

OTECHOS

Innovative Norwegian company
developing new technology
positive displacement machines

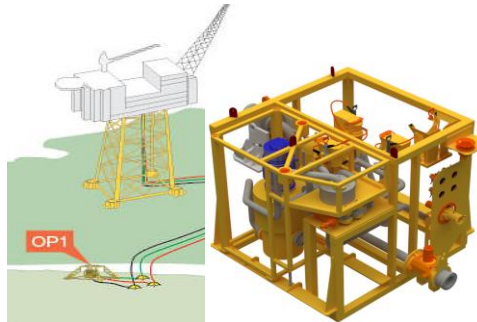
- Compressors
- Pumps
- Expanders



Focusing on Green Applications

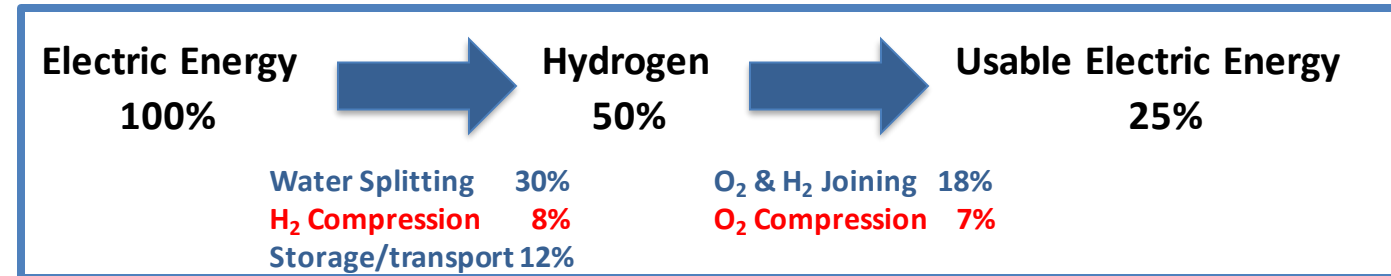
History from Oil & Gas industry

Example of current Oil & Gas projects:
New technology seabed two-phase
oil/gas pump



OTECHOS HYDROGEN COMPRESSION

Challenge: To reduce losses when using Hydrogen as energy carrier



Energy to run compressors (**15%**)

Usable Electric Energy (25%)

Compressor use is equal to **60%** of the Usable Electric Energy.

For every 1.7% we improve compressor efficiency we get 1% more energy from Hydrogen

Solution: OTECHOS Compressor - 46% less energy usage

**OTECHOS - Increasing Hydrogen Efficiency
by Increasing Compressor Efficiency**



Horizon Europe, EIC Accelerator
Awarded European Union Funding
for game-changing innovations

