

ecoShade Smart Solar Façade

At INFINITY, we believe true sustainability comes from simple ideas powered by smart technology.

Our mission is to create disruptive solutions that reduce energy use and carbon emissions — using only clean energy from the sun, wind, and sea.

We design autonomous devices that work without human interaction or complex electronics — technology that respects the planet while improving urban and natural environments.

**Green Tech + Smart Tech → Easy Concept
Cheap Way
Global Use**

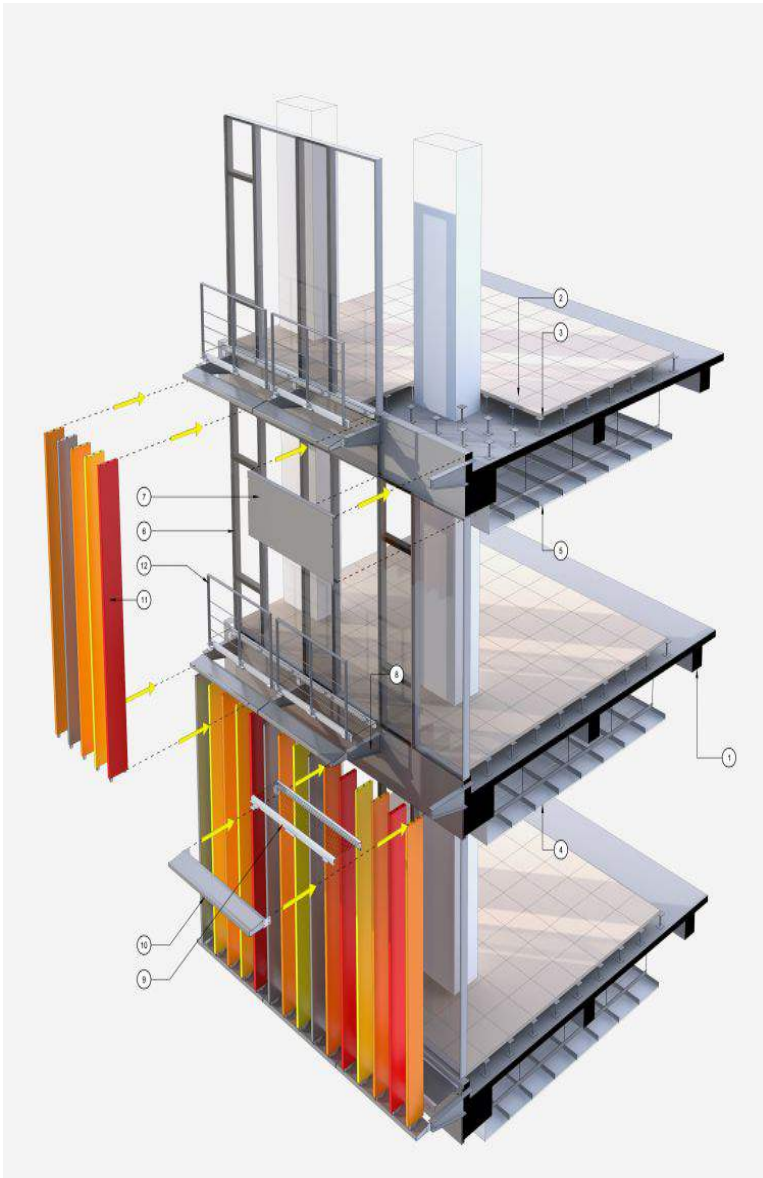
We turn innovation into action, bringing efficiency and sustainability together for a cleaner future and more sustainable world.



ECOshade is our patented, fully autonomous device — an innovative evolution of traditional fixed sunshades.

Unlike conventional systems that rely on energy or electronic components, ECOshade operates automatically and entirely without external power, adapting naturally to the rhythm of the sun.

Each SHADE works independently and rationally: when solar radiation increases, it gradually rotates on its axis to block excess sunlight and prevent overheating inside the building. As the solar radiation decreases, each element returns smoothly to its original open position, allowing natural light to flow back in.



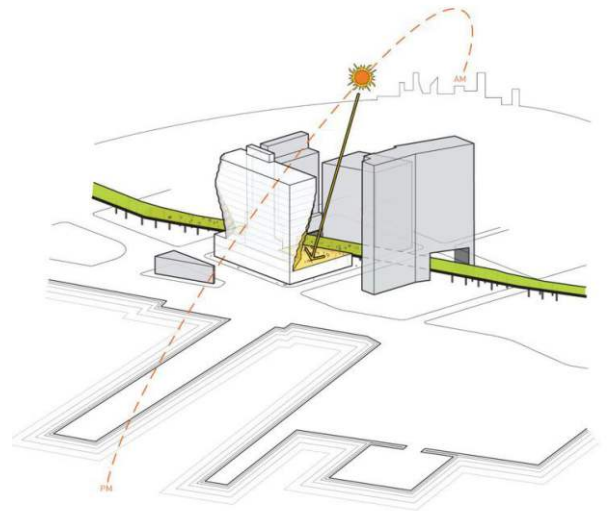
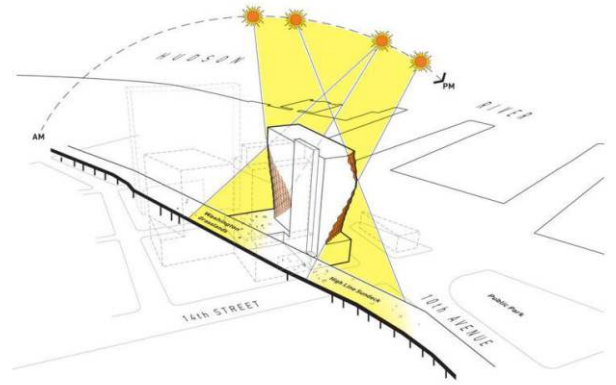
ecoShade Smart Solar Façade

This dynamic behavior makes ECOshade an adaptive façade system, designed to reduce solar gain and optimize daylight within architectural spaces.

Through its smart orientation and responsive geometry, it minimizes cooling energy demand while maintaining thermal comfort and natural light quality indoors.

Inspired by nature and guided by simplicity, ECOshade merges architecture, technology, and sustainability to create buildings that breathe, evolve, and respond to their environment.

It represents a step forward toward a more intelligent and energy-efficient architecture, aligned with the principles of INFINITY — where design must contribute actively to urban and environmental well-being.



We believe that architecture can no longer remain monolithic; it must evolve into responsive skins that interact efficiently with sunlight, climate, and context.

The sun brings both benefits and challenges — and ECOshade was born from that balance.

Our device provides an efficient solar control solution, suitable not only for building façades but also for multiple applications, such as greenhouses, urban shelters, and adaptive outdoor structures.

By harnessing solar energy intelligently, ECOshade helps build a more sustainable world, one façade at a time.

Through intelligent orientation and responsive design, it minimizes energy consumption for cooling while maintaining interior comfort and daylight quality. Inspired by nature and driven by simplicity, ECOshade merges architecture, technology, and sustainability to make buildings more energy-efficient and environmentally conscious. Harnessing sunlight intelligently for a more sustainable world.