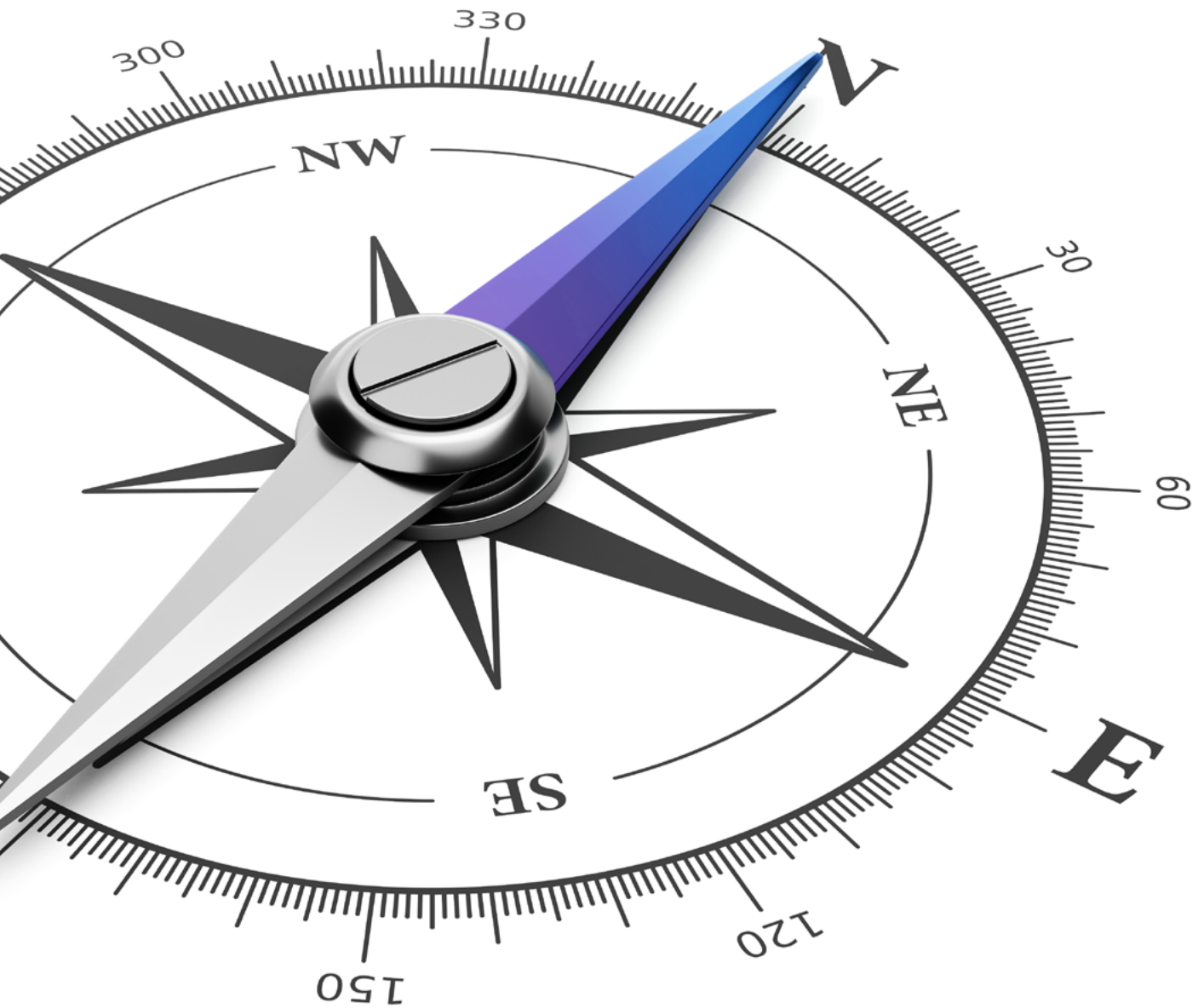


CLEAN HYDROGEN SOLUTION

CompassH2

The Right
Path to
a Sustainable
Future



SAMSUNG E&A

nel•

World Top-tier EPC Company

Key Enablers For
a Green Hydrogen Economy

SAMSUNG E&A

maximizes project viability
by leveraging project experience from
FEL to EPC and proven MODULE EXPERTISE

nel

provides the most energy-efficient and
reliable electrolyzer technology globally,
with over 7,000 electrolyzer installations worldwide

55⁺ years of history
(founded in 1970)

48⁺ countries of experience

1,600⁺ projects delivered worldwide

100 years electrolyzer business

1,000⁺ Alkaline stacks delivered



244,000⁺ tonnes
of module delivered

Largest module delivered
1,500 tonnes

26 projects

15 countries



30⁺ years of experience in PEM

6,000⁺ PEM stacks delivered

4 Billion⁺ cell hours

SERVICE OFFERING

FEL

- Pre-F/S
- F/S
- Pre-FEED
- Licensing

EPC

- FEED
- Equipment supply
- EPC/commissioning
- Wrap guarantee

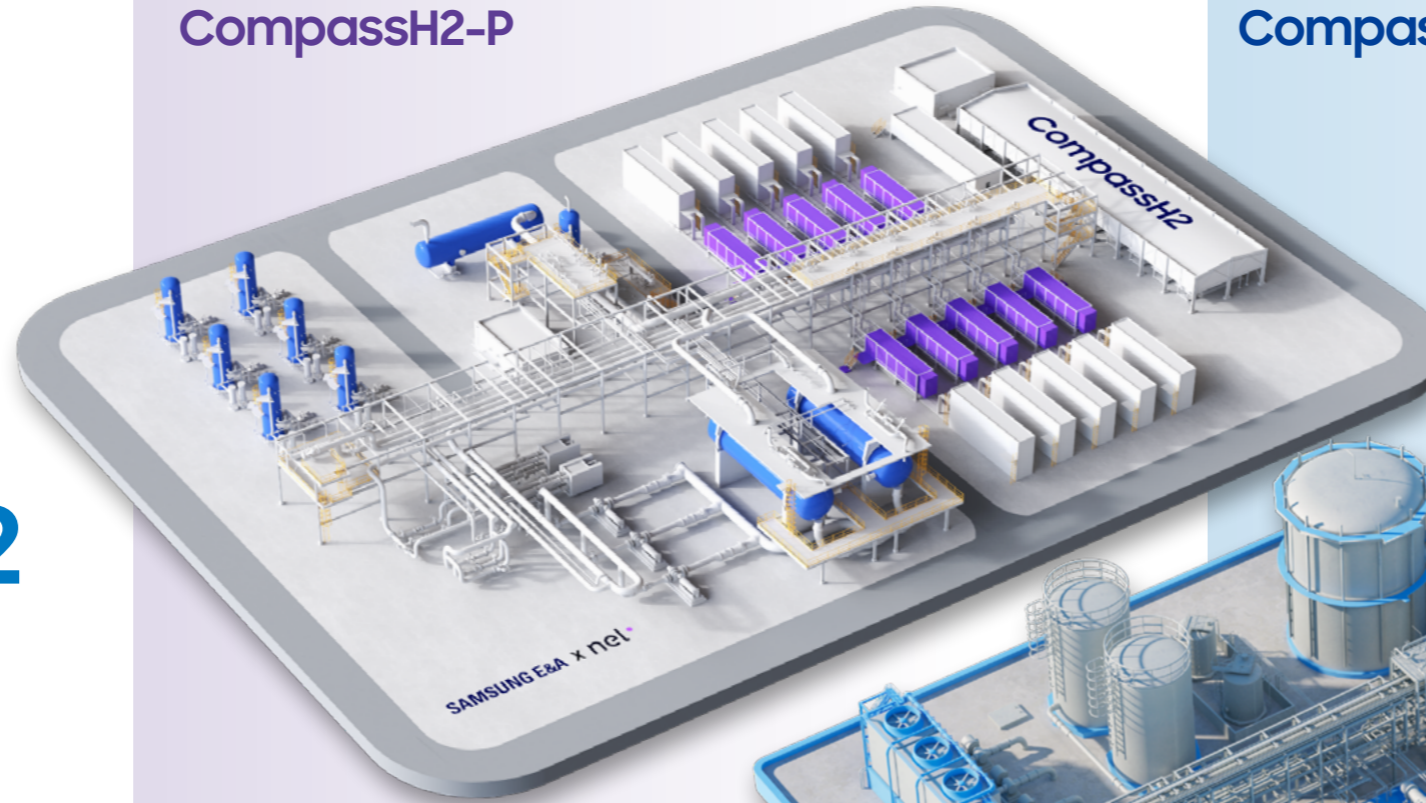
O&M

- Warranty (overall plant)
- Long-term Service Agreement (LTSA)

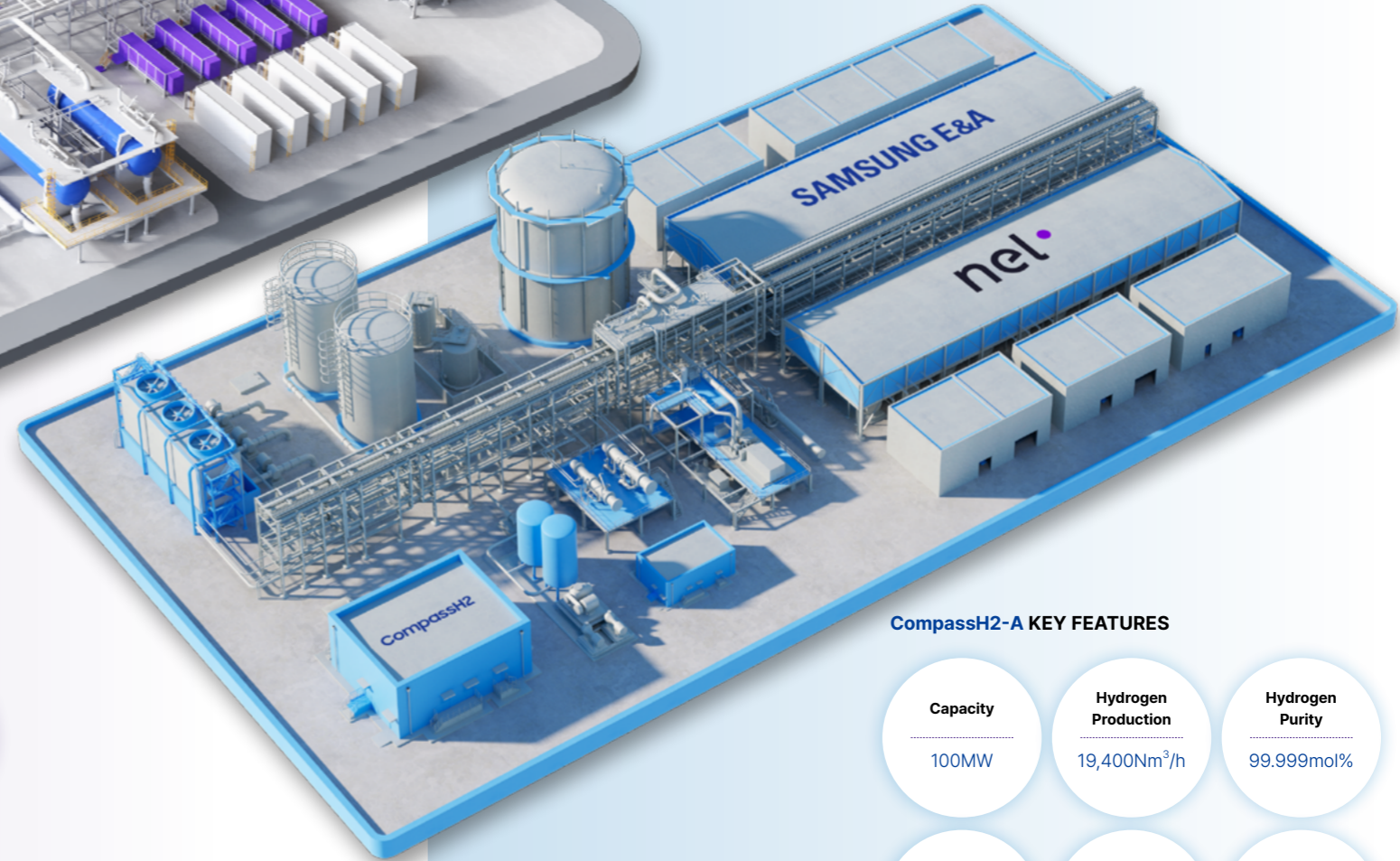
- Scalable & Reliable
- Fast-deploying
- Both Alkaline & PEM

CompassH2

CompassH2-P



CompassH2-A



CompassH2-P KEY FEATURES

Capacity	Hydrogen Production	Hydrogen Purity
100MW	19,800Nm ³ /h	99.9995mol%
Stack Efficiency	Hydrogen Pressure	Footprint
53.2kWh/kgH ₂	30 barg	12,000m ²

CompassH2-A KEY FEATURES

Capacity	Hydrogen Production	Hydrogen Purity
100MW	19,400Nm ³ /h	99.999mol%
Stack Efficiency	Hydrogen Pressure	Footprint
48.9kWh/kgH ₂	0.03 barg	15,000m ²

Tailored to fulfill clients' needs from FEL/EPC/O&M

Seamless project delivery with Wrap Guarantee

End-to-end offering from Hydrogen to downstream products