



BUREAU
VERITAS

SUPPORTING GLOBAL
LOW CARBON
HYDROGEN & AMMONIA
INDUSTRY

BUREAU VERITAS POSITIONNING ON HYDROGEN: BRINGING TRUST AND TRANSPARENCY

With our long-standing experience in the energy industry, especially in **risk & safety management** and **quality assurance**, our overarching role is to **bring trust** to the hydrogen energy industry.

As an independent third party:

- | Certification of assets
- | Certification of equipment
- | Supply chain quality assurance
- | Independent testing and measurement

As a technical expertise provider:

- | Owner's engineer
- | Technical advisory
- | Permitting support
- | Risk & safety management



**BUREAU VERITAS HYDROGEN & AMMONIA
CERTIFICATION SCHEME & LABEL**



BUREAU
VERITAS

A UNIQUE SCHEME RELYING ON 3 PILLARS

1



SAFETY

- Compliance with safety standards
- Application of best practices
- Process safety from design and construction until operations

2



SUSTAINABILITY

- Water footprint
- Assessment of sustainability through ESG criteria
- Environmental impact

3

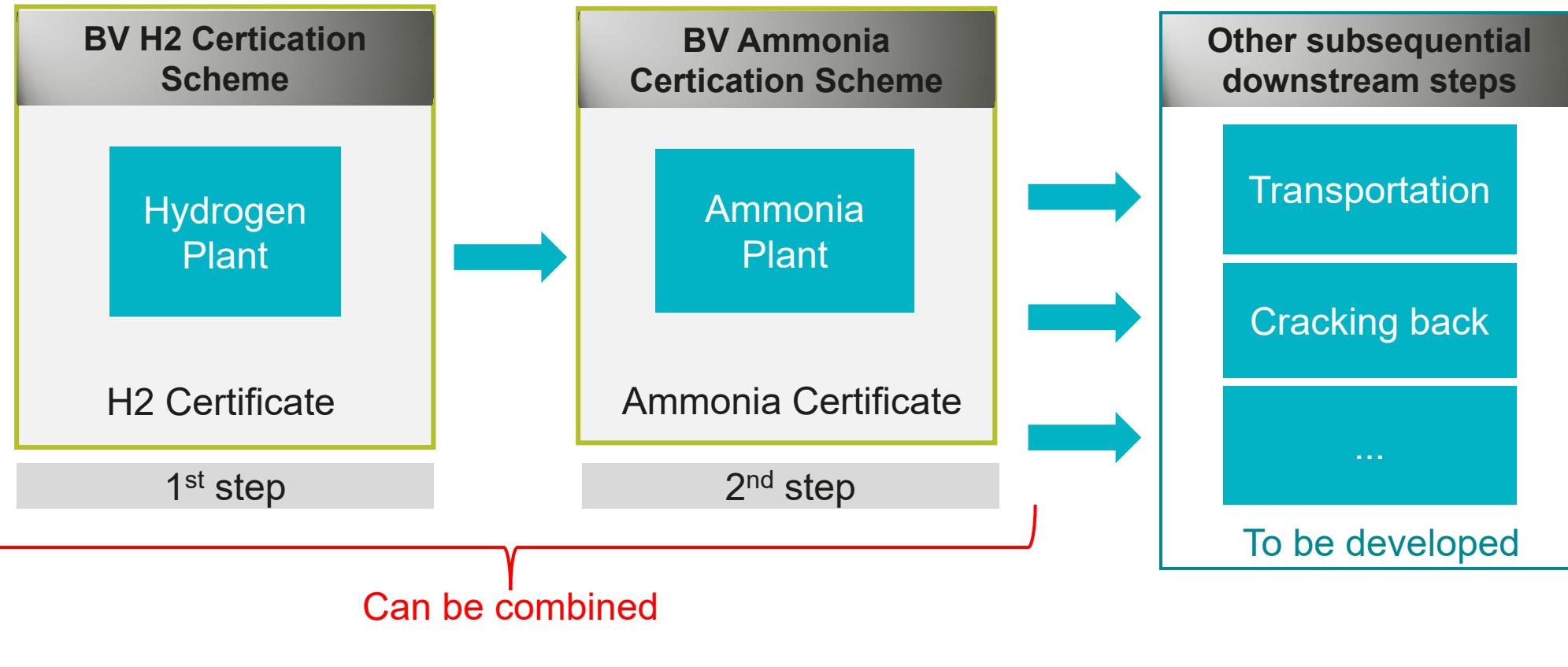


RENEWABLE INPUT

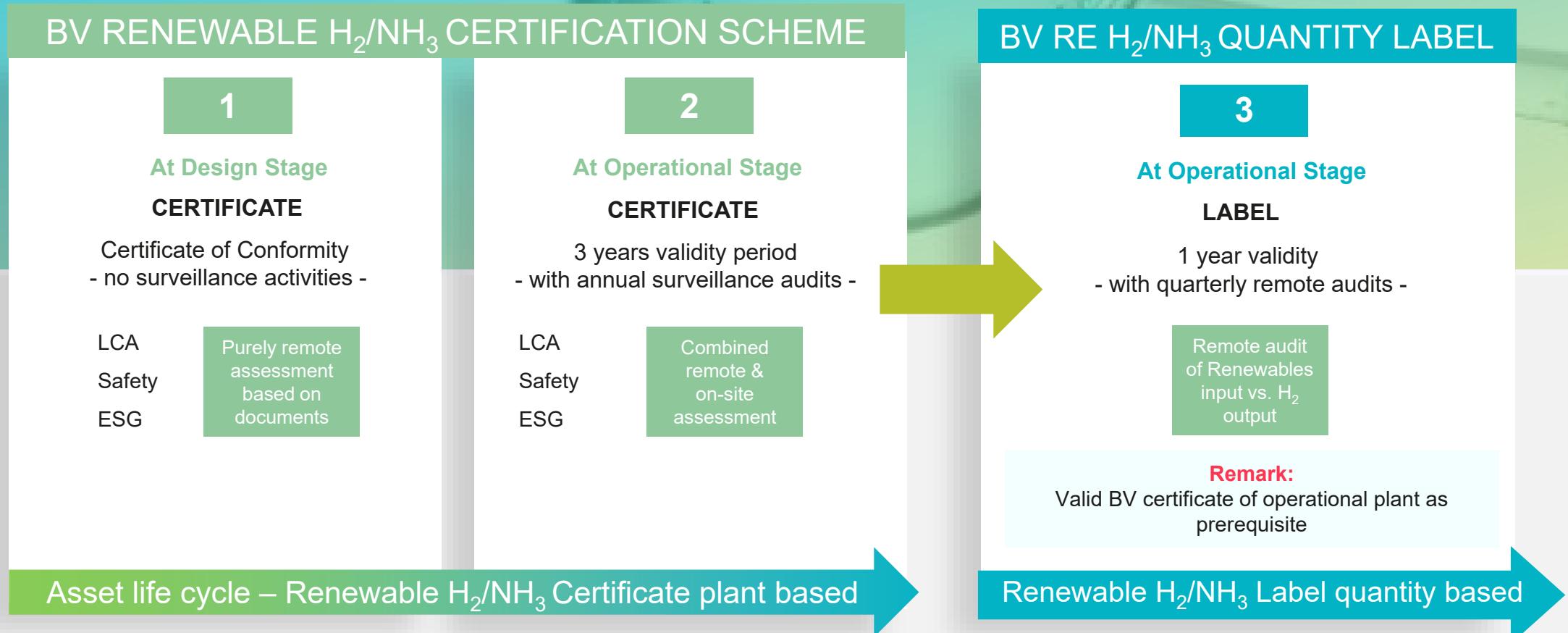
- 100% renewable electricity
- Overall carbon footprint below **2kg CO₂eq / kg H₂***
- 0,5kg CO₂eq / kg NH₃***

*capital goods excluded

SEQUENCE OF HYDROGEN & AMMONIA SCHEMES

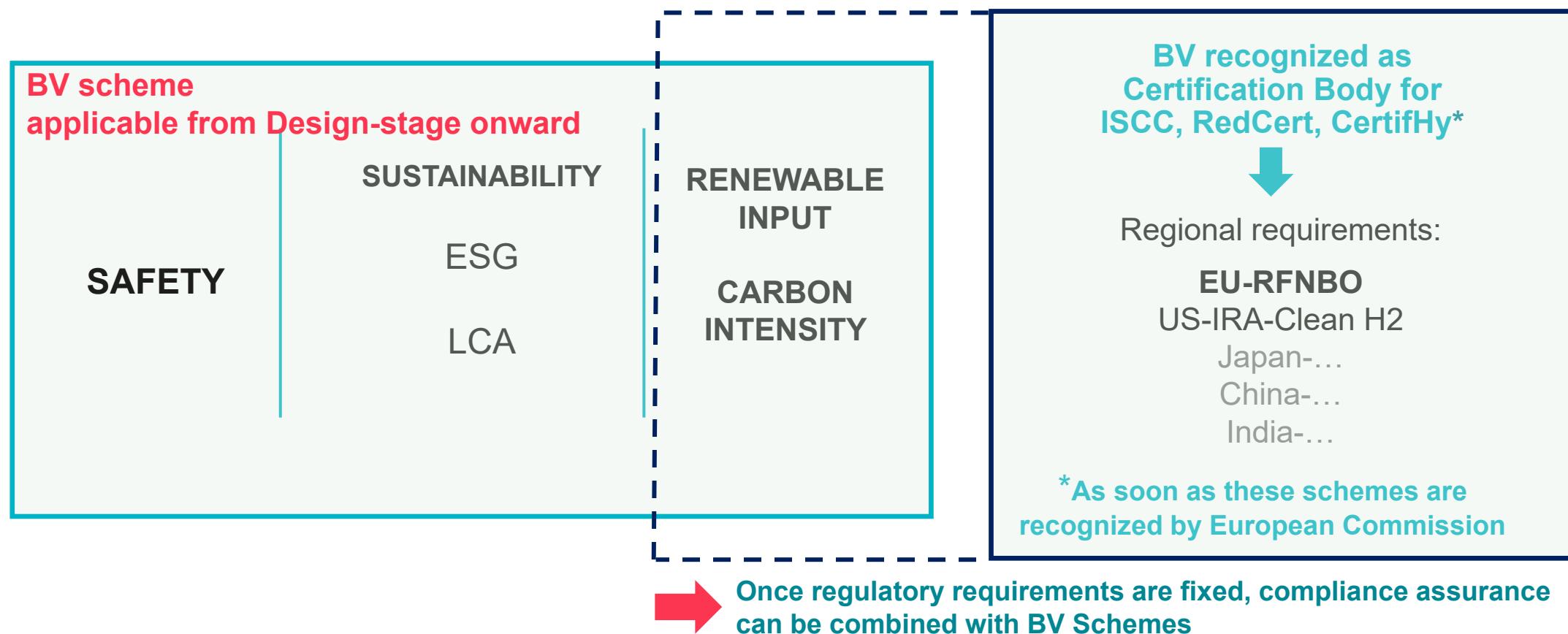


A CERTIFICATION PROCESS IN 3 STEPS



Conversion of Renewable Hydrogen to Ammonia is covered with a dedicated Certification & Label scheme using the same process.

HOW TO DELIVER REGULATORY COMPLIANCE





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Shaping a World of Trust

WWW.BUREAUVERITAS.COM

