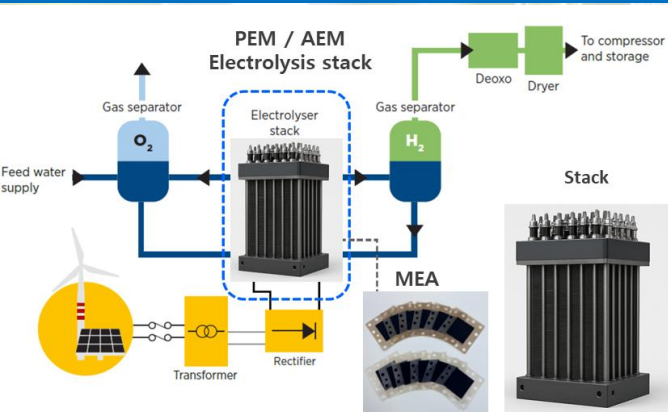


# Hyscape

## Hydrogen energy Landscape

We are creating a green energy systems based on green hydrogen

### What we do



We are a manufacturer of PEM water electrolyzer stack and its core component, MEA.

We are a cost competitive and reliable product supplier for green hydrogen production equipment.

Ultimately, we will become a maker that supply self-generating energy system with renewables, hydrogen production and fuel cells with green hydrogen

### Who we are and what we have



**Hoonhee Lee, CEO/CTO**

- PEM electrolysis/fuel cells expert
- Career, 19 years(HMC etc.)
- MEA for fuel cells vehicles
- MEA/stack production factory setup
- Hydrogen storage system and materials
- Leisure boat with PEMFC
- PEM water electrolysis stack/system
- TRIZ expert level 3(ITA)
- Master, Materials science and engineering, Korea University



**Yongmin Kim, CSO**

- PEM fuel cells/AEM electrolysis MEA
- Career, 14 years(HMC etc.)
- MEA for fuel cells vehicles
- MEA manufacturing equipment, production process
- Design of the PEM/AEM membranes and manufacturing
- MEA development for the AEMWE
- Master, Chemical Engineering, Yonsei University



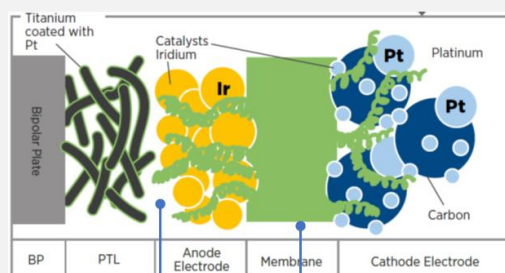
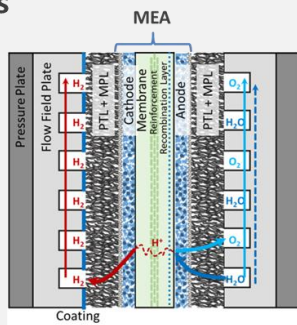
**Jea Huh, COO**

- Investment, Finance, Global operation
- Career, 14 years(N15 partners etc.)
- Accelerator for hardware startup companies
- PwC, manager
- USCPA
- Master, Graduate school of Engineering practice, SNU

Commercialization of PEM fuel cells for automotive applications + experiences for stack production factory set up  
→ Advanced PEM and AEM electrolysis components and stack production



### Technologies



### Water electrolysis(PEM, AEM) and Fuel cells(PEM)

- design of the catalysts and electrodes(coating, decal, thin-film based PTE etc.)
- design of the membranes(enhancement layer, additives for the durability and crossover mitigation) and manufacturing technologies
- characterization of electrochemical properties(IV, AST etc.), degradation analysis(electrochemical, physical and chemical) solution
- MEA(Membrane electrode assembly) manufacturing technologies and equipment
- cell design and manufacturing