

Summary overview of interview instances

This frame provides a structured and visual representation of the most relevant and frequently referenced excerpts from the interview transcript analysis. It serves as a supporting tool for readers when navigating Chapter 6: Findings and Chapter 7: Discussion. Within the Discussion chapter, direct references are made to specific quotes, which are presented in this format to enhance clarity and accessibility. By presenting the information in this structured manner, the frame aims to make complex insights more accessible and to facilitate a deeper understanding of the key findings and discussions within this thesis.

The quotes are categorised according to their primary second-order theme, offering a thematic structure to the analysis. While some quotes may relate to multiple themes, this categorisation ensures a clearer overview, making it easier to identify key insights. Each quote is assigned a reference number [#XX], which corresponds to its mention in the discussion text, allowing for seamless cross-referencing. Additionally, the stakeholder group associated with each quote is explicitly mentioned, providing context on who contributed to each perspective.

On the right-hand side, the stakeholder groups and second-order themes are explained in further detail. To improve readability, colours are used to indicate the specific stakeholder group from which each quote originates. This colour-coding helps to quickly identify different viewpoints and their sources. Further, to the far right, an overview of the Findings figure is included. This figure provides a visual representation of the identified regulatory voids and offers a simplified overview of the current supply chain development within the hydrogen transition. This figure can be found in Figure 6.1 on page 56 and serves as a reference point for understanding the broader context of the discussion.

Table 5.3 (page 52): An overview with the explanation of the second order terms.

Second order theme	Abbreviation	Explanation
Regulatory Guidance & Standardization	RG&S	Relates to the regulations and standards that are in place related to the industry development.
Trust & Transparency Creation	T&TC	Concerning the trust development and the transparency between different industry parties and government bodies.
Cooperation & Stakeholder Integration	C&SI	Interaction and cooperation between the various stakeholders that are concerned with the hydrogen development. Also, the integration of the stakeholders within the system is regarded.
Economic Incentives & Market Stimulation	EI&MS	Stimulation and economic incentives that are developed and implemented in the system or should be implemented.
Knowledge Development & Capacity Building	KD&CB	Relates to the development of new techniques and the capacity that is needed for the developing technology to gain momentum.
Infrastructure & Technology Development	I&TD	Concerning the technical and infrastructural (when needed) aspects of the hydrogen technology adoption and development.
Long-term Vision & Strategic Goals	LV&SG	Strategic goals and long-term visions are set by government bodies, industry parties themselves, society and other individuals.
Market & Institutional Adaption	M&IA	Concerning the development market structure and the institutional and organisational set-up/adoption that needs to be in place.
External Pressures & Policy Drivers	EP&PD	Pressure from among others society, governments or industry parties that have the desire to make the technology adoption happen.

Stakeholder group	Abbreviation	Explanation
(Semi-)Government	sGOV	Governments (ministries), government-related actors (Gasunie) and EU-level of government.
Hydrogen Producer	HP	Actors at the front-end of the supply chain responsible for the production of hydrogen (e.g.: building electrolyzers).
Hydrogen Industry Provider	HIP	Involved actors that are providing (temporary) storage or transport options other than pipelines.
Hydrogen Consumer	HC	Back end of the supply chain that consumes hydrogen, e.g.: steel plants, chemical industries, and fertilizer production.
Expert	Exp	Academical or hydrogen transition experts that do not have an active role in the current hydrogen transition.
Hydrogen Importer	HI	Companies that focus on the import of hydrogen, e.g.: the Port of Rotterdam or North Sea Port.

Table 3.2 (page 34): Overview of desired interviews per stakeholder involved.

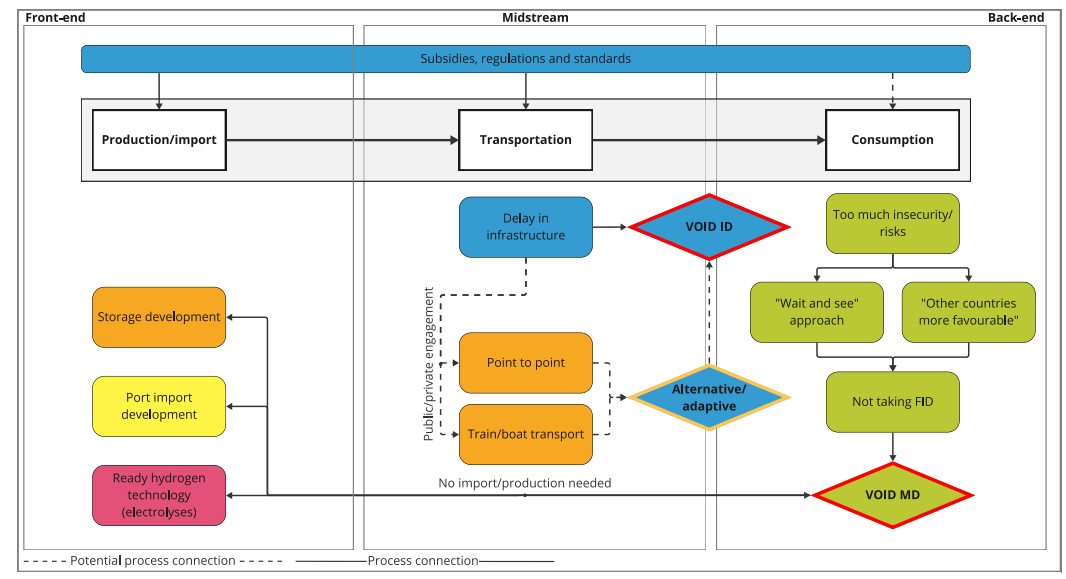
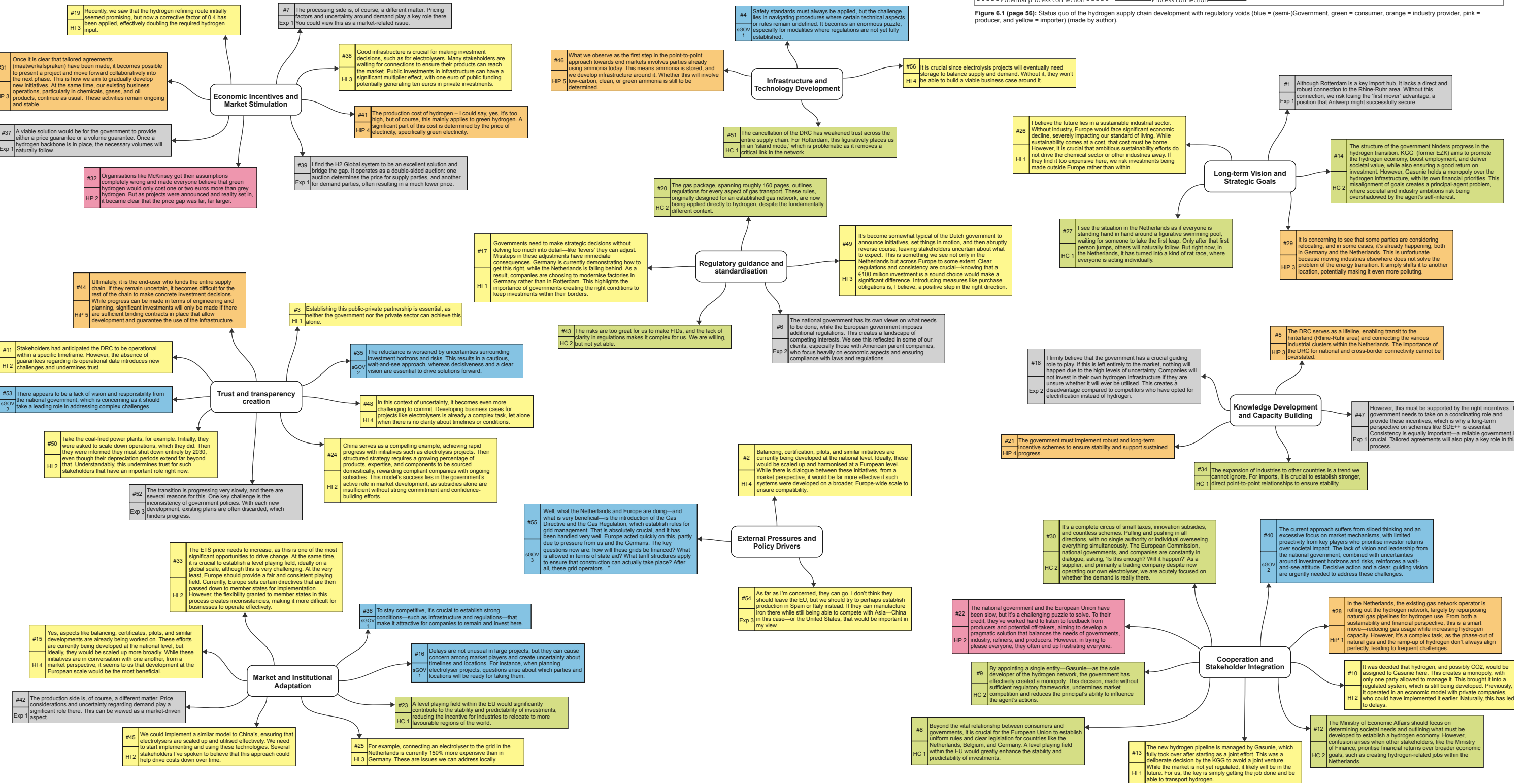


Figure 6.1 (page 56): Status quo of the hydrogen supply chain development with regulatory voids (blue = (semi-)Government, green = consumer, orange = industry provider, pink = producer, and yellow = importer) (made by author).