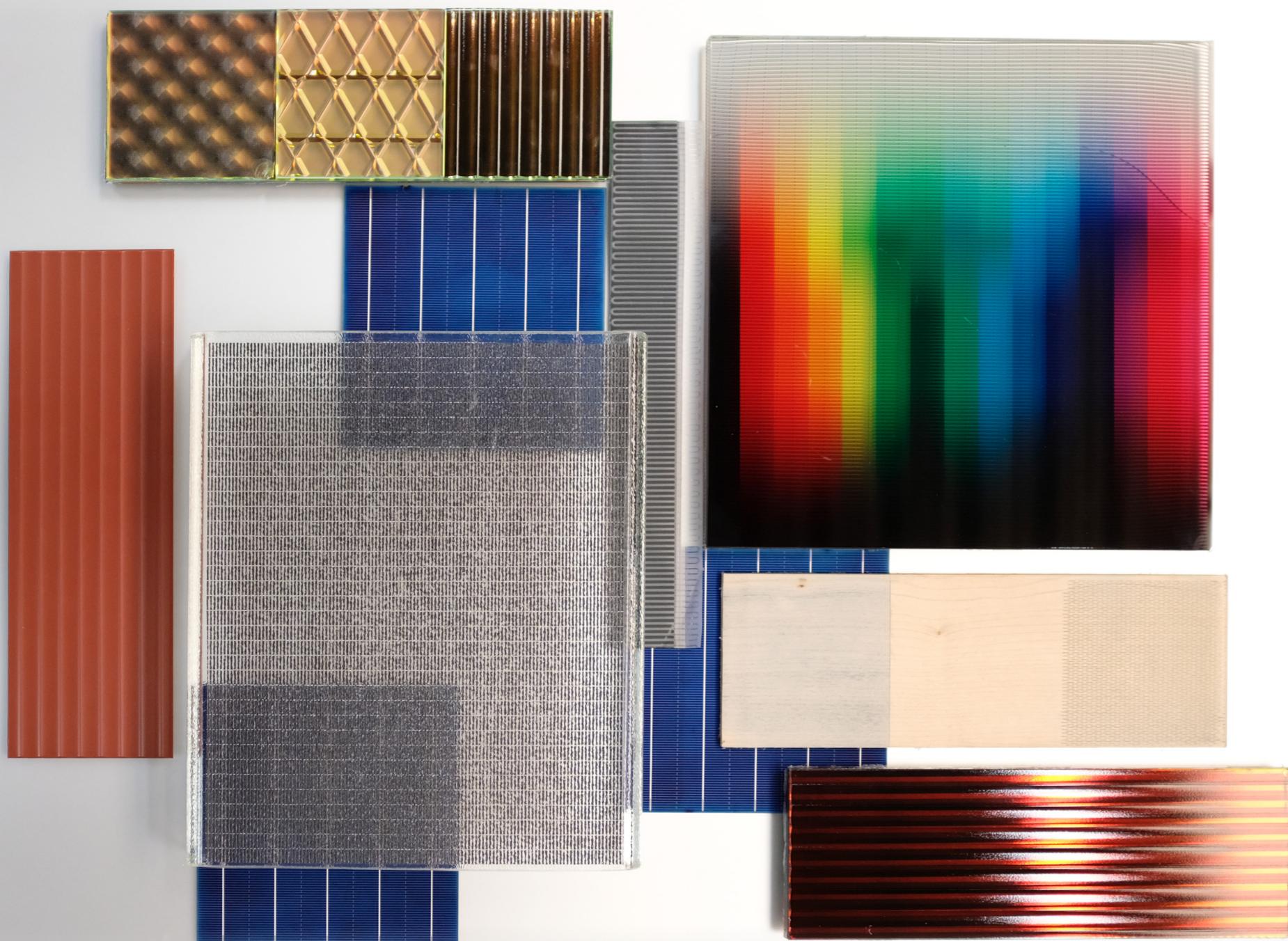
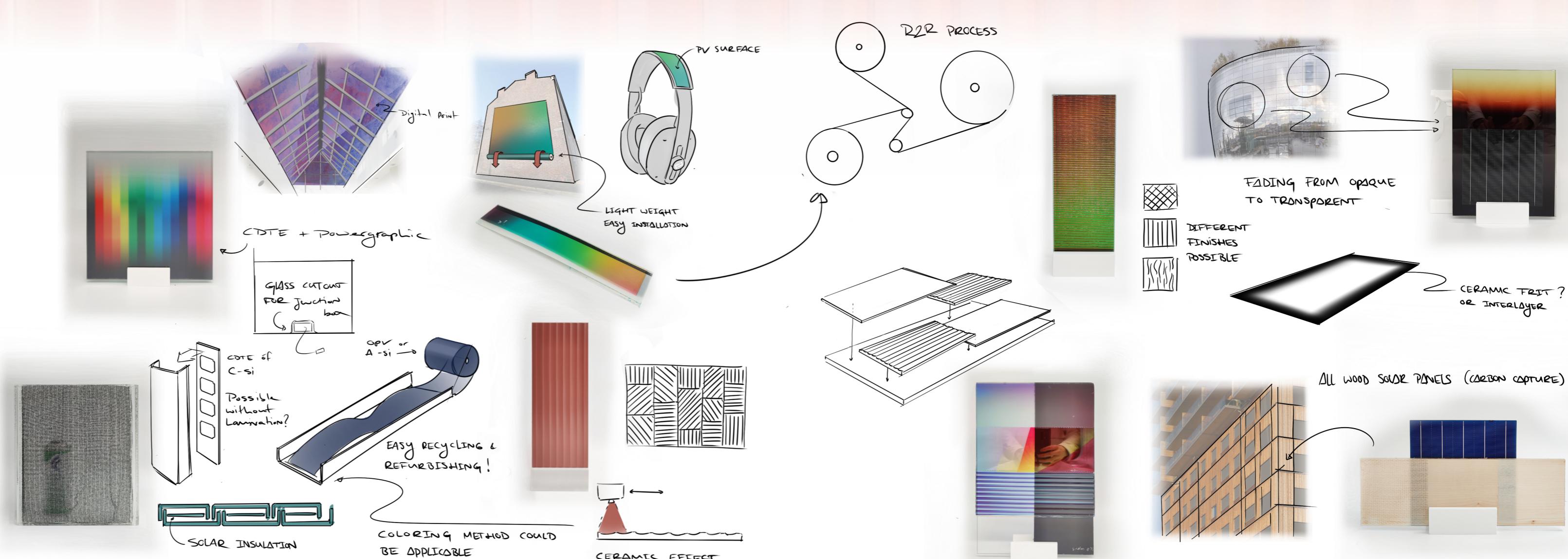


SOLAR STYLE

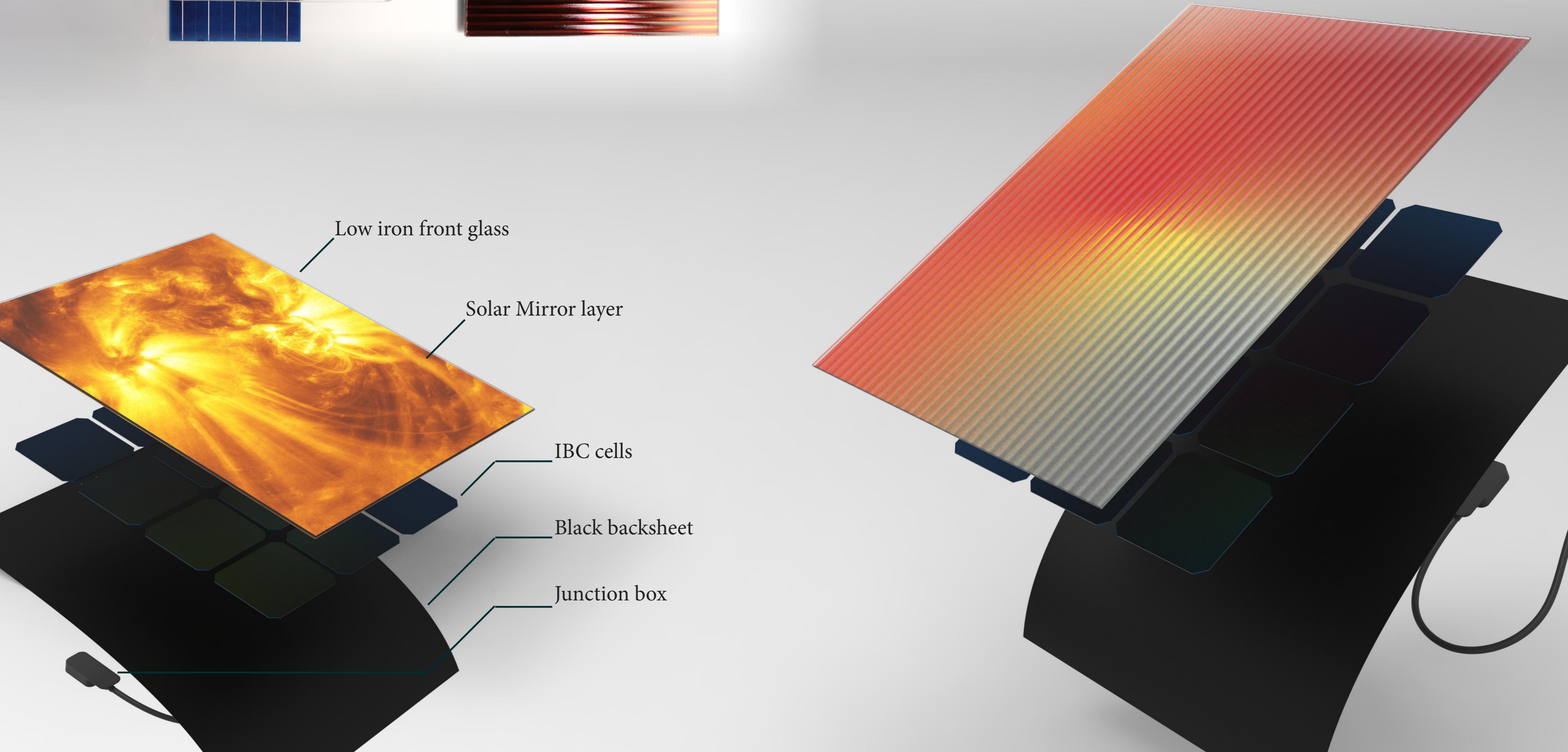
Developing customization methods for solar design with a material driven approach.

How to make the energy transition beautiful? That is what Solar Style is about. Solar panels can be integrated into every surface and make them look good at the same time.



A material-driven approach was taken to create new ways to customize solar modules and provide design freedom for architects and designers. Materials were researched on their reflective, transmissive, and absorptive qualities. These technical characteristics were used as input to create new solar products.

The result is a demonstrator that shows four different products offering colored graphics, various reflections, surface structures, and transparencies. Two functional prototypes were made that showed strong colors and minimal power loss.



Max van Dijken
Solar Style
06-06-2023
Integrated Product Design

Committee Erik Tempelman
Ianus Keller

Company Self-initiated

 **TU Delft**