayseason #travelphotography #travelgram #palm #Palmen #mediterranean #mediterranea #mediteranean	Door	6 maart 2022	winter	https://www.instagram.com/p/CaxEE9qApP1/
42	1	#faroportugal		Faro	Denmark			und	#streetart i #faroportugal	Streetart	19 december 2021	fall	https://www.instagram.com/p/CXqkvhJo4Mw/
43	1	#faroportugal		Faro	The Netherlands	Arboles frutales en el espacio publico.	Fruit trees in the public space.	es	#faroportugal	Greenery	18 december 2021	fall	https://www.instagram.com/p/CXoSu00Kyzd/
44	0	#faroportugal		Faro	Portugal	I am sure I already posted picture of this beautiful building in my feed but it's worth repeating	I am sure I already posted picture of this beautiful building in my feed but it's worth repeating	en	#portuguesedoors #portuguesewindows #portuguesehouse #faroportugal #faro #infaro #algarve #visitalgarve #algarveéumparaiso #portugal #visitportugal #faroportugal #faroalgarve #algarve #algarveportugal #algarvelovers #portugal #murs #porte #walls_talking #signspoetry	Door Tiles	14 december 2021	fall	https://www.instagram.com/p/CXd19oalUHb/
45	1	#faroportugal		Faro - Algarve, Portugal	France	La rue de Faro dans laquelle nous avons logée était toute abimée comme j'aime. Je disais hier à mon mari comme j'aime les failles, les fêlures et comme la perfection m'ennuie. Je trouve mon compte au Portugal souvent bien déglingué.	The street of Faro in which we have housed was all damaged as I like. I said yesterday to my husband as I like flaws, cracks and as perfection annoys me. I find my account in Portugal often well -defused.	fr		Door	3 december 2021	fall	https://www.instagram.com/p/CXBN8juMIGu/
46	1	#faroportugal		Faro	Spain	Calles viejas y con encanto de Portugal. En nuestro tour x el Algarve no solo vimos playas espectaculares sino que visitamos pueblos bonitos como faro, Tavira, carvoeiro... Y comimos fenomenal en todos! La Si hay algo que caracteriza a Portugal son los azulejos, normalmente de color azul, pero no pude resistirme a hacer fotos a esta fachada	Old and charming streets of Portugal. In our tour X the Algarve not only saw spectacular beaches but we visited beautiful villages such as Faro, Tavira, Carvoeiro ... and we ate phenomenal in all! The truth that I did not expect to eat so well there and it is If there is something that characterizes Portugal, they are the tiles, usually blue, but I could not resist taking pictures of this facade	es	#portugal #algarve #algarveportugal #algarvelovers #viajedelverano #verano #summer #summerdays #faro #faroportugal #travelgram #travelblogger #travelling #trip #traveltheworld #igttravel #travelblog #travelpics #wanderlust #travelmore #travelinspiration #instatravel #tourism #passportready #travelblogger #wanderlust #instapassport #iamtb #buscablogs #sheisnotlost #weartravelgirl #unidostravel #portugal #faro #faroportugal	Steet	19 september 2021	summer	https://www.instagram.com/p/CUAXg-4KJm6/
47	1	#faroportugal		Faro - Algarve, Portugal	Spain	. Y vosotros, soléis haceros fotos en fachadas chulas??	And you, do you usually take photos on cool facades?	es	#faro #faroportugal #portugal #farooldtown #oldtown #oldbuilding #plantpots #flowerpots #architecture #architecturephotography #architecturedetails #details #window #flowers #fartourism #colourful #summerholidays #summer #reflection	Door Tiles	20 september 2021	summer	https://www.instagram.com/p/CUATpYMUQj/
48	1	#faroportugal		Faro	Great Britain	Faro Old Town / Portugal	Faro Old Town / Portugal	en	#faro #faroportugal #portugal #farooldtown #oldtown #oldbuilding #plantpots #flowerpots #architecture #architecturephotography #architecturedetails #details #window #flowers #fartourism #colourful #summerholidays #summer #reflection	Window	12 september 2021	summer	https://www.instagram.com/p/CTutDaZsEQr/








nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Attribute	Post Date	Post Season	Links
49	1	#faroportugal		Muralhas de Faro	Italy	"O apreço exterior pela arte é a sobrecasca da inteligência." Eça de Queirós	"The outer appreciation for art is the overcask of intelligence." Eça de Queirós	pt	#faro #faroportugal #faroalgarve #visitfaro #muralhasdefaro #muralhas #cidadevelha #history #art #architecture #portugal #portugal #visitportugal #portugalpics #portugal_em_fotos #algarve #visitalgarve #algarvetourism #algarvetour #algarvelovers #travel #travellingthroughtheworld #sunnvdav #nicofthedav #lookup#arcodavilafaro#arcodaviladefaro#faroalgarve#visitfaro #farooldtown#ig_faro#igersfaro #algarve#algarveportugal#thealgarve#myalgarve#thuisinportugal#thuisindealgarve#howtoalgarve#ig_algarve_#ig_algarve#amafaroalgarve#faro#visitfaro#igersfaro#farobuildings#algarve#algarvebuilding#algarveportugal#thealgarve#myalgarve#igersalgarve#ig_algarve_#ig_algarve#amaralgarve#amar_algarve#thuisinportugal#thuisindealgarve#howtoalgarve #algarvelikealocal#algarvetips#super_algarve#super_portugal#visitalgarve#visitportugal#algarvetourism#cantskipportugal#cantskipalgarve#discoveralgarve#discoverportugal#travelalgarve	Street	11 september 2021	summer	https://www.instagram.com/p/CtrXgYqsajN/
50	0	#visitfaro		Faro	Portugal	Details of Faro	Details of Faro	en	#faroalgarve#faro#visitfaro#igersfaro#farobuildings#algarve#algarvebuilding#algarveportugal#thealgarve#myalgarve#igersalgarve#ig_algarve_#ig_algarve#amaralgarve#amar_algarve#thuisinportugal#thuisindealgarve#howtoalgarve #algarvelikealocal#algarvetips#super_algarve#super_portugal#visitalgarve#visitportugal#algarvetourism#cantskipportugal#cantskipalgarve#discoveralgarve#discoverportugal#travelalgarve	Building detail	20 maart 2022	winter	https://www.instagram.com/p/CbUlc41sWrv/
51	1	#visitfaro		Faro	Portugal	Het Palacete Belmarço is een van de meer karakteristieke gebouwen van de stad Faro. Het bevindt zich op de hoek van Largo D. Marcelino Franco en de straten van S. Francisco en José Maria Brandeiro. Het werd aan het begin van de 20e eeuw (1912) gebouwd door de bekende architect Manuel Joaquim Norte Júnior in opdracht van de rijke koopman Manuel de Jesus Belmarço die het als ...	The Palacete Belmarço is one of the more characteristic buildings of the city of Faro. It is located on the corner of Largo D. Marcelino Franco and the streets of S. Francisco and José Maria Brandeiro. It was built at the beginning of the 20th century (1912) by the well-known architect Manuel Joaquim Norte Júnior on behalf of the rich merchant Manuel de Jesus Belmarço who started using it as his home. If you look closely at the building, you will see that the decision of the building has many ...	n1	#faroalgarve#faro#visitfaro#igersfaro#farobuildings#algarve#algarvebuilding#algarveportugal#thealgarve#myalgarve#igersalgarve#ig_algarve_#ig_algarve#amaralgarve#amar_algarve#thuisinportugal#thuisindealgarve#howtoalgarve #algarvelikealocal#algarvetips#super_algarve#super_portugal#visitalgarve#visitportugal#algarvetourism#cantskipportugal#cantskipalgarve#discoveralgarve#discoverportugal#travelalgarve	Building	8 februari 2022	winter	https://www.instagram.com/p/CLCfuLkMaXw/
52	0	#visitfaro		Faro	Portugal	Aproveita a estadia no nosso Hostel para conhecer Faro: Durante séculos, as muralhas fortificadas de Faro encerraram os tesouros mais intrigantes da cidade, desde Retrato de Faro	Take advantage of the stay at our hostel to meet Faro: For centuries, Faro's fortified walls ended the most intriguing treasures of the city, from the Cathedral Bones to a castle ...	pt	#MunicipiodeFaro #CityBreak #Algarve #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #Portugal #Europe #Europa #FaroModernista #ArquiteturaModernista #Modernism #Modernismo #faromodernist #faromodernista #arquitectura	Street	5 april 2022	spring	https://www.instagram.com/p/Cb9quncraOj/
53	1	#visitfaro		Avenida 5 de Outubro	Portugal	As linhas e formas modernistas da Avenida 5 de Outubro	The lines and modernist forms of Avenida 5 de Outubro	pt	#MunicipiodeFaro #CityBreak #Algarve #TurismoDeFaro #FaroAlgarve #FaroPortugal #VisitFaro #Portugal #Europe #Europa #FaroModernista #ArquiteturaModernista #Modernism #Modernismo #faromodernist #faromodernista #arquitectura	Building	5 april 2022	spring	https://www.instagram.com/p/Cb9orFD0ToB/
54	1	#visitfaro		Palacete Belmarco	Portugal	A Susana é outro elemento da nossa equipa! Muito brincalhona, bem disposta e sempre de sorriso na cara. Não se pode olhar ao seu tamanho porque a sua energia transborda. Desde que a Susana chegou ao Palácio, voltámos à comidinha de tacho	Susana is another element of our team! Very playful, well arranged and always smile on the face. You can't look at your size because your energy overflows. Since Susana arrived at the palace, we've returned to the Tacho Tree	pt	#palaciobelmarço #visitportugal #visitfaro #faroportugal #history #winetastingtour #winetasting #winetastingevent #winetastings #winetasting #winetastingparty #palace #bellolugar #escritoriosbonitos #lugaresbonitos #palacio #vinho #vinhosdeportugal #vinhobom #algarve #wonderful_places #arquitectura #arquitectura #architecture #algarve #arquitectura #architecturephotography #arquitecturadesign #arquitecturadeinteriores #arquidesign #arquilovers #arquitecto #architecture #architect #newoffice #faro #faroalgarve #moradia #morarnoalgarve #obra #multifamily #casa #arquitecturaurbanismo #arquitecturaurbanismo #arquitectura #architecture #algarve #arquitectura #architecturephotography #arquitecturadesign #arquitecturadeinteriores #arquidesign #arquilovers #arquitecto #architecture #architect #newoffice #faro #faroalgarve #moradia #morarnoalgarve #obra #multifamily #casa	Tiles	25 maart 2022	spring	https://www.instagram.com/p/CbhcxiuK7jo/
55	0	#visitfaro		Faro	Portugal	Por de trás desta porta conta-se uma história de décadas! Um novo começo por NewofficeArquitetos.	Behind this door tells a story of decades! A new start by newofficearquites.	pt	#arquitecturadesign #arquitecturadeinteriores #arquidesign #arquilovers #arquitecto #architecture #architect #newoffice #faro #faroalgarve #moradia #morarnoalgarve #obra #multifamily #casa #arquitecturaurbanismo #arquitecturaurbanismo #arquitectura #architecture #algarve #arquitectura #architecturephotography #arquitecturadesign #arquitecturadeinteriores #arquidesign #arquilovers #arquitecto #architecture #architect #newoffice #faro #faroalgarve #moradia #morarnoalgarve #obra #multifamily #casa	Door	14 maart 2022	winter	https://www.instagram.com/p/CbGUNUOoBOW/
56	0	#visitfaro		Faro	Portugal	Habitação Multifamiliar Projeto em desenvolvimento por NewofficeArquitetos Novidades para breve, desafiando a história..	Multifamily housing Project under development by newofficearchitis News soon, challenging the story! ..	pt	#arquitecturadesign #arquitecturadeinteriores #arquidesign #arquilovers #arquitecto #architecture #architect #newoffice #faro #faroalgarve #moradia #morarnoalgarve #obra #multifamily #casa	Door	14 maart 2022	winter	https://www.instagram.com/p/CbGT0jE144h/








nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Attribute	Post Date	Post Season	Links
57	0	#visitfaro		Faro	Portugal	Faro, Portugal Faro is a bigger city in the Algarve, but an underrated place to spend time. While everyone else heads to the beach clubs, you can walk through the old town without the crowds.	Faro, Portugal Faro is a bigger city in the Algarve, but an underrated place to spend time. While everyone else heads to the beach clubs, you can walk through the old town without the crowds.	en	#slowtravel #portugal #travelportugal #visitfaro #faroportugal #portugaltravel	Door	15 januari 2022	winter	https://www.instagram.com/p/CYvcgMHraMO/
58	1	#visitfaro		Faro	Portugal	Faro	Faro	pt	#faro #algarve #portugal #sidestreets #oldtown #visitportugal #travelblog #architecture #historical #faroportugal #visitfaro #photography #picturesque	Street	8 januari 2022	winter	https://www.instagram.com/p/CYeql2FLdBF/
59	1	#visitfaro		Faro	Portugal	This beautiful church in Faro deserves a look. In the backyard you can visit The Capela Dos Ossos built with monk's skeletons. Quite macabre but still very impressive. What strange things have been done in the name of religion Sabias que?	This beautiful church in Faro deserves a look. In the backyard you can visit The Capela Dos Ossos built with monk's skeletons. Quite macabre but still very impressive. What strange things have been done in the name of religion Did you know that?	en	#capeladosossosfaro #capeladosossos #visitfaro #portugal #faro #algarve #jacaranda #thechapelofbones #jacarandatree #neverstoptravelling #churchphotography #fomaltravelhotographer #faro #faroportugal #visitfaro #visitportugal #urban #urbanart #urbanartphotography #picoftheday #socialrepresentation #art	Building detail	9 december 2022	fall	https://www.instagram.com/p/CXQfUD_sWLd/
60	0	#visitfaro		Sao Francisco	Portugal	Esta obra de arte urbana resultou de um desafio lançado ao @_estudioonze Este moral colorido tem como principal foco "representações do crescimento sustentável do planeta e de várias	This urban work of art resulted from a challenge launched to @_estudioonze This colorful morality is focused on "representations of the sustainable growth of the planet and various communities, but also finishes messages that intend to reflect I am already in Switzerland again, but I don't want to withhold a few pictures of this beautiful and at the same time turbulent journey to the Algarve. For example from the beautiful tiled walls on an old house in Faro. I love these azulejos	pt		Streetart	17 november 2021	fall	https://www.instagram.com/p/CWYICLZNSpM/
61	1	#visitfaro		Faro	zwitserland	Zwar bin ich schon wieder in der Schweiz, will Euch aber ein paar Bilder dieser schönen und gleichzeitig auch turbulenten Reise an die Algarve nicht vorenthalten. Zum Beispiel von den schönen gekachelten Wänden an einem alten Haus in Faro. Ich *Arco da Vila*	I am already in Switzerland again, but I don't want to withhold a few pictures of this beautiful and at the same time turbulent journey to the Algarve. For example from the beautiful tiled walls on an old house in Faro. I love these azulejos	de	#azulejo #azulejos #azulejosdecorados #azulejosportugueses #instazulejo #tilecrush #fliesen #kacheln #handwerk #tradition #portugalliebe #typicallyportuguese #tilesfromportugal #portugesetiles #oldtiles #faro #visitfaro #sharingportugal #notuallovers #faro #visitfaro #whyfaro #hostellife #hostel #cultura #arcodavilafaro #arcodavila #baixaterracehostel	Tiles	17 november 2021	fall	https://www.instagram.com/p/CWXS1RKeSF/
62	0	#visitfaro		Arco da Vila	Portugal	Assente numa das portas medievais da cidade, este portal monumental foi mandado construir pelo Bispo D. Francisco Gomes de Avelar no séc. XIX e inaugurado em 1812. No interior, podemos ainda ver a Porta Árabe que azia parte das antigas muralhas	Set about one of the city's medieval doors, this monumental portal was built by Bishop D. Francisco Gomes de Avelar in the 19th century. XIX and inaugurated in 1812. Inside, we can also see the Arab door that heartbreak starts from the ancient Muslim walls and was the entrance to the city for those coming by sea. It is	pt		Building	26 oktober 2021	fall	https://www.instagram.com/p/CVf2TFWofMz/
63	0	#visitfaro		the Bone Chapel	Portugal	Even if you have no interest in the Bone Chapel, the interior and exterior of the Church itself are also worth visiting.	Even if you have no interest in the Bone Chapel, the interior and exterior of the Church itself are also worth visiting.	en	#LocalTukTuk #Comeasatourist #leavesalocal #faroportugal #visitfaro #faro #algarvelovers #algarvecoast #algarvealive #algarvetourism #nature #portugalovers #wonderlustportugal #faro #algarve #vilaadentro #arcodavila #ruadamisericordia #portugal #citycenter #beautifuldestinations #travel #travelgram #instatravel #lonelyplanet_es #total_streets #passionpassport #dametraveler #traveldrops #discoveralgarve #visitfaro #ig_portugal #arch #placestogo #streets #centro #thingstodo #topeuropephoto #Canon	Building	14 oktober 2021	fall	https://www.instagram.com/p/CVBEMD9Mzxf/
64	1	#visitfaro		Arco da Vila, Faro	spanish	The location of the monument makes the church building stand out in all its might against the small traditional houses. The interior, with its statues and golden details, is striking. Faro es un destino turístico, pero a excepción de un par de lugares y solo en determinadas horas, se respira tranquilidad y recorrer su centro histórico o "vila adentro" es una experiencia agradable en cualquier momento del día. Arco da Vila, Faro	The location of the monument makes the church building stand out in all its might against the small traditional houses. The interior, with its statues and golden details, is striking. Faro is a tourist destination, but except for a couple of places and only at certain times, you breathe tranquility and travel its historic center or "Vila inside" is a pleasant experience at any time of the day. Da Vila Arc, lighthouse	es		Building	14 september 2021	summer	https://www.instagram.com/p/CTOE8APNhUf/





nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Atribute	Post Date	Post Season	Links
65	1	#visitfaro		Faro - Algarve, Portugal	Brazil	Portas e azulejos portugueses	Portuguese doors and tiles	pt	#porta #portas #azulejosportugueses #azulejo #architecture #arquitetura #faropt #faro #Algarve #veraoeuropeu #verão #été #vacances #férias #portugal	Door Tiles	26 augustus 2021	summer	https://www.instagram.com/p/CTCD9h4D9kZ/
66	1	#visitfaro		Faro - Algarve, Portugal	Brazil	Um #Tbt de quando eu estava pisando (literalmente) em calçada(s) portuguesa(s) Mais especificamente de uma praça, em Faro.	A #tbt of when I was stepping (literally) on Portuguese sidewalk (s) More specifically from a square in Faro.	pt	#Tbt #faropt #calçadaportuguesa #vsco #travelp #portugal	Pavement	18 february 2021	winter	https://www.instagram.com/p/CLcy9Wdl4AQ/
67	1	#farocity		Faro - Algarve, Portugal	Portuguese	Arco da cidade velha	Old town bow	pt	#farocidadevelha#castelodefaro#ciudadedefaro#faro#faroportugal#farolovers#farocity#visitalgarve#algarvetourism#farooldtown#algarvelovers#algarvecoast#algarveportugal#patrimoniohistorico#patrimoniocultural#riaformosa#riaformosanaturalreserve#ciudadeshistóricas#portugalemclicks#portugal_a_gramas_amar_portugal#photogaleria_portugal#detalhes_do_click#portugal #faroportugal #faroéfaro #farocity #faroalgarve #farosunrise #sunrise #sunriselover #boat #boats #lights	Building detial	8 januari 2021	winter	https://www.instagram.com/p/CLy5wWpnSbz/
68	0	#farocity		Faro - Algarve, Portugal	Portuguese	Faro tem mais encanto na hora do amanhecer Viver aqui é um privilegio!	Faro has more charm at dawn Living here is a prevention!	pt	#portugal #portugalemfotos18 #portugalcomefeito #portugalemperspectivativa #streetphotographyinternacional #farocity #turism_algarve #fotografandocomamor #fotografiaslubna #passearsempre	City view	6 april 2021	spring	https://www.instagram.com/p/CNUaDaYBBaF/
69	0	#farocity		Faro - Algarve, Portugal	Portuguese	A caminho para o trabalho em dias de confinamento Dezembro 2021 Fotografia que vai ficar para a história !! Ruas e travessas da Cidade velha em Faro	On the way to work on confinement days December 2021 Photography that will stay for the story !! Streets and Old Town Offs in Faro	pt #lifestyletravel #algarvecoast #farocity	Street	11 april 2022	spring	https://www.instagram.com/p/CcOlwvjoDw1/
70	1	#farocity		Faro - Algarve, Portugal	Portuguese	Walking around in a sunny day Can you see the poetry? It's so good to feel like home again	Walking around in a sunny day Can you see the poetry? It's so good to feel like home again	en		Street	6 april 2022	spring	https://www.instagram.com/p/CcBhRcyN9qR/

nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Atribute	Post Date	Post Season	Links	
71	0	#farocity		Faro - Algarve, Portugal	Portuguese	A Primavera a chegar e as cegonhas nos seus ninhos Boa tarde	The spring coming and the stork in their nests Good afternoon	pt	#faroalgarve #faroportugal #faro #inalgarve #infaro #algarvelovers #portugal #algarve #algarveportugal #algarvelife #visitalgarve #farocity #algarveholidays #férias #algarvecompaixao	Building detail	30 maart 2022	spring	https://www.instagram.com/p/CbuvDNsiW5/	
72	0	#farocity		Faro	Portuguese	Faro é a minha cidade natal. Tem o nome original de Ossónoba dado pelos fundadores cartagineses devido à sua posição privilegiada junto ao mar. Entre os séculos III a.C. e VIII d.C., a cidade esteve sob domínio romano, Bizantino e visigodo. Hoje, a cidade de Faro é a Laranjeiras	Faro is my hometown. It has the original name of Ossónoba given by the Carthaginian founders due to their privileged position by the sea. Among the III A.C. and VIII AD, the city was under Roman, Byzantine and Visigodic rule. Today, the city of Faro is the political and administrative capital of the Algarve and has most of the administrative Orange trees	pt	#faro #faroportugal #algarve #algarveportugal #algarvelovers #algarvetourism #algarvealive #farocity #farotravel #portugaldenortea sul #portugal #portugal_lovers #portugaltravel #visitalgarve	City view	24 februari 2022	winter	https://www.instagram.com/p/CaVnUJqlq_B/	
73	1	#farocity		Faro - Algarve, Portugal	Dutch			pt	#laranjeiras #laranjeira #laranja #orangetrees #orangetree #citrus #frutos #faro #farocity #farocentro #visitalgarve #algarve #portugal #fromnltopt	Greenery	20 maart 2022	winter	https://www.instagram.com/p/CbUXO2jMxwD/	
74	0	#farocity		Faro	Portuguese				#rua #rua_do_albergue#centrohistórico #paredescalaçada #fachadas #cal #património_perdido #Farocity #hurbanismo #artederua #Algarve #arquitecturaperdida #photography #instagood #artist #photooftheday #instapic #instagram #arteurbana #grafite	Building detail	26 februari 2022	winter	https://www.instagram.com/p/CachRDEIjBE/	
75	0	#farocity		Faro - Algarve, Portugal	Dutch	If you walk through Faro city, you have the chance to encounter this street graffiti. It is made by: Studio Onze. In addition to works of art on your body (tattoos), these artists also make beautiful murals that radiate the Portuguese culture. Studio Onze sees Urban Art as an improvement of public space.	If you walk through Faro city, you have the chance to encounter this street graffiti. It is made by: Studio Onze. In addition to works of art on your body (tattoos), these artists also make beautiful murals that radiate the Portuguese culture. Studio Onze sees Urban Art as an improvement of public space. "The streets become real open-air galleries. Something that tells us a lot as an artistic collective"	en	#streetart#streetartalgarve#estudioonze#streetartportugal#urbanart#algarve#algarveportugal#thealgarve#myalgarve#faroportugal#igersfaro#farocity#igersalgarve#howtoalgarve#thisinportugal#thisindealgarve#super_portugal#super_algarve#amaralgarve#streetartphotography#amarportugal#algarvelikealocal#discoveralgarve#discoverportugal#travellalgarve#travellalgarve #PSD #edificiosantiguos #artdeco #estiloeléctico #sede #esquinas #Faro #farocity #algarve #algarvelovers #hurbanismo #politica #partidospoliticos #iluminação #instagram #instapic #instagrammers #blackandwhitephoto #blackandwhitephotography #	Streetart	26 februari 2022	winter	https://www.instagram.com/p/CabiOC4shyR/	
76	0	#farocity		Faro - Algarve, Portugal	Portuguese						Building detail	23 februari 2022	winter	https://www.instagram.com/p/CaUCwYElwi4/

nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Atribute	Post Date	Post Season	Links
77	1	#farocity		Faro - Algarve, Portugal	French	A la tombé de la nuit une des rues de Faro s'illumine de lampadaire d'époque qui donne une atmosphère toute particulière à ce quartier	At nightfall one of the streets of Faro lights up from the vintage floor lamp which gives a very special atmosphere to this district	fr	#nikonphoto #nikonFR #photographiedevoyage #nikonphotographie #artphotographie #instaphotographie #carnetdevoyages #instavoyages #carnetsdevoilage #voyeursdumonde #voyagevoyage #photovoyage #vlogphoto #Portugal #portugal #portugaltravel #portugalemclicks ... #faroportugal #farocity #faro #portugal #ilovetotravelaroundtheworld #travelphotography #travelling #ilovetotravelaroundtheworld → #travel #photoportugal	Street assecoury	8 february 2022	winter	https://www.instagram.com/p/CZuiDeSo3iZ/
78	1	#farocity		Faro - Algarve, Portugal	Ukrainian				#faroportugal #farocity #faro #portugal #ilovetotravelaroundtheworld #travelphotography #travelling #ilovetotravelaroundtheworld → #travel #photoportugal	Street	13 november 2021	fall	https://www.instagram.com/p/CWNob5gs7jg/
79	1	#farocity		Faro - Algarve, Portugal	Ukrainian				#faroportugal #farocity #faro #portugal #ilovetotravelaroundtheworld #travelphotography #travelling #ilovetotravelaroundtheworld #travelblogger #wondersoftheworld	Street	13 november 2021	fall	https://www.instagram.com/p/CWNn66Qsg9r/
80	1	#farocity		Faro - Algarve, Portugal	German	Happy Wife, happy life.	Happy Wife, happy life.	en	#farocity #portugal #portugaltravel #faro #algarve #algarveportugal	Tiles	15 oktober 2021	fall	https://www.instagram.com/p/CQDfUultC7f/
81	1	#farocity		Faro - Algarve, Portugal	English	Faro City Break Stylish Boutique Hotel Near from Faro Old Town Fantastic service Rooftop Terrace Near Meseu Regional Do Algarve	Faro City Break Stylish Boutique Hotel Near from Faro Old Town Fantastic service Rooftop Terrace Near Meseu Regional Do Algarve	en	#faro #farocity #algarve #portugal #faroboutiquehotel #travel #instagood #instatravel #bookwithtrust #travelgram #holiday #holidaygoals #citybreak #cityscape #explore	Building	03/07/2021	summer	https://www.instagram.com/p/CQ3r9lhbWe/
82	0	#farocity		Faro - Algarve, Portugal	Portuguese	Faro Boutique Hotel Faro City, Portugal 7 nights The old beer factory	Faro Boutique Hotel Faro City, Portugal 7 nights Room Only The old beer factory	en	#whitehousealgarve #whitehouse #thewhitehouse #boutiquevilla #algarve #portugal #faro #beer #factory #beerfactory #old #antigo #city #farocity #endlesssummer	Building detail	7 juni 2021	spring	https://www.instagram.com/p/CPz8KSEBh-l/

nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Atribute	Post Date	Post Season	Links
83	1	#farocity		Faro - Algarve, Portugal	German				#portugal #faro #farocity #photography #fotografie #blackandwhite #schwarzweiss #monochrome #detail #fassade #facade #sony #sonyalpha6500 #wennfotografenreisen #travelingphotograher #travelbug #reisefieber #reiselust #wanderlust #picoftheday #faro #portugal #holiday #easterholiday #oldtown #farooldtown #orangetrees	Street assecoury	22 januari 2021	winter	https://www.instagram.com/p/CKVw9RjLG/
84	1	#farooldtown		Faro	Great Britain	First day in Faro... I love the cobbled streets, but I do foresee an injury after a cocktail... or three!	First day in Faro... I love the cobbled streets, but I do foresee an injury after a cocktail... or three!	en		Greenery	12 april 2022	spring	https://www.instagram.com/p/CcQD_Ddja5Q/
85	1	#farooldtown		Faro - Algarve, Portugal	Great Britain	Beautiful orange trees in Faro Loved wandering around the cobbled trees of the old town in Faro. Every corner has something new to explore	Beautiful orange trees in Faro Loved wandering around the cobbled trees of the old town in Faro. Every corner has something new to explore	en	#portugal #algarve #faroportugal #faro #farodistrict #portugal_gems #portugal_lovers #exploreportugal #exploringfaro #portugal_places #portugaltravel #travel #travelphotography #travelgram #traveltheworld #traveleurope #europetravel #europedestinations #beautifuldestinations #farooldtown #ihavethisthingwithtiles #portugal	Greenery	9 april 2022	spring	https://www.instagram.com/p/CcJlDbJDmPh/
86	1	#farooldtown		Faro	Great Britain	Portuguese tiles serving the best photo backdrops	Portuguese tiles serving the best photo backdrops	en		Tiles	27 oktober 2021	fall	https://www.instagram.com/p/CVhtuBulPDs/
87	1	#farooldtown		Faro	Monaco	Wandering in the old town	Wandering in the old town	en	#unexpectedbeauty #street_photo #wanderinginthecity #walldeco #farooldtown #portugaltrip	Greenery	8 september 2021	summer	https://www.instagram.com/p/CTkajp7DQVs/
88	1	#farooldtown		Cidade Velha - Faro	France	Portugal jour 6: visite de Faro une jolie ville écrasée par le soleil qui semble malheureusement laissée à l'abandon. La vieille ville a échappé à la société de consommation ce qui lui confère un charme indéniable	Portugal Day 6: Visit of Faro A pretty town crushed by the sun which unfortunately seems to be abandoned. The old town has escaped the consumer society which gives it an undeniable charm	fr	#Portugal #visitportugal #algarve #faro #farooldtown #travelwithkids #wanderlust #cidadelvelhafaro	Street	12 augustus 2021	summer	https://www.instagram.com/p/CSc16ktsl2A/
89	0	#farooldtown		Faro	Portugal	Planned to have picture-book charm? Did this just happen as buildings went up or did the town planners in Faro set out to create something that presented a photo opportunity?	Planned to have picture-book charm? Did this just happen as buildings went up or did the town planners in Faro set out to create something that presented a photo opportunity?	en	#farooldtown #farooldcity #rooftopcharm #chimneys #cameraattheready #rooftiles	Roofs	14 mei 2021	spring	https://www.instagram.com/p/CO1_95_Bags/

nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Atribute	Post Date	Post Season	Links
90	0	#faroldtown		Faro	Portugal	Facade blues	Facade blues	en	#doorsofinstagram#doorsoft heworld#doorsofportugal#do orsofthealgarve#algarve#alga rveportugal#thealgarve#ig_al garve_#ig_algarve#amaralgar ve#amar_algarve#thuisinport ugal#thuisindealgarve#howt oalgarve#super_algarve#sup er_portugal#visitalgarve#visit portugal#algarvetourism#dis #portugaltrip #portugaise #orangetree #drzewapomarańczowe #pomarańcze #visitfaro #faroldtown #ourtripaftersolong #exploringportugal #faroportugal #polishgirlinportugal #polskadziewczynawpodróży	Building	27 maart 2022	spring	https://www.instagram.com/p/Cbn2PVsWAM/
91	1	#faroldtown		Faro	Poland	Drzewa pomarańczowe rosnące w starym mieście Faro	Orange trees growing in the Old Town of Faro	pl	#faroldtown #portugal #wandering #outdoor #algarve #travelgram #igarchitecture #travelphotography #beautifuldestinationsaroundw orld #discover #autumn #europetravel #colorfulhouses #potd #goodvibes #4is	Greenery	5 maart 2022	winter	https://www.instagram.com/p/Cau8esNN9kT/
92	1	#faroldtown		Faro	Belgium	Hello Faro	Hello Faro	en	#faroldtown #portugal #wandering #outdoor #algarve #travelgram #igarchitecture #travelphotography #beautifuldestinationsaroundw orld #discover #autumn #europetravel #colorfulhouses #potd #goodvibes #4is	Window	26 september 2021	fall	https://www.instagram.com/p/CUSsYzycQu/
93	1	#faroldtown		Faro	Great Britain	Front Doors of Faro	Front Doors of Faro	en	#faroldtown #portugal #frontdoorsofinstagram	Door	26 oktober 2021	fall	https://www.instagram.com/p/CVgO911IGQd/
94	1	#faroportugalpt		Faro	Great Britain	Recently I had a lovely holiday in Faro, Portugal It's a wonderful city with much to offer a short trip visitor. There was a lot of beautiful architecture being renovated. But there was still great beauty in the buildings La magestuosidad de la construcción humana	Recently I had a lovely holiday in Faro, Portugal It's a wonderful city with much to offer a short trip visitor. There was a lot of beautiful architecture being renovated. But there was still great beauty in the buildings The Magtuneosity of Human Construction	en	#beautyindecay #colourblocking #colourswatching #fairislecolourwork #woolcolours #vintagecolourlover #patina #mycolourfullinterior #rhubarbandcustard	Window	27-11-2021	fall	https://www.instagram.com/p/CWYbRMfidpV/
95	1	#faroportugalpt		Faro	Spain			es	#city #cityview #cityworld #cityofdreams #citystyle #cityblackandwhite #citylandscape #citylife #cityphotography #urbanitas #urban #arquitectura #arquitecturaydiseño #faroportugal	Building detail	4 september 2021	summer	https://www.instagram.com/p/CTZ5bhOqvGb/
96	1	#faroportugalpt		Faro	Russian	Цвета в этом городе просто радуют глаз	Colors in this city are just pleasing to the eye	ru		Door	21 april 2021	spring	https://www.instagram.com/p/CN760q9g4ML/

nr.	Local (0) / Tourist (1)	Hastag of Origin	Post	Location	Nationality of Origin	Caption	Caption Translated	Source language caption	Hastags	Attribute	Post Date	Post Season	Links
97	1	#faroportugalpt		The Castle - Old Town - Faro	German	F A R O • • • • Under the orange trees	F A R O • • • • Under the orange trees	en	#acient #portugal #magic #naturelovers #algarve_vacations #travel #sheisnotlost #ontheway #travelig #hungarianroamers #dametraveler #girlaroundworld #europe #travelportugal #discover #travelalone #portugaltravel #portugal #faro #viewgoals #portugal #magic #magyarinsta #travel #sheisnotlost #ontheway #travelig #hungarianroamers #dametraveler #girlaroundworld #europe #travelportugal #discover #travelalone #portugaltravel #portugal #faro #faroportugal #oldtown #travelphotooftheday	Greenery	21 juli 2021	summer	https://www.instagram.com/p/CRLowvGNxga/
98	1	#faroportugalpt		Faro	German	F A R O • • • The best time to quietly observe these beautiful buildings in old town Faro is early afternoon on a Sunday	F A R O • • • The best time to quietly observe these beautiful buildings in old town Faro is early afternoon on a Sunday	en	#amazingfacades #facadesofinstagram #facadesoftheworld #faroinstagram #algarvetourism #farotourism #algarvephotography #facadeslovers #igersfaro #igersalgarve #igersportugal #portugaltourism #doorsandwindows #doors_and_windows #doorsofportugal #faroportugal #faroportugaloldtown #faroportugal❤ #faroalgarve #faroalgarveportugal #faro #farocity #farocitycentre #farolove #faroovers #farovacaciones #farostreetart #farostreets #farofotografia #farophotography #visitfaro #farotourism #farotrip	Street	2 september 2021	summer	https://www.instagram.com/p/CTUY3j6Kq1D/
99	1	#farotourism		Faro	France	Tant de charme malgré les outrages du temps...	So much charm despite the outrages of time ...	fr	#algarvephotography #facadeslovers #igersfaro #igersalgarve #igersportugal #portugaltourism #doorsandwindows #doors_and_windows #doorsofportugal #faroportugal #faroportugaloldtown #faroportugal❤ #faroalgarve #faroalgarveportugal #faro #farocity #farocitycentre #farolove #faroovers #farovacaciones #farostreetart #farostreets #farofotografia #farophotography #visitfaro #farotourism #farotrip	Building	21 november 2021	fall	https://www.instagram.com/p/CWJeYestU0/
100	1	#farotourism		Faro, Algarve. Portugal	Europe	Desfruta as cores da vida.	Enjoy the colors of life.	pt	#algarvephotography #facadeslovers #igersfaro #igersalgarve #igersportugal #portugaltourism #doorsandwindows #doors_and_windows #doorsofportugal #faroportugal #faroportugaloldtown #faroportugal❤ #faroalgarve #faroalgarveportugal #faro #farocity #farocitycentre #farolove #faroovers #farovacaciones #farostreetart #farostreets #farofotografia #farophotography #visitfaro #farotourism #farotrip	Street	7 maart 2021	winter	https://www.instagram.com/p/CMHYWahyFQ-e/

Appendix 3: Game-result table



Hashtag	Value	Value	Value	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals											
Pride	Social	Political				20.00%	6.67%	6.67%	6.67%	6.67%	6.67%	6.67%	20.00%	13.33%	6.67%																							
Memories	Social	Historic		6.67%	6.67%			26.67%		40.00%				6.67%	6.67%	46.67%	20.00%	13.33%	26.67%	20.00%	13.33%	20.00%	13.33%	6.67%	20.00%	13.33%		6.67%	20.00%	6.67%								
Expensive	Economic										13.33%					6.67%	6.67%														6.67%							
Cheap	Economic			6.67%	6.67%									6.67%	13.33%	20.00%				6.67%	13.33%	20.00%	26.67%							6.67%								
Affordable	Economic										6.67%																											
Legal	Political																														6.67%							
Illegal	Political																														6.67%							
Typical	Historic	Aesthetical	Age	33.33%	40.00%	40.00%	53.33%	53.33%	26.67%	40.00%	53.33%	53.33%	46.67%	66.67%	26.67%	26.67%	26.67%	20.00%	20.00%	20.00%	40.00%	33.33%	80.00%	6.67%	40.00%	53.33%	26.67%		13.33%	33.33%	53.33%	13.33%	6.67%	13.33%	80.00%			
Authentic	Historic	Aesthetical	Age	33.33%	6.67%	80.00%	20.00%	46.67%	33.33%	20.00%	46.67%	33.33%	13.33%	33.33%	6.67%	26.67%	26.67%	53.33%	26.67%	26.67%	13.33%	46.67%	20.00%	20.00%	20.00%	53.33%	26.67%	6.67%	13.33%	13.33%	20.00%	33.33%	6.67%	26.67%	20.00%	20.00%		
Beautiful	Aesthetical			6.67%	6.67%	13.33%	40.00%	66.67%	33.33%	26.67%	33.33%	6.67%																								6.67%	26.67%	
Ugly	Aesthetical																																					
Classic	Historic	Scientific		46.67%	20.00%	86.67%	60.00%	66.67%	46.67%	26.67%	26.67%	13.33%	13.33%	20.00%	13.33%	20.00%	26.67%																				6.67%	
Innovative	Scientific	Age																																			6.67%	
Aged	Age	Historic		66.67%	66.67%	6.67%	13.33%			20.00%	20.00%	60.00%	73.33%	33.33%	80.00%																							6.67%
Modern	Age	Scientific																																			6.67%	
Sustainable	Ecological	Scientific																																			6.67%	
Healthy	Ecological																																			20.00%		

Value (Count)	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals		
Social	1	1	3	5	1	7	2	2	8	6	4	5	3	3	4	5	8	5	4	7	2		7	5	2	2	2	1	6	3		1	4	2		
Economic	1	1																																		
Political			3	1	1	3	2	1	2	4	2	1	2	2	1	1	1																			
Historic	31	24	32	26	25	22	17	23	31	25	25	20	14	14	15	16	19	17	26	23	13	16	28	21	5	9	5	8	21	17	15	19	16	24		
Aesthetical	11	13	20	18	25	14	15	20	14	12	21	11	14	17	24	16	14	19	19	18	14	16	26	12	7	13	12	18	21	15	14	15	8	21		
Scientific	7	3	13	10	12	7	8	6	2	3	3	2	6	7	2	5	5	5	8	8	6	7	5	10	10	10	2		8	8	1	1	12	5		
Age	23	20	19	14	17	9	16	19	22	21	20	14	8	8	13	10	9	9	16	14	10	11	19	12	11	15	7	5	12	10	16	17	12	20		
Ecological																																				3

Value (%)	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals		
Social	3.33%	3.33%	10.00%	16.67%	3.33%	23.33%	6.67%	6.67%	26.67%	20.00%	13.33%	16.67%	10.00%	10.00%	13.33%	16.67%	26.67%	16.67%	13.33%	23.33%	6.67%		23.33%	16.67%	6.67%	6.67%	6.67%	3.33%	20.00%	10.00%		3.33%	13.33%	6.67%		
Economic	2.22%	2.22%					8.89%		4.44%		13.33%	6.67%	6.67%	2.22%	6.67%	4.44%	8.89%			2.22%	13.33%	11.11%		2.22%	6.67%	2.22%	8.89%								11.11%	
Political			6.67%	2.22%	2.22%	6.67%	4.44%	2.22%	4.44%	8.89%	4.44%	2.22%	4.44%	4.44%	2.22%	2.22%	2.22%		4.44%	8.89%	2.22%	2.22%	6.67%	4.44%	17.78%	8.89%	33.33%	22.22%	6.67%	8.89%					4.44%	2.22%
Historic	41.33%	32.00%	42.67%	34.67%	33.33%	29.33%	22.67%	30.67%	41.33%	33.33%	33.33%	26.67%	18.67%	18.67%	20.00%	21.33%	25.33%	22.67%	34.67%	30.67%	17.33%	21.33%	37.33%	28.00%	6.67%	12.00%	6.67%	8.00%	28.00%	22.67%	20.00%	25.33%	21.33%	32.00%		
Aesthetical	18.33%	21.67%	33.33%	30.00%	41.67%	23.33%	25.00%	33.33%	23.33%	20.00%	35.00%	18.33%	23.33%	28.33%	40.00%	26.67%	23.33%	31.67%	31.67%	30.00%	23.33%	26.67%	43.33%	20.00%	11.67%	21.67%	20.00%	30.00%	35.00%	25.00%	23.33%	25.00%	13.33%	35.00%		
Scientific	11.67%	5.00%	21.67%	16.67%	20.00%	11.67%	13.33%	10.00%	3.33%	5.00%	5.00%	3.33%	10.00%	11.67%	3.33%	8.33%	8.33%	13.33%	13.33%	10.00%	11.67%	8.33%	16.67%	16.67%	16.67%	16.67%	3.33%	1.67%	1.67%	20.00%	8.33%	20.00%	8.33%			
Age	30.67%	26.67%	25.33%	18.67%	22.67%	12.00%	21.33%	25.33%	29.33%	28.00%	26.67%	18.67%	10.67%	10.67%	17.33%	13.33%	12.00%	12.00%	21.33%	18.67%	13.33%	14.67%	25.33%	16.00%	14.67%	20.00%	9.33%	6.67%	16.00%	13.33%	21.33%	22.67%	16.00%	26.67%		
Ecological																																			10.00%	

Facade appreciation	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	
Pride	0.00	0.13	0.07		0.07		0.13		0.10		0.03		0.07		0.13		0.03		0.20		0.00		0.13		0.00		0.07		0.13		0.00		0.07		
Memories	0.07	0.13	0.20		0.07		0.33		0.20		0.17		0.23		0.40		0.17		0.17		0.07		0.27		0.13		0.03		0.17		0.03		0.13		
Expensive	0.00	0.00	0.00		0.07		0.00		0.03		0.07		0.00		0.00		0.00		0.03		0.03		0.03		0.00		0.00		0.00		0.00		0.00		
Cheap	0.07	0.00	0.00		0.03		0.07		0.07		0.00		0.10		0.10		0.00		0.23		0.00		0.00		0.00		0.13		0.00		0.17		0.13		
Affordable	0.00	0.00	0.00		0.03		0.00		0.20		0.07		0.07		0.03		0.00		0.10		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00
Legal	0.00	0.00	0.03		0.03		0.07		0.00		0.10		0.00		0.00		0.00		0.07		0.03		0.03		0.00		0.07		0.10		0.00		0.00		0.03
Illegal	0.00	0.00	0.03		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.37		0.70		0.00		0.00		0.00
Typical	0.37	0.47	0.40		0.47		0.50		0.47		0.27		0.20		0.30		0.47		0.23		0.40		0.23		0.40		0.07		0.43		0.10		0.47		0.47

	3.6	1.7	2.7	3.7	1.8	2.8	3.8	1.9	2.9	3.9	1.10	2.10	3.10														
Hashtag	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals													
Pride							13,33%	6,87%		20,00%	6,87%	6,87%	6,87%	6,87%	13,33%												
Memories		26,67%	6,87%	13,33%	26,67%	6,87%	6,87%		26,67%	20,00%	33,33%	40,00%	13,33%	6,87%	20,00%	26,67%	26,67%	6,87%	6,87%								
Expensive			13,33%	6,87%				6,87%		13,33%				13,33%													
Cheap	6,87%	6,87%	6,87%		6,87%		46,67%	13,33%	13,33%	6,87%	20,00%	20,00%	26,67%	6,87%	6,87%	46,67%	26,67%	13,33%	6,87%	53,33%	13,33%						
Affordable	13,33%	6,87%	6,87%		6,87%		13,33%	13,33%	33,33%		40,00%	6,87%	60,00%	13,33%		33,33%	26,67%	6,87%	20,00%	13,33%	20,00%	6,87%					
Legal		6,87%	26,67%				6,87%	6,87%	13,33%	6,87%	6,87%		6,87%		20,00%	6,87%	6,87%	13,33%	6,87%	6,87%	6,87%						
Illegal				6,87%			26,67%	6,87%		6,87%		13,33%	20,00%		13,33%	20,00%			6,87%	13,33%		20,00%	13,33%				
Typical	33,33%	26,67%	33,33%	20,00%	40,00%	40,00%	20,00%	6,87%	13,33%	6,87%	26,67%	33,33%	6,87%	6,87%	13,33%	46,67%	13,33%	53,33%	26,67%	6,87%	46,67%	13,33%	73,33%	26,67%	20,00%	20,00%	
Authentic	40,00%	20,00%	33,33%	26,67%	26,67%	6,87%			26,67%	6,87%		6,87%	33,33%	33,33%	33,33%	13,33%	13,33%		13,33%	20,00%	46,67%	26,67%	20,00%	6,87%			
Beautiful	33,33%	13,33%	13,33%	60,00%	33,33%	33,33%			13,33%	20,00%		20,00%	6,87%	20,00%	26,67%	13,33%		20,00%	6,87%	13,33%	33,33%				13,33%		
Ugly	40,00%	6,87%	6,87%		6,87%	13,33%	73,33%	60,00%	33,33%	13,33%	40,00%	40,00%	53,33%	60,00%	6,87%	26,67%	20,00%	46,67%	40,00%	40,00%	33,33%	20,00%	33,33%	53,33%			
Classic	20,00%	20,00%	53,33%	66,67%	40,00%	53,33%			6,87%	6,87%	6,87%	13,33%	13,33%		40,00%	60,00%	26,67%	20,00%	26,67%	13,33%	13,33%		13,33%	13,33%	6,87%	6,87%	
Innovative		6,87%	6,87%	13,33%				6,87%	6,87%	13,33%		6,87%			20,00%	20,00%	13,33%	20,00%		6,87%	6,87%				6,87%	6,87%	
Aged	33,33%	33,33%	6,87%	13,33%	6,87%	13,33%	26,67%	26,67%		6,87%	20,00%	60,00%	33,33%	13,33%	26,67%	13,33%	33,33%	20,00%	26,67%	13,33%	20,00%	20,00%	46,67%	83,33%	60,00%	46,67%	
Modern		6,87%	20,00%	6,87%	33,33%	20,00%	20,00%	20,00%	73,33%	73,33%		6,87%	26,67%	20,00%		6,87%	6,87%	13,33%	13,33%	26,67%	26,67%	26,67%				26,67%	
Sustainable	6,87%	13,33%			6,87%				13,33%		20,00%				6,87%	6,87%		6,87%	13,33%		6,87%	6,87%				6,87%	
Healthy				6,87%	13,33%	6,87%		6,87%		6,87%					6,87%	6,87%		6,87%	13,33%		6,87%	6,87%				6,87%	
Value (Count)	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	
Social		4	1	2	4	1			3		5	2			4	6	5	6	3	1	2	4	5	5	3	1	
Economic	3	2	4	1	2		9	4	7	2	9	4	13	4	3		6		11	1	7	4	2	1	11	3	
Political		1	4	1			5	2	4	2	2		3	3	3	4		1	3	5	2	2	2	1	5	2	
Historic	19	19	20	21	21	18	7	6	4	7	16	18	6	10	24	21	20	23	14	5	13	13	30	28	17	13	
Aesthetical	22	10	13	16	16	14	14	13	7	9	14	11	12	12	11	16	13	13	13	10	16	12	23	11	11	14	
Scientific	4	7	12	13	11	12	3	5	13	16	4	7	4	9	9	6	5	9	7	11	4	8	2	3	1	2	
Age	16	14	15	12	16	12	10	9	14	19	8	16	10	7	11	15	13	18	14	10	16	13	28	22	15	12	
Ecological	1	2		1	2	2		1		3		3				2	1		1	2	1	1		1			
Value (%)	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	Tourist	Locals	
Social		13,33%	3,33%	6,87%	13,33%	3,33%			10,00%		16,67%	6,87%			13,33%	20,00%	16,67%	20,00%	10,00%	3,33%	6,87%	13,33%	16,67%	16,67%	10,00%	3,33%	
Economic	6,87%	4,44%	8,89%	2,22%	4,44%		20,00%	8,89%	15,56%	4,44%	20,00%	8,89%	28,89%	8,89%	6,87%		13,33%		24,44%	2,22%	15,56%	8,89%	4,44%	2,22%	24,44%	6,87%	
Political		2,22%	8,89%	2,22%			11,11%	4,44%	8,89%	4,44%	4,44%		6,87%	6,87%	6,87%	8,89%		2,22%	6,87%	11,11%	4,44%	4,44%	4,44%	2,22%	11,11%	4,44%	
Historic	25,33%	25,33%	26,67%	28,00%	28,00%	24,00%	9,33%	8,00%	5,33%	9,33%	21,33%	24,00%	8,00%	13,33%	32,00%	28,00%	26,67%	30,67%	18,67%	6,87%	17,33%	17,33%	40,00%	37,33%	22,67%	17,33%	
Aesthetical	36,67%	16,67%	21,67%	26,67%	26,67%	23,33%	23,33%	21,67%	11,67%	15,00%	23,33%	18,33%	20,00%	20,00%	18,33%	26,67%	21,67%	21,67%	21,67%	16,67%	26,67%	20,00%	38,33%	18,33%	18,33%	23,33%	
Scientific	6,87%	11,67%	20,00%	21,67%	18,33%	20,00%	5,00%	8,33%	21,67%	26,67%	6,87%	11,67%	6,87%	15,00%	15,00%	10,00%	8,33%	15,00%	11,67%	18,33%	6,87%	13,33%	3,33%	5,00%	1,67%	3,33%	
Age	21,33%	18,67%	20,00%	16,00%	21,33%	16,00%	13,33%	12,00%	18,67%	25,33%	10,67%	21,33%	13,33%	9,33%	14,67%	20,00%	17,33%	24,00%	18,67%	13,33%	21,33%	17,33%	34,67%	29,33%	20,00%	16,00%	
Ecological	3,33%	6,87%		3,33%	6,87%	6,87%		3,33%		10,00%		10,00%				6,87%	3,33%		3,33%	6,87%	3,33%	3,33%		3,33%			
Facade apprecia																											
Pride	0,00		0,00		0,00		0,00		0,07		0,03		0,00		0,10		0,00		0,07		0,07		0,07		0,07		
Memories	0,13		0,10		0,17		0,00		0,03		0,20		0,00		0,23		0,37		0,07		0,13		0,27		0,07		
Expensive	0,00		0,10		0,00		0,00		0,03		0,00		0,03		0,07		0,00		0,00		0,07		0,00		0,00		
Cheap	0,07		0,03		0,03		0,30		0,10		0,20		0,17		0,03		0,03		0,23		0,13		0,10		0,33		
Affordable	0,10		0,03		0,03		0,13		0,17		0,23		0,37		0,00		0,17		0,17		0,17		0,00		0,13		
Legal	0,03		0,13		0,00		0,07		0,10		0,03		0,03		0,13		0,03		0,10		0,07		0,03		0,00		
Illegal	0,00		0,03		0,00		0,17		0,03		0,00		0,17		0,00		0,00		0,10		0,00		0,00		0,17		
Typical	0,30		0,27		0,40		0,13		0,10		0,30		0,07		0,30		0,33		0,17		0,30		0,50		0,20		
Authentic	0,30		0,30		0,17		0,00		0,13		0,03		0,03		0,33		0,23		0,07		0,17		0,37		0,13		
Beautiful	0,23		0,37		0,33		0,00		0,07		0,10		0,13		0,23		0,07		0,10		0,10		0,17		0,07		
Ugly	0,23		0,03		0,10		0,77		0,23		0,40		0,57		0,03		0,23		0,43		0,37		0,10		0,43		
Classic	0,20		0,60		0,47		0,03		0,07		0,20		0,20		0,43		0,23		0,13		0,07		0,10		0,07		
Innovative	0,03		0,10		0,00		0,03		0,10		0,03		0,00		0,00		0,10		0,17		0,03		0,03		0,03		
Aged	0,33		0,10		0,10		0,27		0,03		0,40		0,23		0,20		0,27		0,20		0,20		0,70		0,53		
Modern	0,03		0,13		0,27		0,20		0,73		0,03		0,23		0,03		0,10		0,20		0,27		0,00		0,00		
Sustainable	0,10		0,00		0,03		0,00		0,07		0,10		0,00		0,03		0,03		0,10		0,03		0,03		0,00		
Healthy	0,00		0,03		0,10		0,03		0,03		0,00		0,00		0,03		0,00		0,03		0,03		0,00		0,00		
Total	154,37%		253,97%		223,81%		-203,67%		-28,97%		76,69%		-107,14%		261,51%		207,54%		21,03%		48,02%		163,10%		-102,78%		
	0,65%		0,82%		0,77%		0,02%		0,33%		0,51%		0,19%		0,83%		0,74%		0,41%		0,46%		0,66%		0,20%		