Certified

Recycling

Scalinc



## **Standardised Mass Energy**

Envisions a future where solar en- installation, leading to widespread ergy systems are mass-produced deployment across rooftops and sola global demands. PV products are optimising production with low-carbon uniform, focusing on large-scale, steel and mass recycling. The spatial high-efficiency panels. Governments arrangement is dominated by centra and large corporations prioritise fast zed energy production

rdized to efficiently meet fields. Sustainability efforts focus on

Business as Usual

Prefabrication

Cheap and simple

Optimise

Standardised

Scramble for Energy

P90 fi

Waste-based

Depicts a future of intense competi- simplification and DIY products domi

tion and chaotic markets driven by nate, while grid issues and individu-

eopolitical tensions and the need alism lead to energy instability. The

for energy security. PV products spatial arrangement is chaotic, with

ns. Customers prioritise speed and in isolationism and competition for

vary widely in quality, with a mix of solar installations in unconventiona gh-performance and low-cost op- locations. Geopolitical tensions result

cost, over sustainable efforts. Design resources.

HERE WAR

Luuk Eeftink Solar Mounting Product Scenarios 27-08-2024 Graduation Project - Integrated Product Design

Company

Sunbeam by

## **Faculty of Industrial Design Engineering**

**TUDelft** 

## **Delft University of Technology**