

Nuotwo - an indoor smart panel that turns buildings into carbon sinks through CO₂ & CH₄ capture. We turn a problem into a business opportunity, while helping save our planet.

Description



Nuotwo is a hardware startup: an indoor, wall mounted active panel that absorbs CO₂ and turns it into O₂ and biomass. Thus, it reduces the user's expenses by lowering heating & cooling costs, while creating revenue by producing biomass. It can also be used to absorb CH₄, and turn it into a market viable byproduct. Nuotwo helps in pandemics by reducing pathogens in the air through its sterilization features.



BeaRD bureau d.o.o.
RIS-CountriesCroatia

Business Model



Our business model is a B2B partnership, or in biology – an ecosystem. By installing our panels in their office buildings, our partners receive lower expenses and a nice image at 0 additional cost. We collect the biomass from the installed panels, and put it on the market. For a 3000€ worth of installed panels (turnkey service), we generate an income of 6000€/yr.

Category

Green building; Smart building; Facilities; Clean Industry; Industry efficiency; Microbiology

Target



Our goals for 2020 will be aimed at these points: -successful inoculation and development of 1 initial culture batch in vitro -successful inoculation and development of 1 initial culture batch „in vivo“ -bring our proof of concept project to end -alpha-prototype disassembly and analysis, followed by beta-prototype design and manufacturing -further IP protection -early business development -field testing through pilot-projects with first movers -find early adopters and launching customers -set our network of development partners, and our business

Contact



Marko Brkljacic
marko.brkljacic@gmail.com
www.nuotwo.com

Notes