

About us

We are at the forefront of pioneering **next generation materials** to enable **cost competitive green hydrogen** production.

Matteco's patented solutions rely on non-PGM catalysts, using an innovative nanotechnology that sets a **new standard for water electrolysis**.

10,000m²

Manufacturing space

GW-scale

Production capacity

Best-in-class performance



Lower energy consumption

Up to 30% lower overpotential requirement vs. commercial standards

Higher admissible current densities

2-3x higher current density vs. commercial standards

Superior stability

Sustained performance during long operating periods



No critical raw materials

Ni-Fe-based catalyst free of PGMs such as platinum and iridium

Avoiding supply chain and geopolitical risks



Industrial-scale supply

First company able to deliver state-of-the-art anotechnology at industrial scale

GW-scale to support the needs of the green transition



Custom formats & large sizes

Product available as:

- Catalyst powder & ink
- Catalyst coating
- Full electrode

Tailor-made sizes in sqm scales

Our Team

Experienced management team



Iker Marcaide
Co-Founder & CEO

Serial entrepreneur and impact investor. MIT MBA & MS. Founder & chairman of Zubi Group, with +200 employees focused on impact company building and investment mgmt. Founder and former CEO of Flywire, \$4bn NASDAQ-listed tech venture.



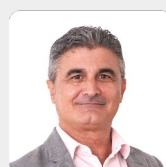
Gonzalo Abellán
Co-Founder & CTO

Group Leader and Distinguished Researcher on 2D elemental materials at the Institute of Molecular Science of the University of Valencia. PhD in Nanoscience. GenT Excellence Researcher and ERC Starting Grant recipient.



Vicente Vert
Executive Project Manager

UPV Chemical Engineer PhD. Researcher and project coordinator of several European and national projects.



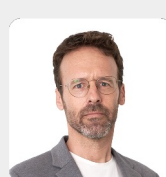
Arturo Torres
Site Director

UPV Master of Engineering. 25+ years of expertise in operations management, industrialization and project execution.



Daniel Orient
Special Projects Manager

UPV Aerospace Engineer and former Co-Founder and CTO of Zeleros Hyperloop



Manuel Quesada
IP and innovation Manager

University of Leiden PhD. Expert in IP, innovation, and intellectual asset management.

Fast-growing team of 25+ employees

We are a group of scientists, entrepreneurs and impact investors united by a common purpose: **create new materials to decarbonize the economy and help build a better future.**



Expanding R&D, industrialization, quality, business development and innovation teams, on track to reach **100+ employees by 2025**



Matteco currently has clients in Europe, North America and Asia, and is working with electrolyzer manufacturers as well as hydrogen plant developers