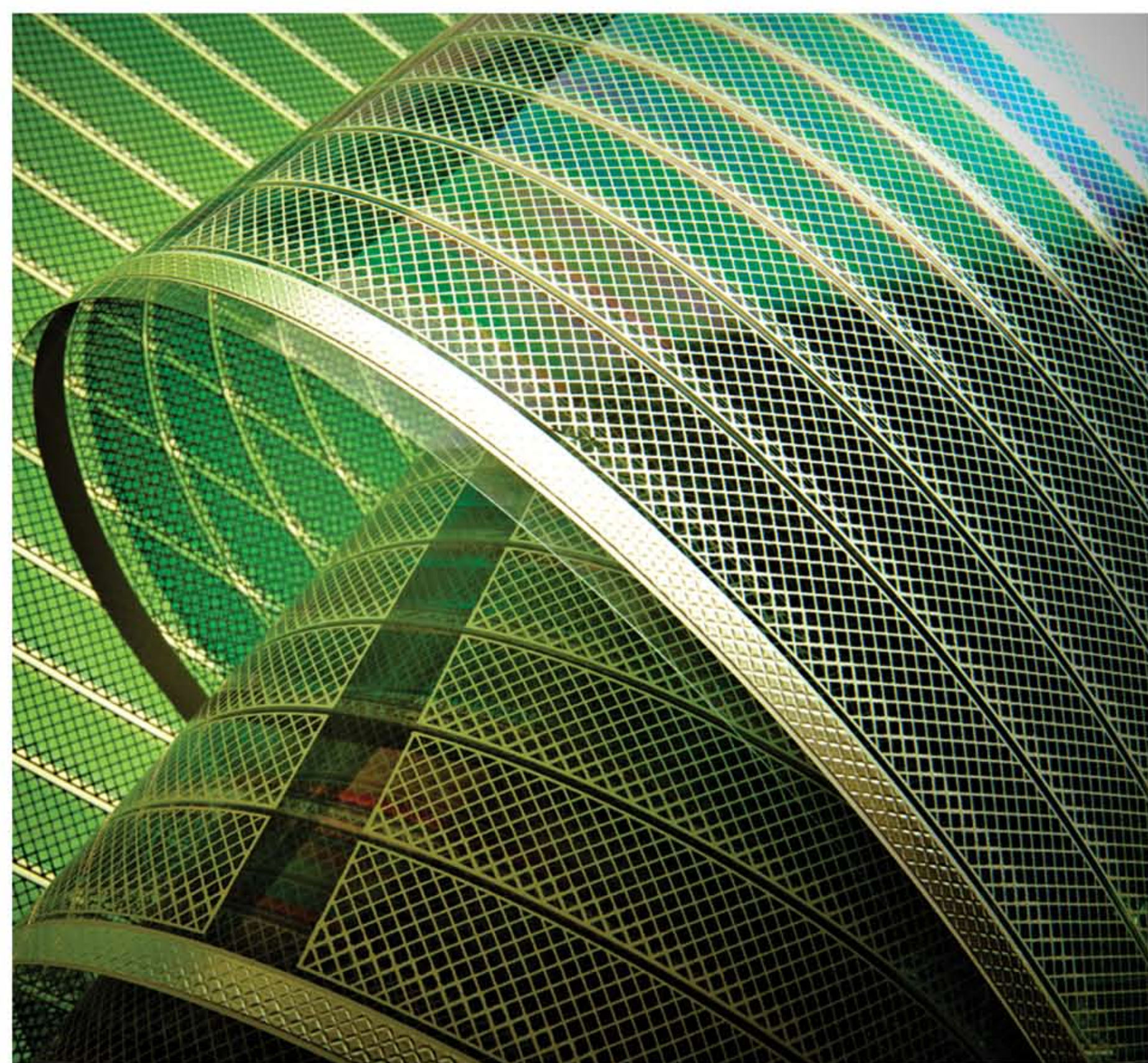


Sunflower

Organic photovoltaics
The newest generation of solar power

New form factors
Low weight

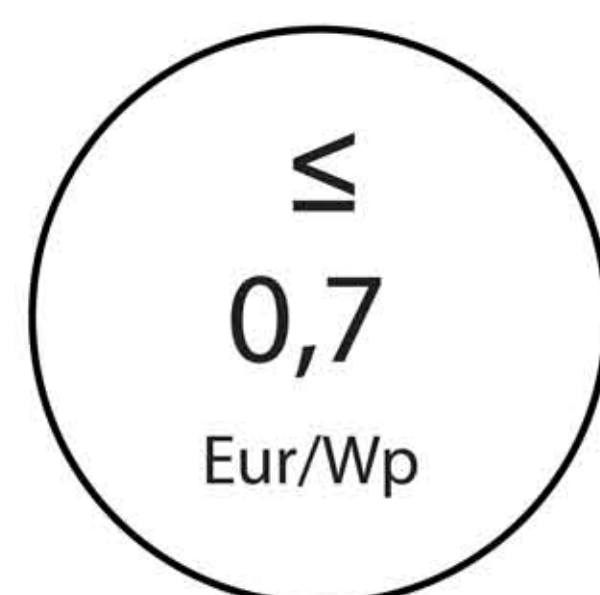
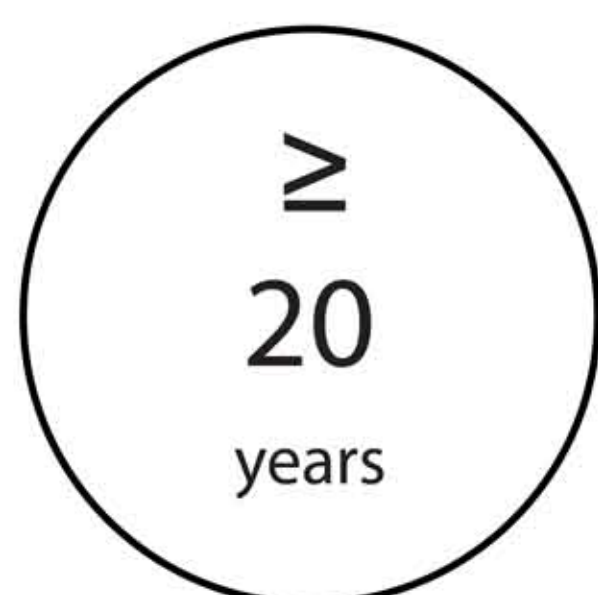
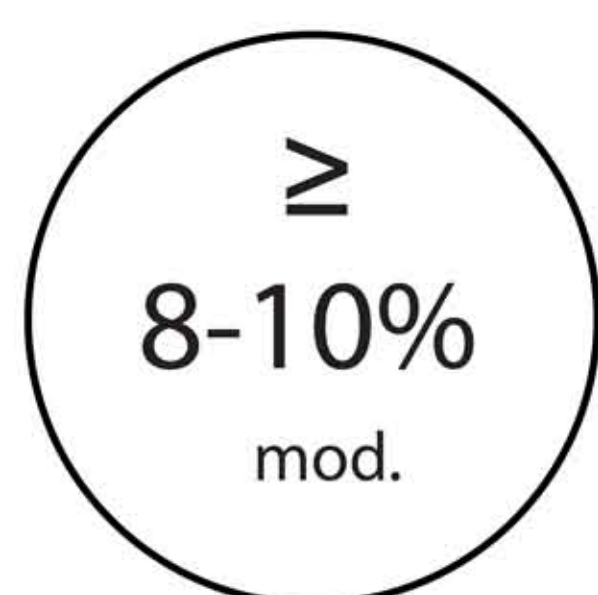
Flexibility
Low cost



Printed Organic Photovoltaics

Sunflower is a collaborative research project of 17 partner institutions from science and industry

Project Targets



Increase efficiencies Increase expected lifetime Decrease costs

High efficient architecture

Tandem cells, dedicated light management structures.

High performance materials

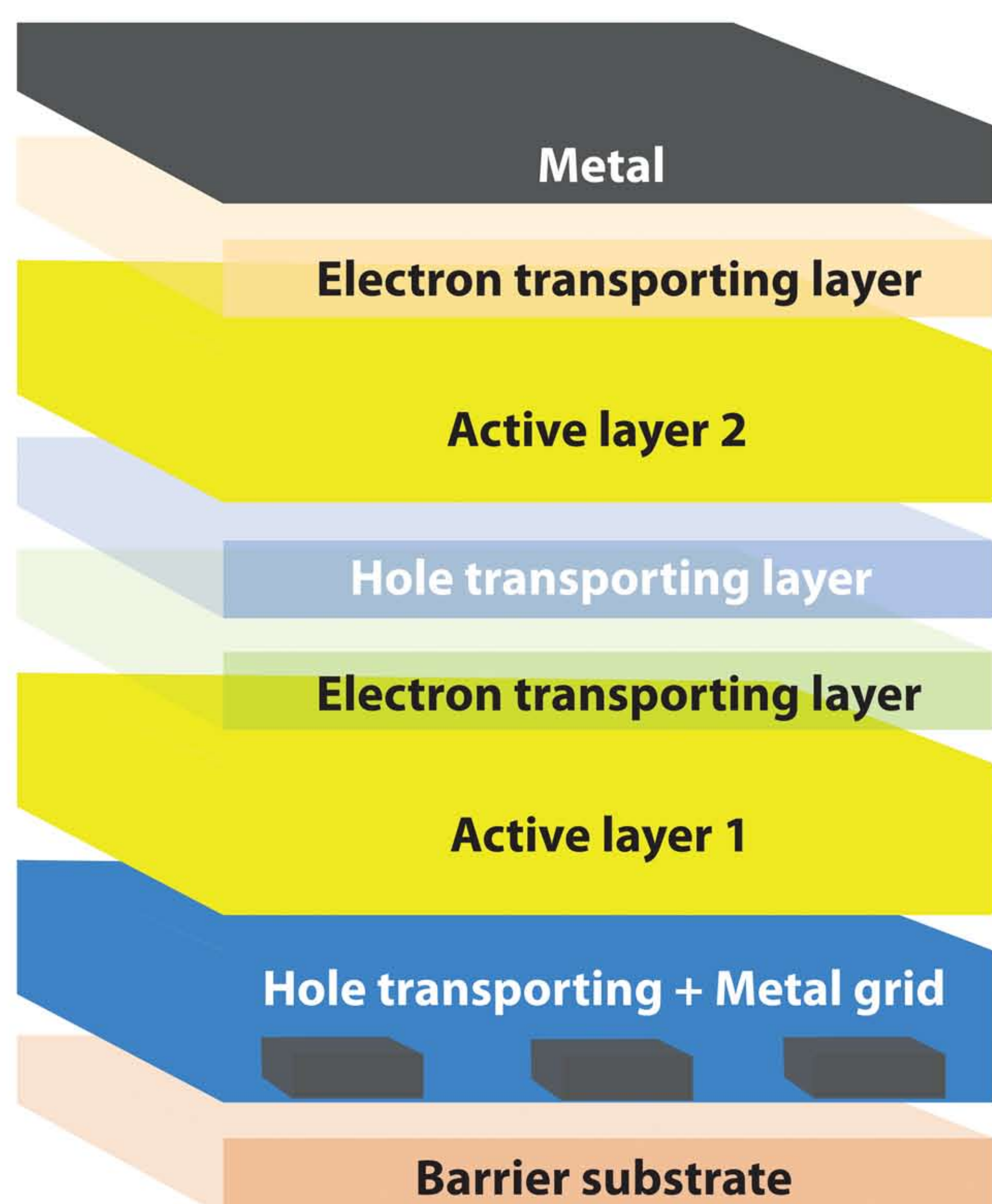
Active (photo-active) and passive (barrier), process controlled morphology.

Cost-effective solutions

Roll to roll compatible materials and processes. Flexible substrates, diffusion barriers and ITO-free conductors.

Deep understanding

Device physics, degradation mechanisms and environmental impact of materials and processes.



European partners

