Impact Mile

Planet

by ✦ eDF

Manifesto

Technologies tackling the world's biggest challenges

We believe that technology can be a force for positive change. That's why we've carefully selected these innovations that have the potential to make a real difference in the world.

We used a multi-step methodology with our partner Axionable to evaluate these innovations and highlight their impact from an environmental and social standpoint.

Following these analyses, we are showcasing 18 Tech for Change innovations designed to minimize their negative impact on the environment and to maximize their positive impact on society.

Visit the Impact Mile and see where a sustainable future begins !

Neoplants

Neoplants aims to offer a natural, sustainable solution for the cleaning of indoor spaces. The genetically modified Neo P1 plant captures VOCs (Volatile Organic Compounds) present in the air and degrades them through the process of metabolism.

Neoplants claims that the VOC capture capacity of Neo P1 is 30 times greater than that of a natural plant, and Patrick Torbey, co-founder of Neoplants, claims that one Neo P1 plant is enough to clean a room of around 13m2.

Notpla

Notpla offers a range of single-use packaging made from algae.

This innovation is helping to establish sustainable consumption and production patterns by reducing plastic waste pollution from non-recyclable single-use packaging.
The range of packaging is 100% compostable.

Morfo

Morfo is a company with a mission: sustainable reforestation.
The company sets itself apart by combining an in-depth study of ecosystems with a capacity for action enhanced by the use of drones, an approach that combines manual and technological seeding.
Morfo works to reform natural forests by planting a variety of seeds adapted to local climates.
The aim is twofold: to enable the reconstitution of a natural habitat that is resistant to risks (pests and diseases) for local fauna, and to increase the carbon absorption capacity of plants.
Through its actions, Morfo is fighting climate change and its repercussions, as well as preserving and restoring terrestrial ecosystems.

Sweetch

Sweetch offers an innovative energy extraction technology.

Its purpose is to generate electricity by harvesting osmotic energy (the energy released when two different types of water with different salt concentrations come together), with the ambition of developing reliable and sustainable energy services.

Cake

Cake offers long-life motorized electric two-wheeled vehicles.

The use of Cake products as a substitute for internal combustion engine vehicles reduces the GHG emissions associated with mobility and slows down the vehicle replacement cycle.

World Wide Wind

World Wide Wind offers a new generation of floating offshore wind turbines.

Through its innovative solutions, the company is helping to guarantee access to reliable, sustainable and modern energy services.

World Wide Wind offers wind turbines that can be installed in "fields" with a density two times greater than that of conventional wind turbines, making it possible to produce more energy while minimizing space requirements and visual pollution.

Carbon8

Carbon8's breakthrough technology enables the capture of CO_2 from the chimneys of industrial sites such as ERUs (Energy Recovery Units), biomass plants, etc.

This technology makes it possible to recycle the ash from production into granulates (in contact with the captured CO_2) that can be used in a variety of sectors.

BeZero

BeZero is a platform for grading carbon offset projects.

The scores assigned to each project give an idea of the reality of the claims made.

It is useful for companies and other third parties to find out how robust the figures put forward for each offset project really are.

Olenergies

Olenergies' batteries are much more durable, lasting 20 to 25 years compared with 8 years for today's batteries.

Ole Energy's ambition is to play a key role in France's energy transition by offering multi-use, high-performance electrical energy storage capacity.