

We produce high-performance
customized catalysts for clean
energy and chemistry.

C2CAT
CARBON & ENERGY CATALYSIS



WWW.C2CAT.EU

Catalysts are the major cost for H₂ industry!

High amounts of
rare-elements

X

Not efficient,
not durable

X

Expensive
(70k€ Pd/kg)

X



C2CAT's custom-made catalyst solution



offers at least 60% higher profit!



Substituted rare elements

200% increased performance

100% higher stability

No extra handlings



Discover, design and synthesize



Computational modelling



Data-driven chemical
discovery



Intelligent material
selection



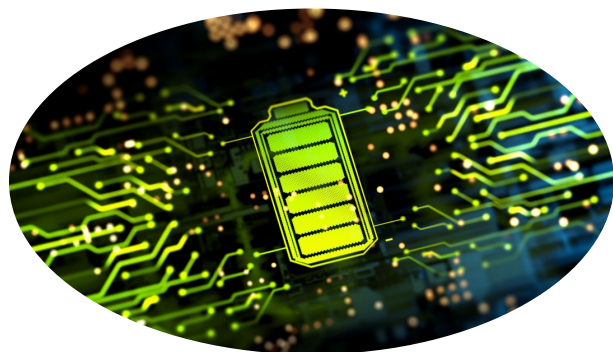
Optimized synthesis

IP for synthesis of highly
active and durable catalysts

Know-how of catalyst
design

Unique combination of
fundamentals with practice

Reduced waste and substituted rare and critical elements!



Accelerate chemistry of energy transition by smart design of catalysts



Reduced waste by improved performance of catalysts

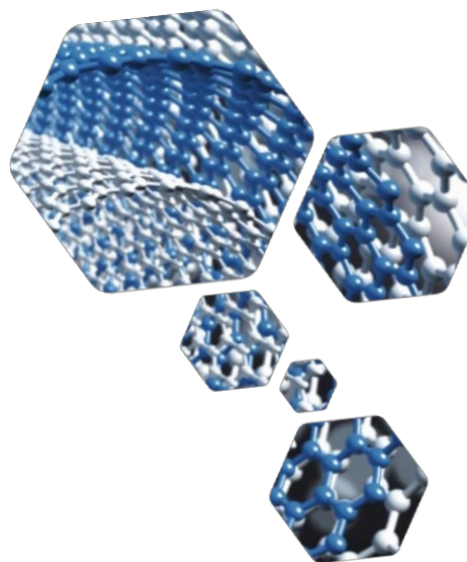


Substituted critical elements



Dr. Farnaz Sotoodeh
Founder and Director (2020-)

PhD in catalysis for hydrogen storage
(2011, UBC, Vancouver, Canada)



Doris v.d. Heuvel
Marketing and communications (2022-)



Pavlo Danileiko
Digital Chemistry (2022-)



Elizabeth Castaño Hernandez
Lab Technician (2023-)

CATALYSIS