



**BE  MART**

**Together for Active and Efficient Buildings**



The Be-Smart project has received funding from The European Union's  
Horizon 2020 research and innovation programme under grant agreement  
No 818009.

[www.besmartproject.eu](http://www.besmartproject.eu)



07.10.2019

# Urbanités

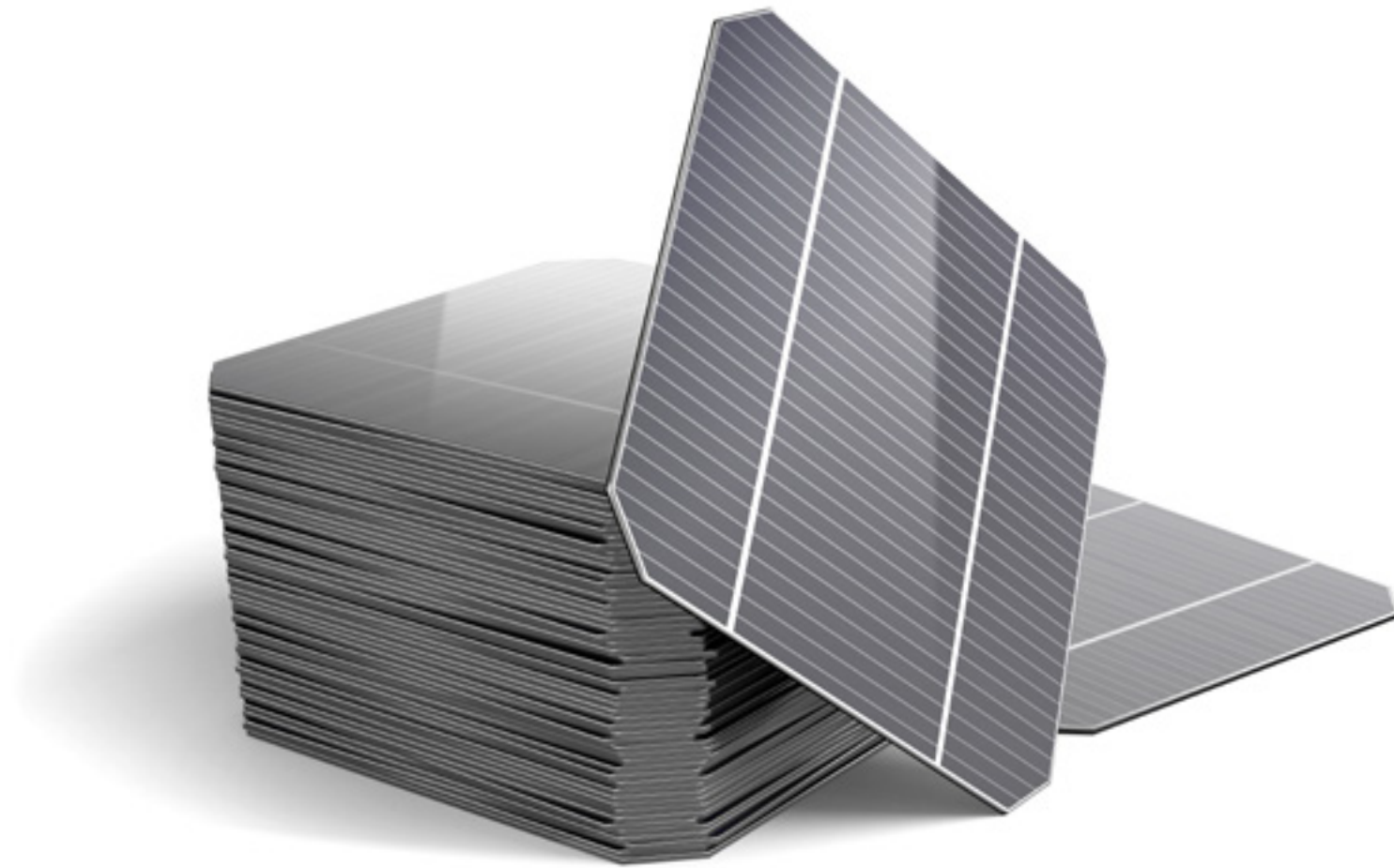
## Forum d'architectures

## Lausanne



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# From BIPV to Energy Positive Glazing **EPoG**



From traditional PV...



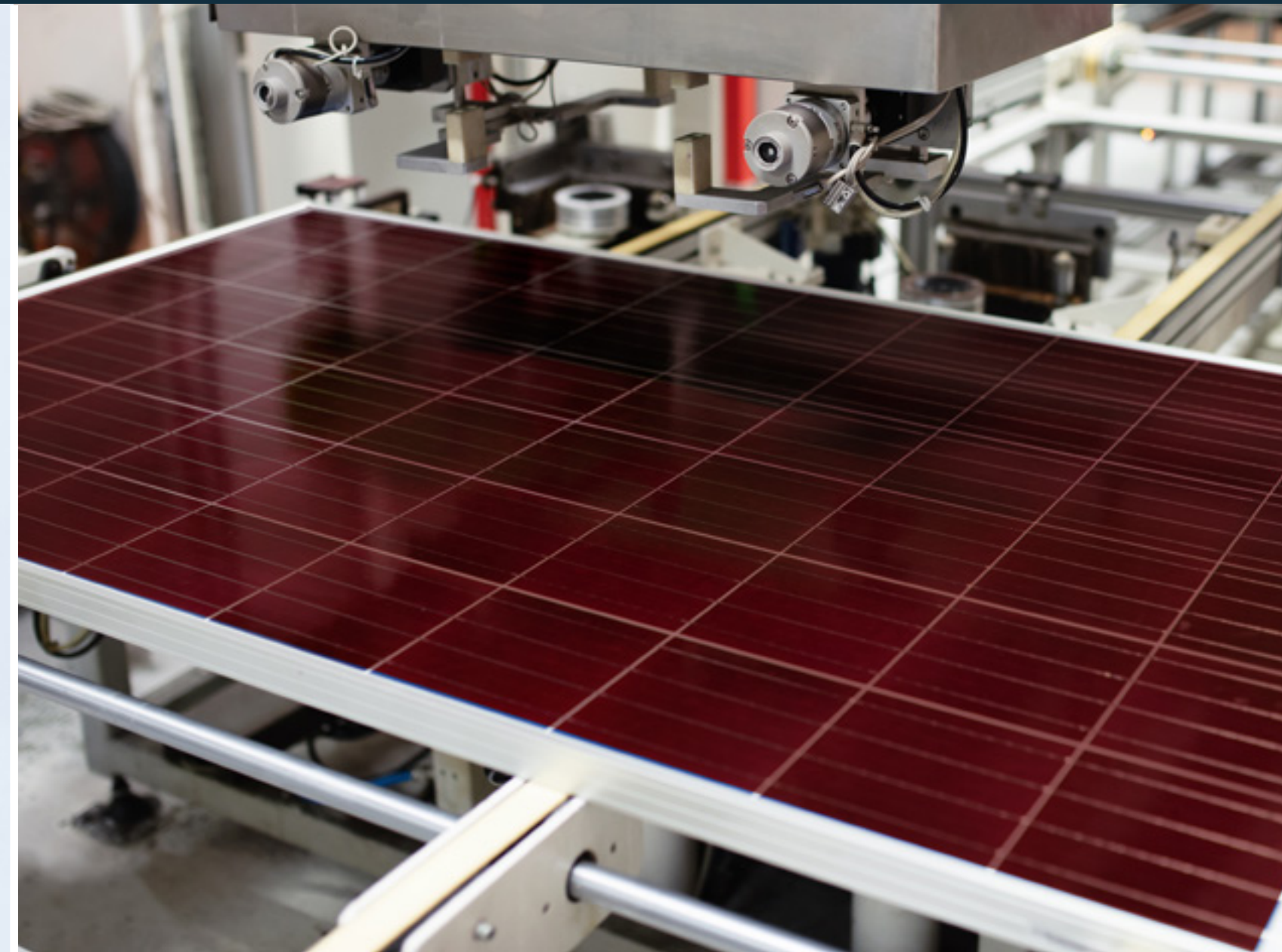
to BIPV as Building Envelope Construction Material



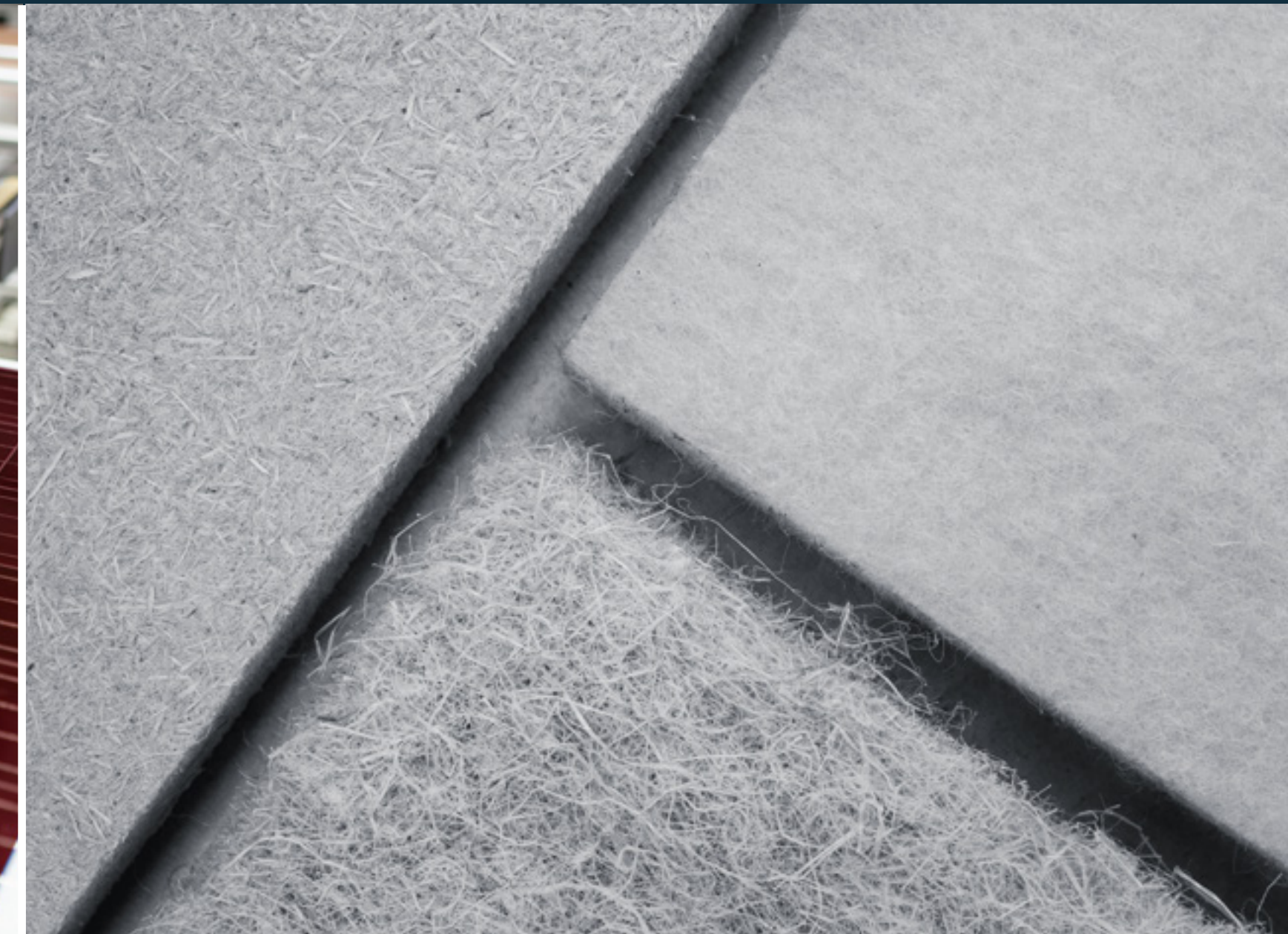




Design Features



Colored EPoG

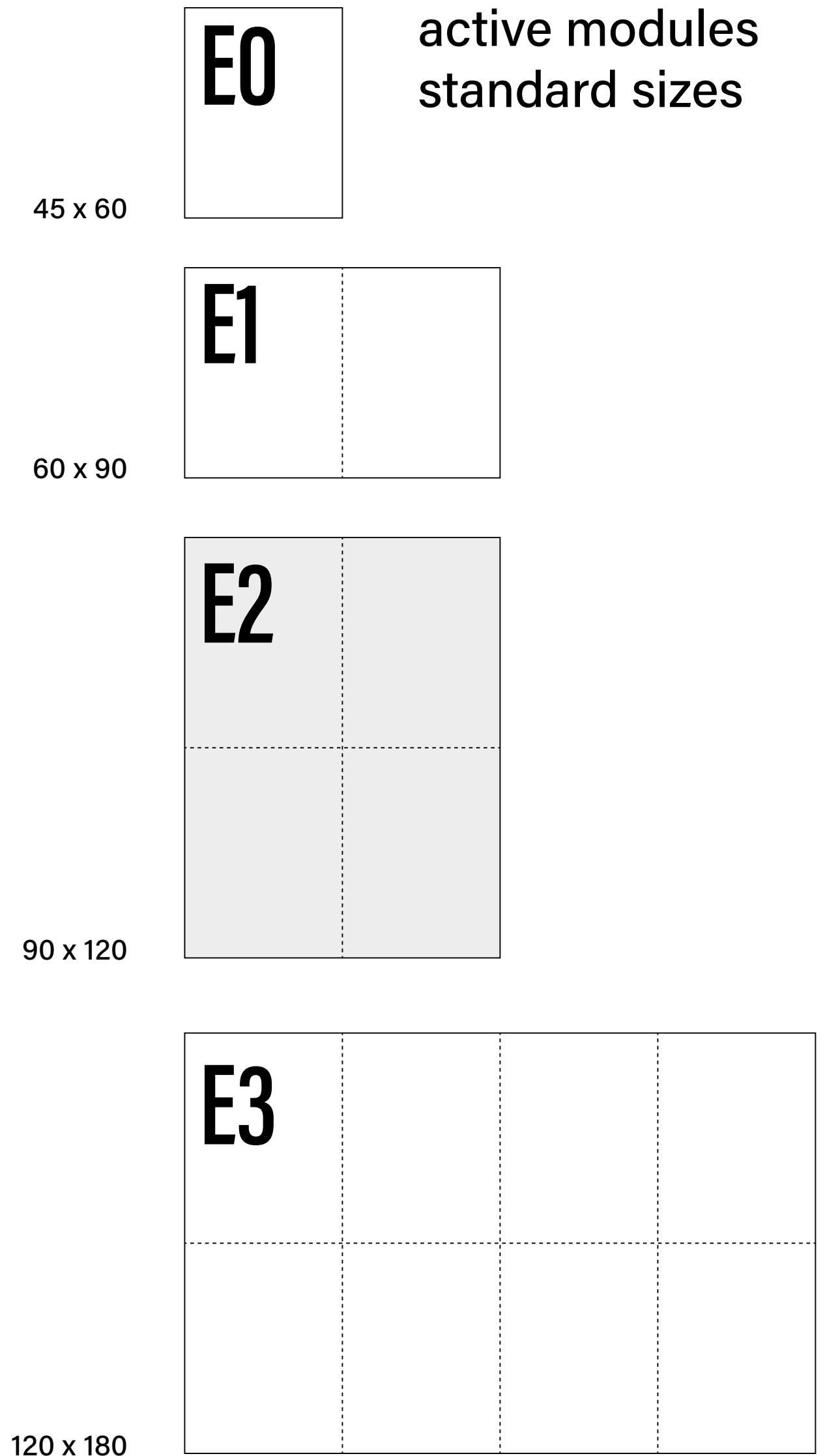
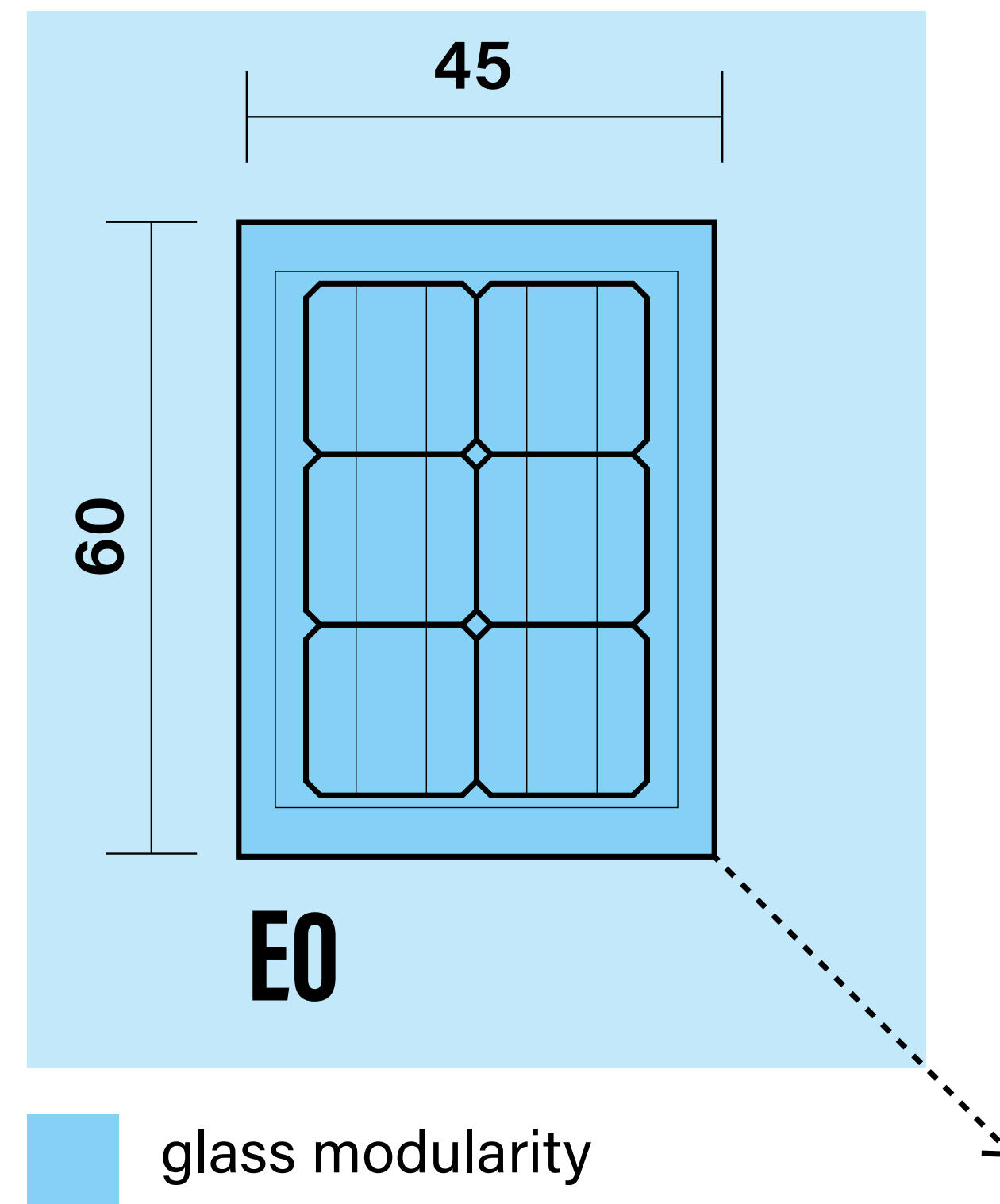


Acoustic and Thermal Functionalities



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Smart City



Smart Building

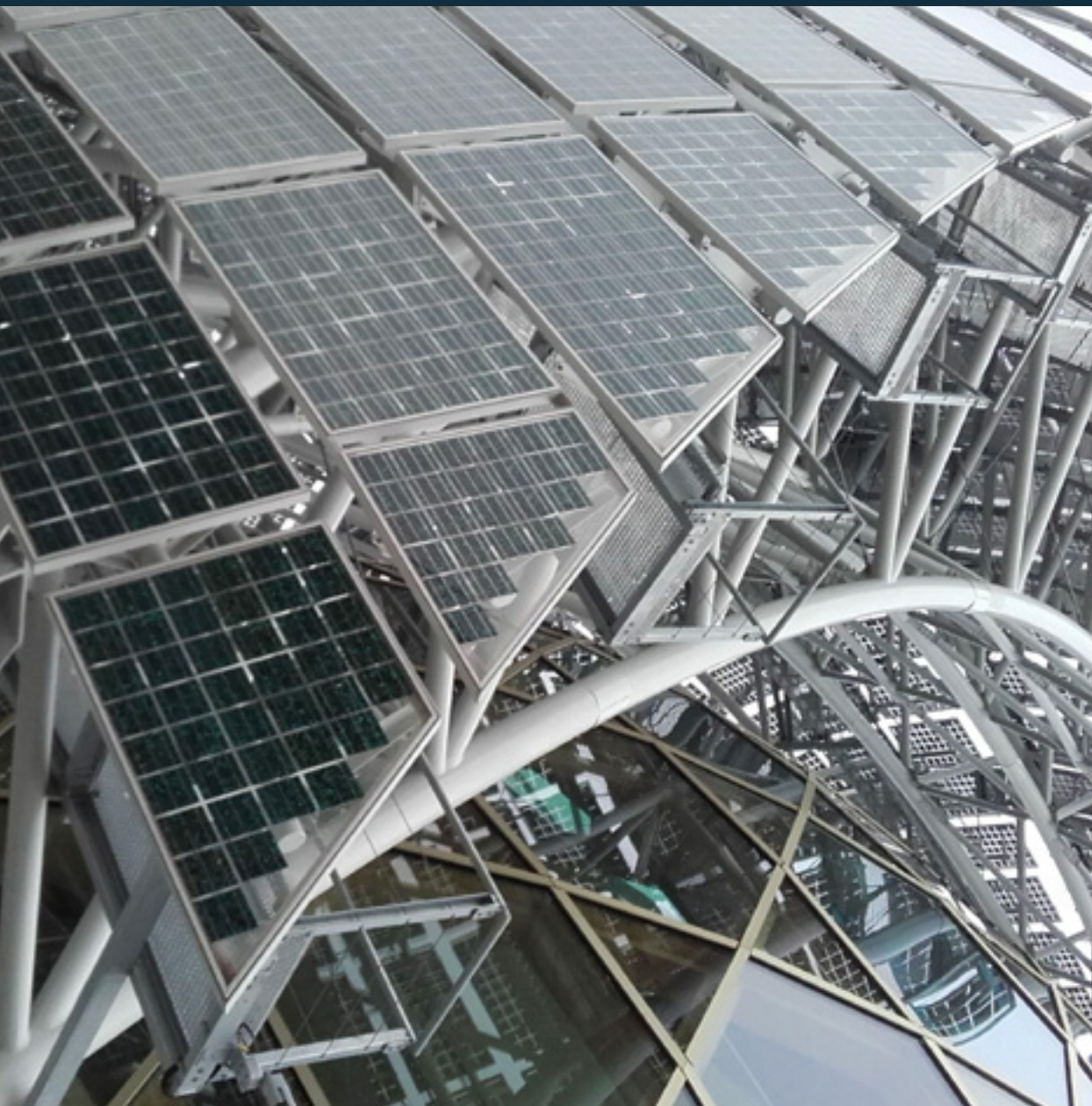


Smart Citizen

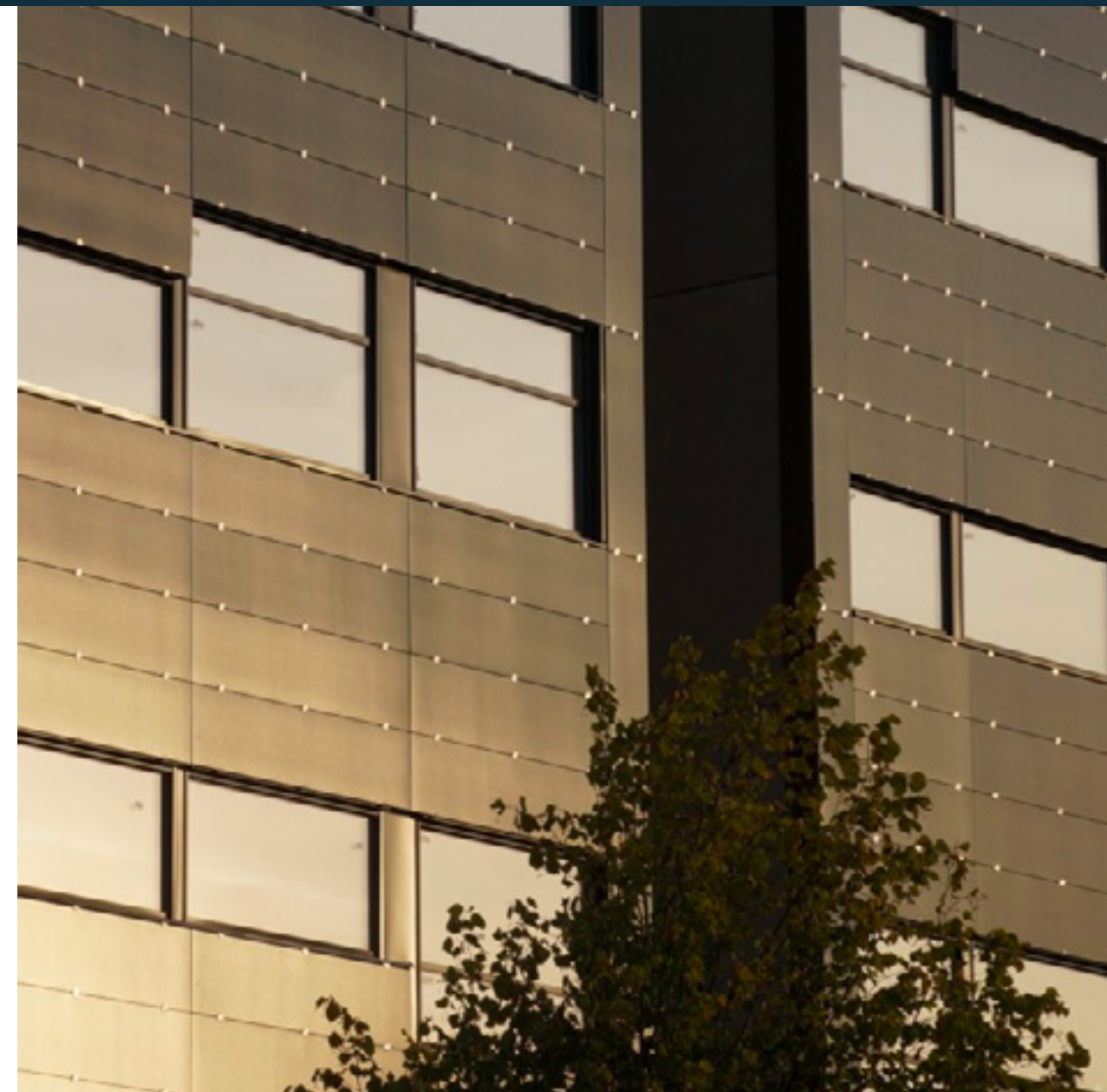


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Technological Skin



High Efficiency Solar Facade



Curved EPoG Glazing



Color Active Facade





# Turning Solar Panel into Building Element

High Efficiency  
Solar Facade



# **Cost Efficient Sustainable Solution**

**Technological Skin**





# Enhance performance and design features

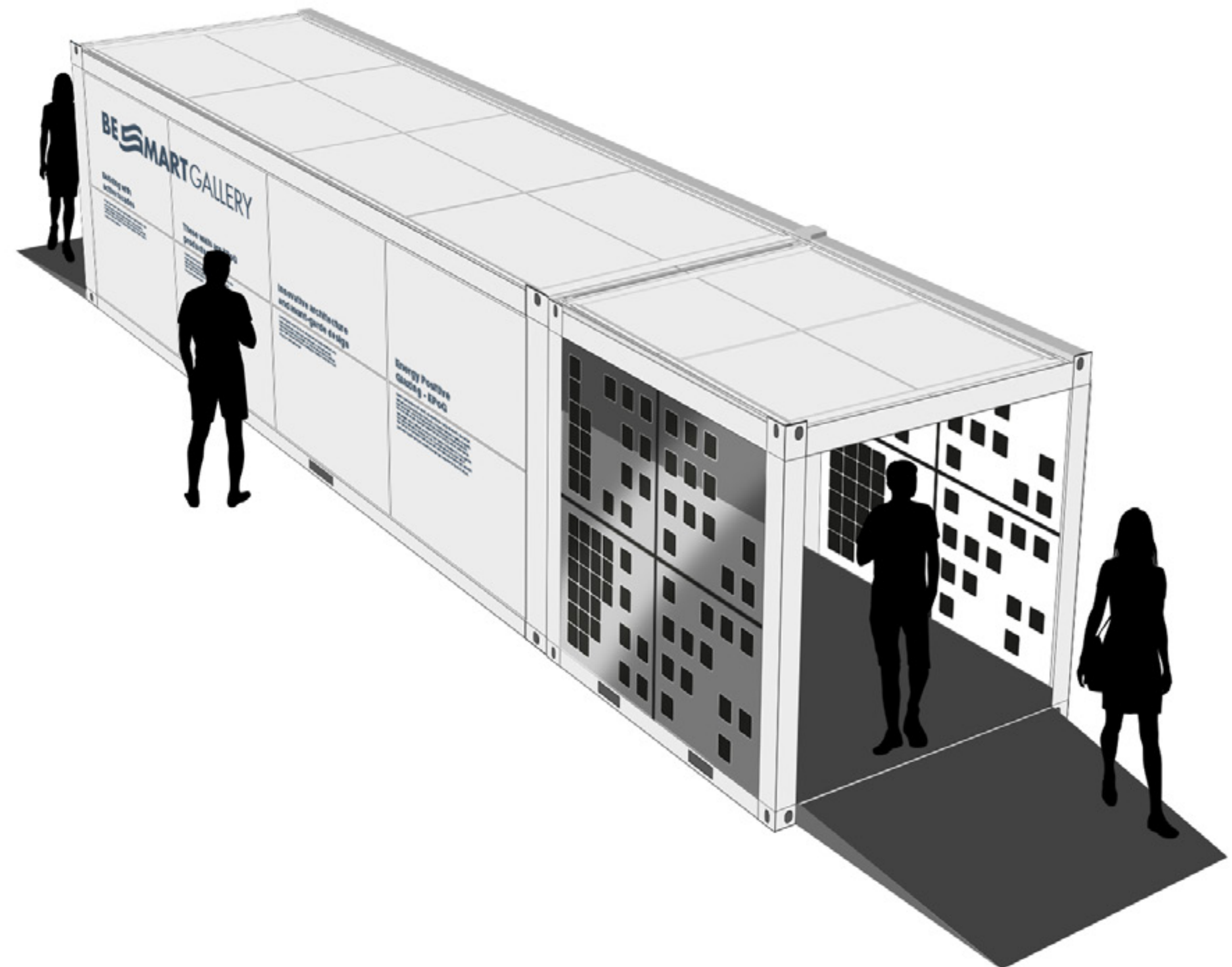
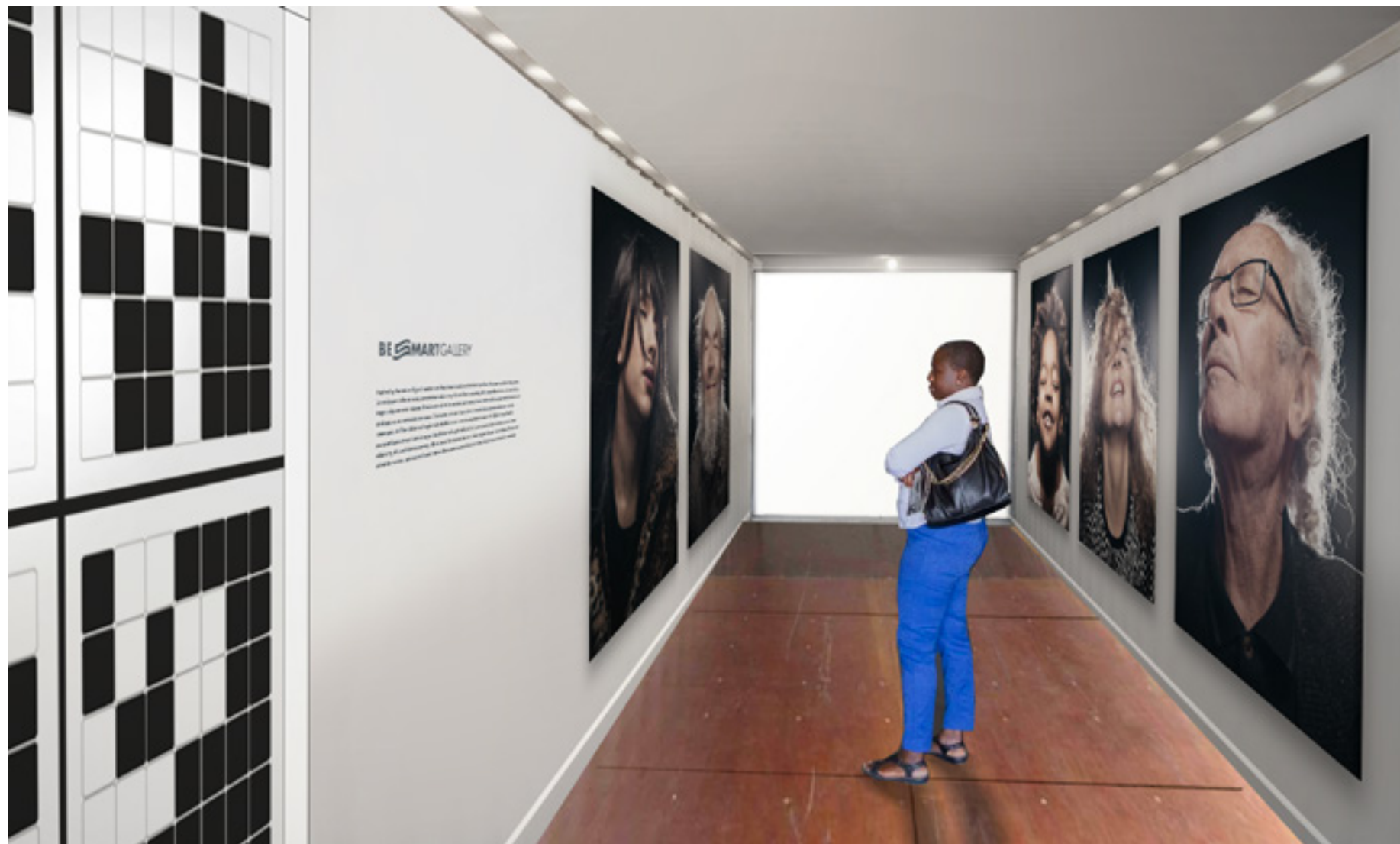
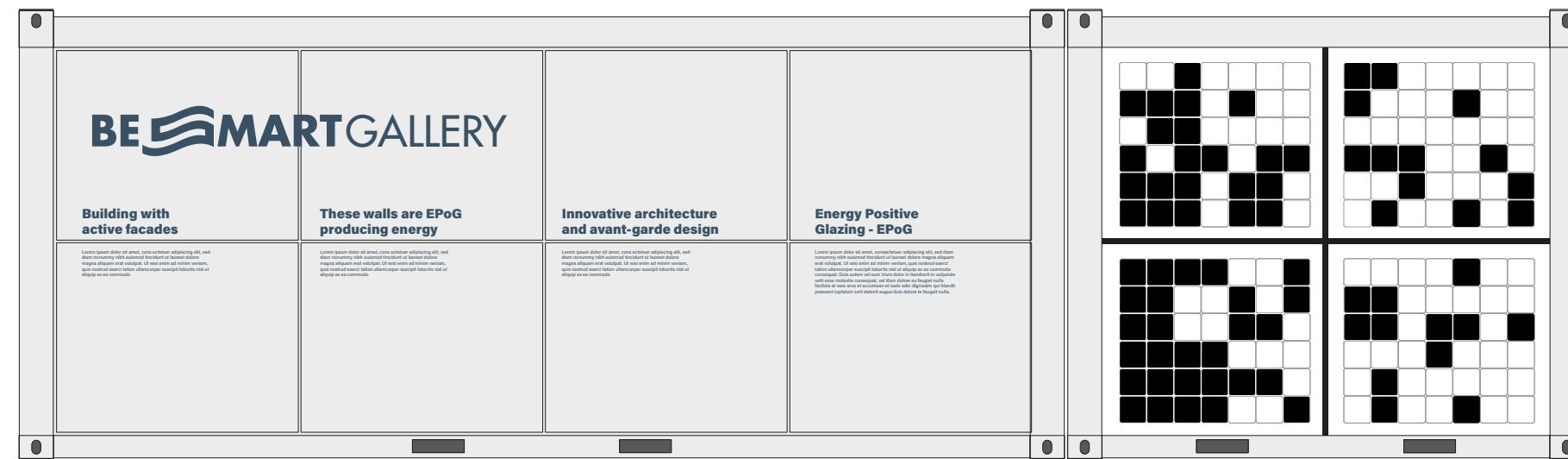
**White, Colored  
or Curved Active  
Facade**













Ecosystem





