

ANOTHER WAY TO THE FUTURE SAIPEM IVHY™ 100

GREEN HYDROGEN SOLUTION powered by nel•

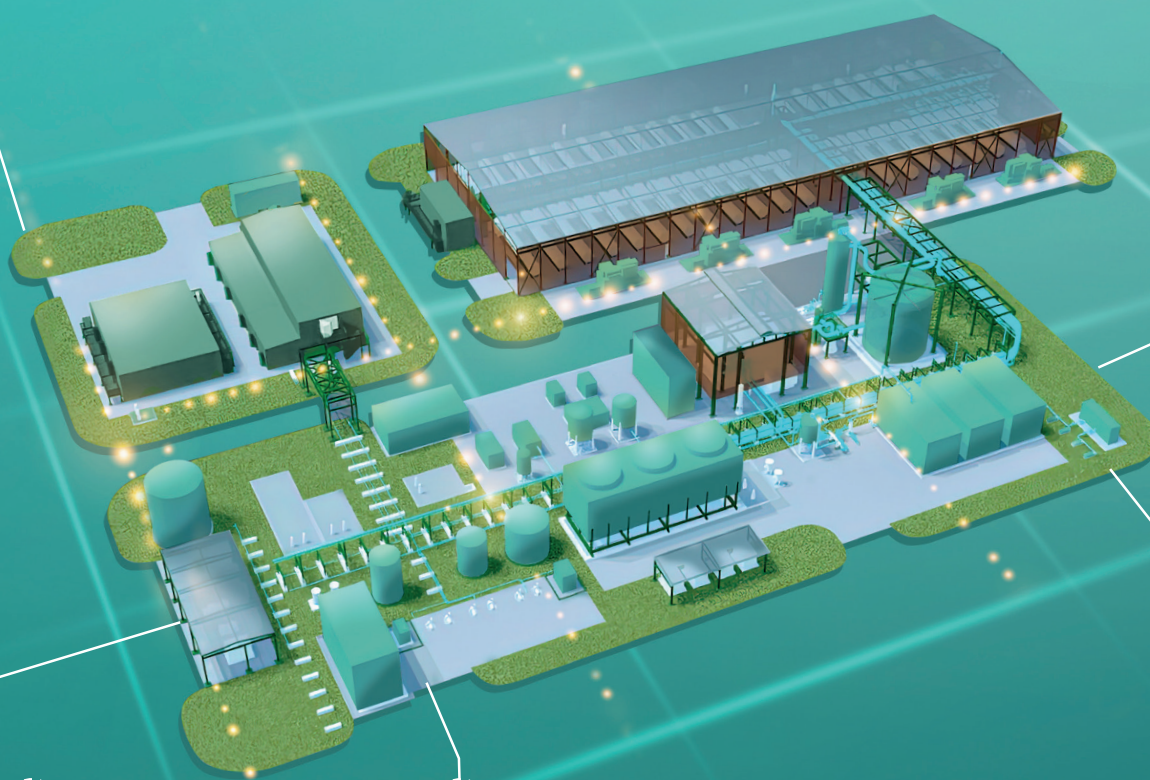
IVHY™ 100 is Saipem's **SUSTAINABLE, RELIABLE, INDUSTRIALIZED, SCALABLE AND MODULAR** solution for green hydrogen generation, based on Nel's alkaline technology.

IVHY™ 100 addresses the growing green hydrogen demand for the decarbonization of the hard-to-abate industry and the production of green derivatives, such as ammonia, methanol and sustainable fuels, to support our Clients in their journey towards Net Zero.

IVHY™ 100 PRODUCT PERFORMANCE

Capacity (scalable) 100 MW

H₂ Purity > 99.99%



GUARANTEED DESIGN AT SCALE

Reliable solution based on Nel's proven technology
Guaranteed product based on Nel's large installed base
High efficiency guaranteed over time

EFFECTIVE AND PREDICTABLE OPERATION

Simple and robust design minimizing O&M services
Cost-effective solution and predictable OPEX
Optimized LCOH thanks to continuous technology and design improvement

FAST AND SECURE DELIVERY

Pre-engineered package ready for EPC execution
Fully integrated and optimized design by Saipem, leveraging its experience as EPC Contractor for large scale projects
Scalable solution with purification suitable for multiple industrial end users