



BluEnergy
Revolution

BLUENERGY REVOLUTION: OPPORTUNITÀ ED ESPERIENZE IN AMBITO IDROGENO

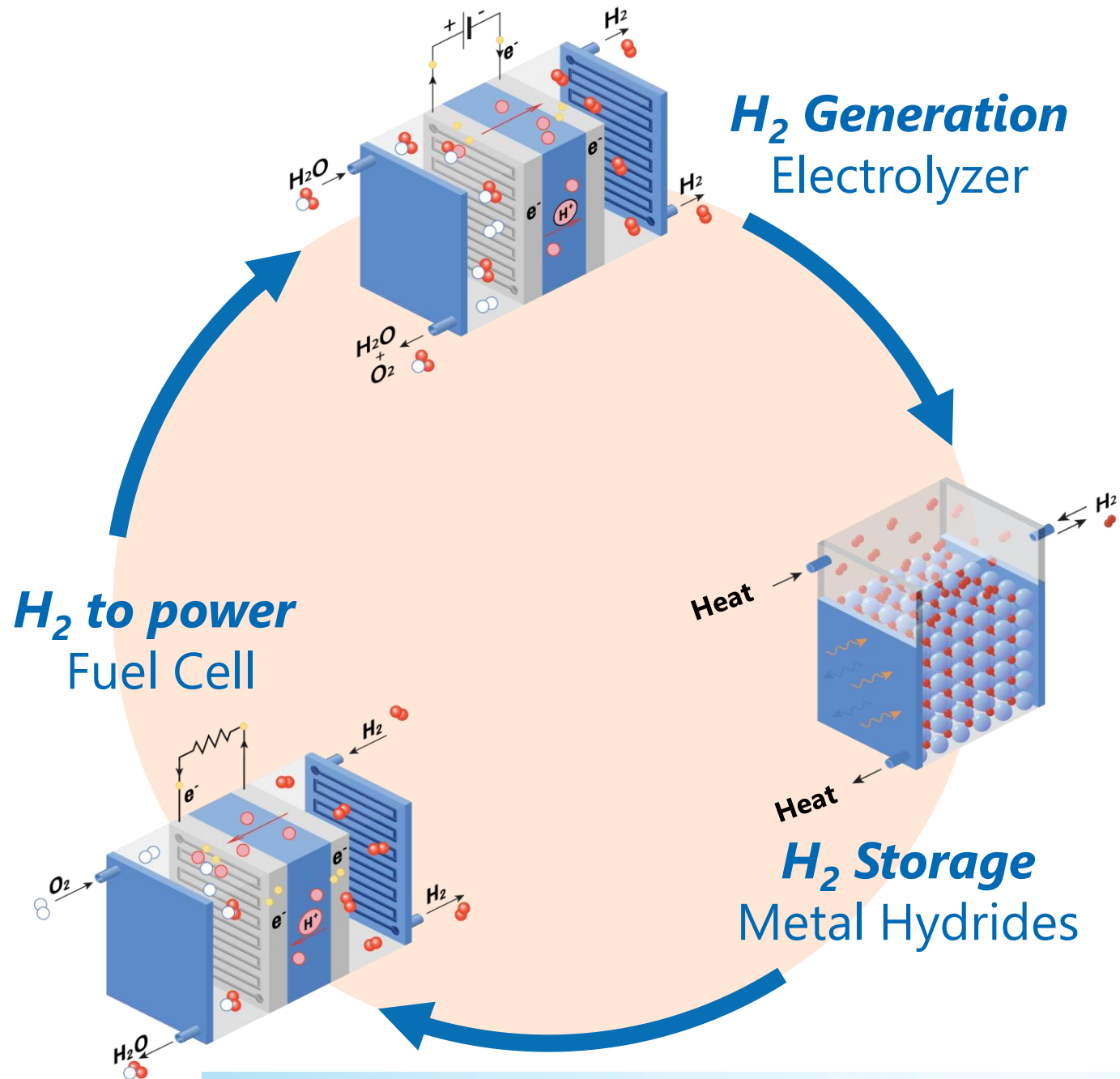
ANDREA GIUGNO

Project Manager, BluEnergy Revolution



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- *System integrators*
- *Hydrogen projects*
- *Product developers*
- *Hydrogen tech specialists*
- *Hydrogen R&D*



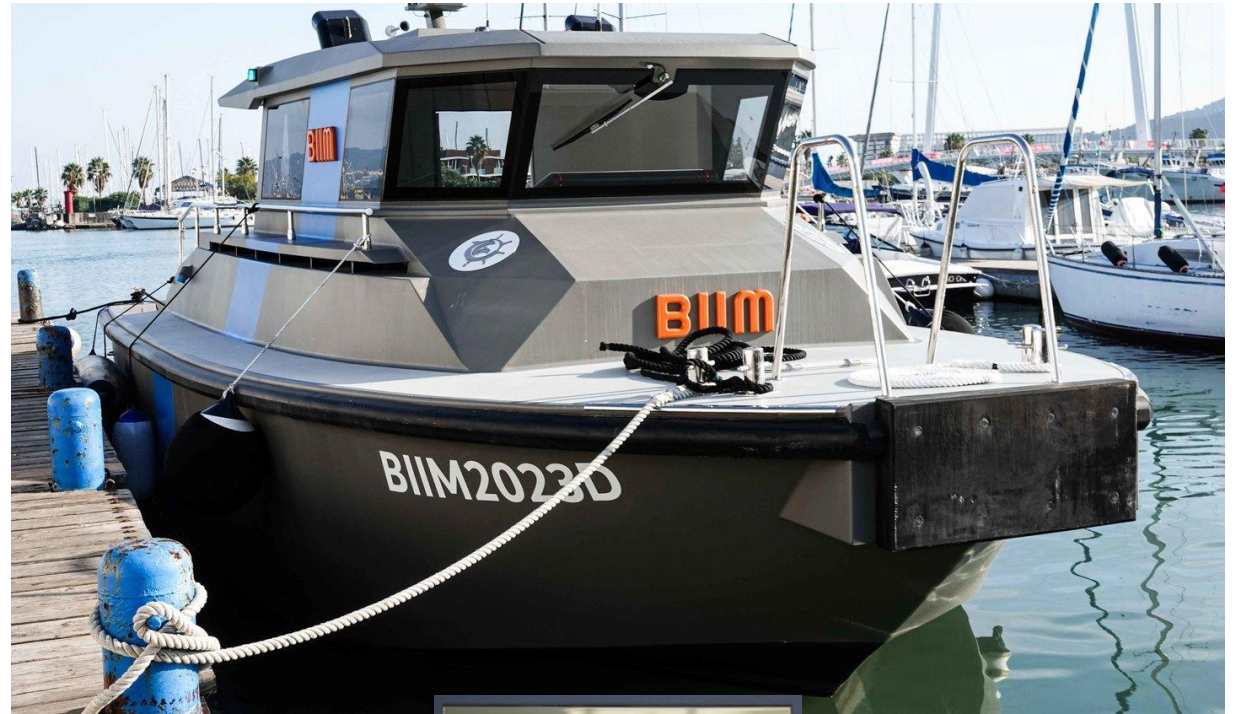


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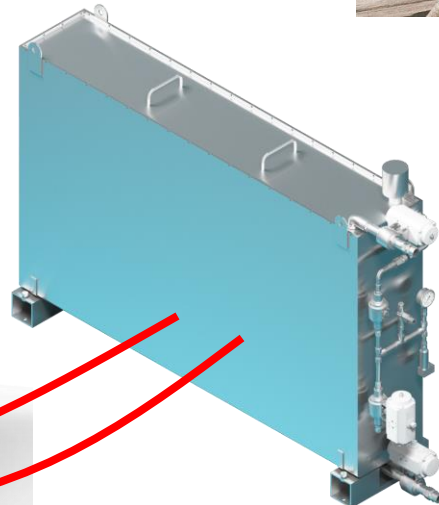
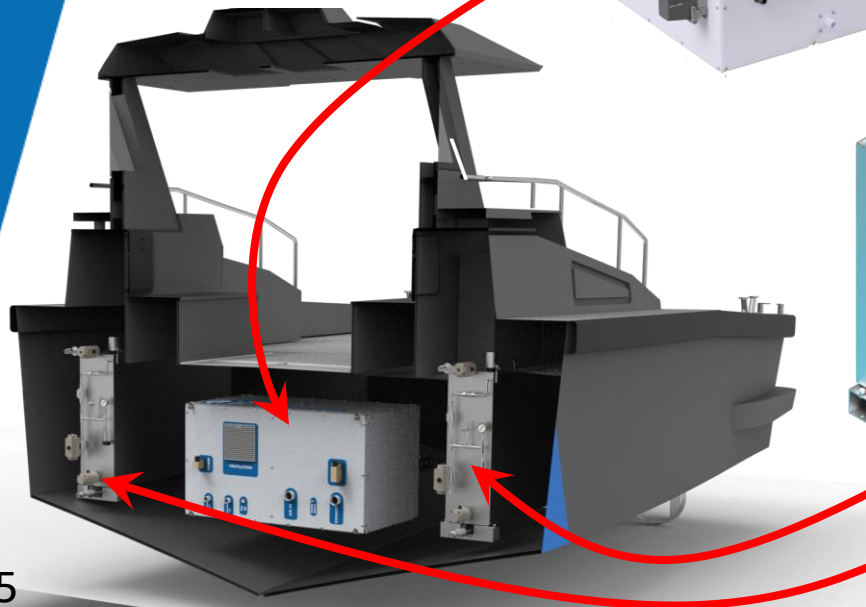
for the BIIM project

2021-2024: BIIM project

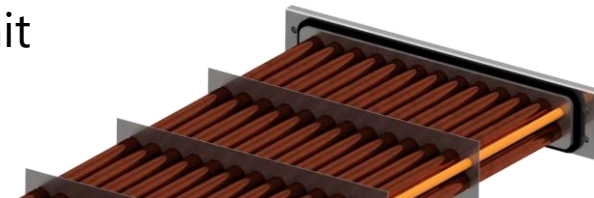
Battello Ibrido ad Idrogeno Modulare



45 kW Fuel Cell



2 x Metal hydride Storage unit
(7 kg H₂ storage)



03/10/2024 Webinar "Idrogeno verde e Competenze per le PMI: Le Opportunità di EEN e H2Excellence"



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BAGLIETTO
1854

2022-2024: Baglietto

Electrolyzers and H₂ Storage system integration



03/10/2024 Webinar "Idrogeno verde e Competenze per le PMI: Le Opportunità di EEN e H2Excellence"



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ENPHOS



1 MW PEM Electrolyzer
preliminary design

2023-2024: 160 kW PEM Electrolyzer
design and installation



03/10/2024 Webinar "Idrogeno verde e Competenze per le PMI: Le Opportunità di EEN e H2Excellence"

2023-2024: SITAV

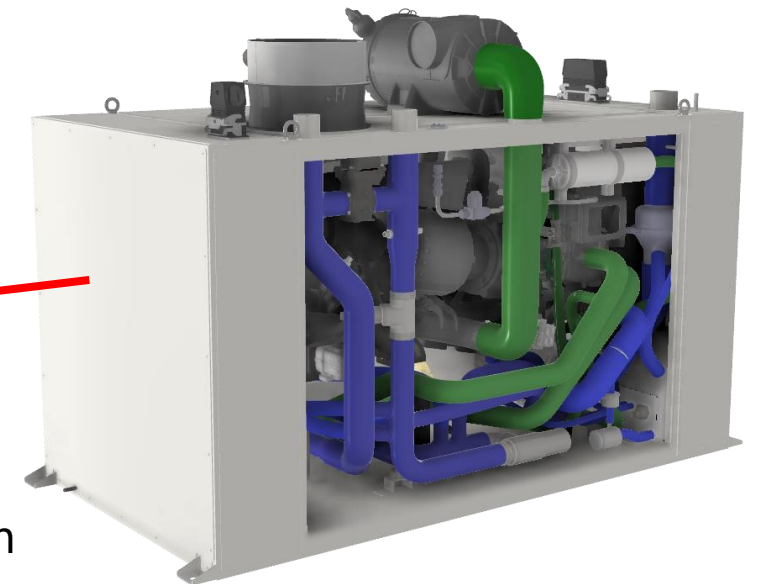
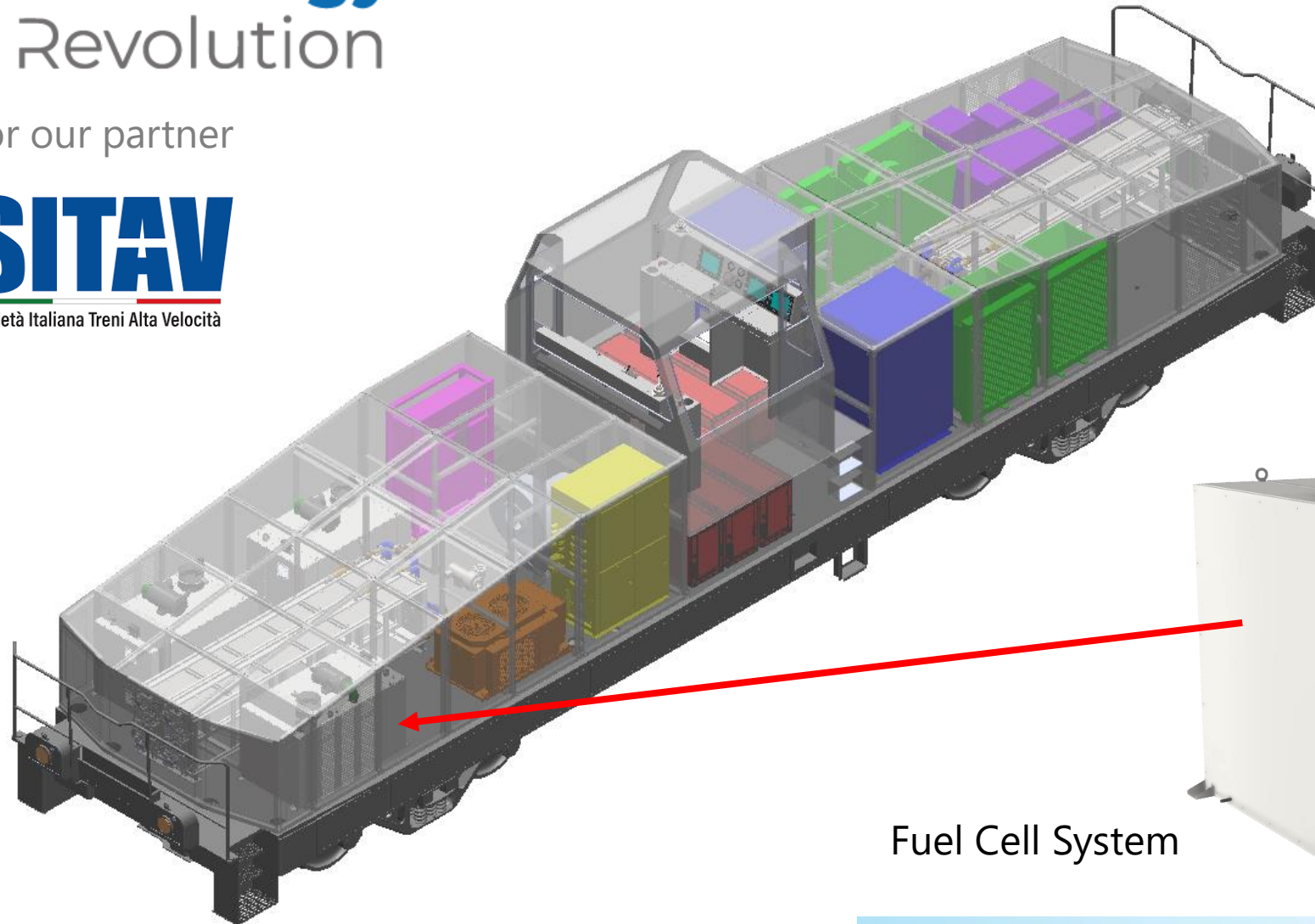
Fuel Cell Power system for the railway sector



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SITAV
Società Italiana Treni Alta Velocità



Fuel Cell System

Shunting locomotive equipped with H₂ technologies

03/10/2024 Webinar "Idrogeno verde e Competenze per le PMI: Le Opportunità di EEN e H2Excellence"

2021-2024: MOSE 7 kW PEM Electrolyzer prototyping, design and product development

👉 CE marking ongoing!



MOSE

⚡ MODULAR
SMART
ELECTROLYZER



Product preseries launch: April 2023

First product installation: November 2024

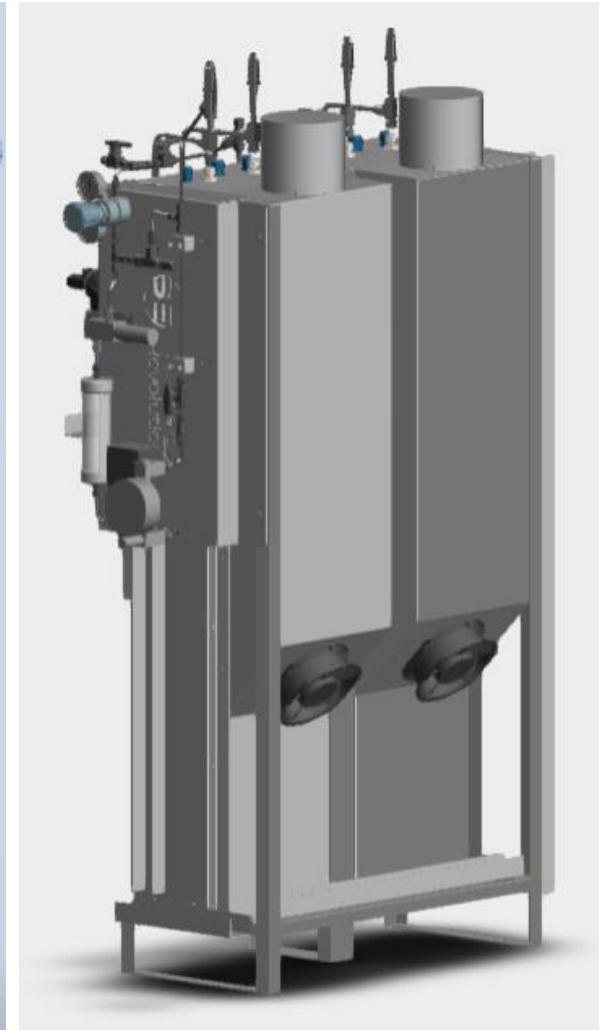
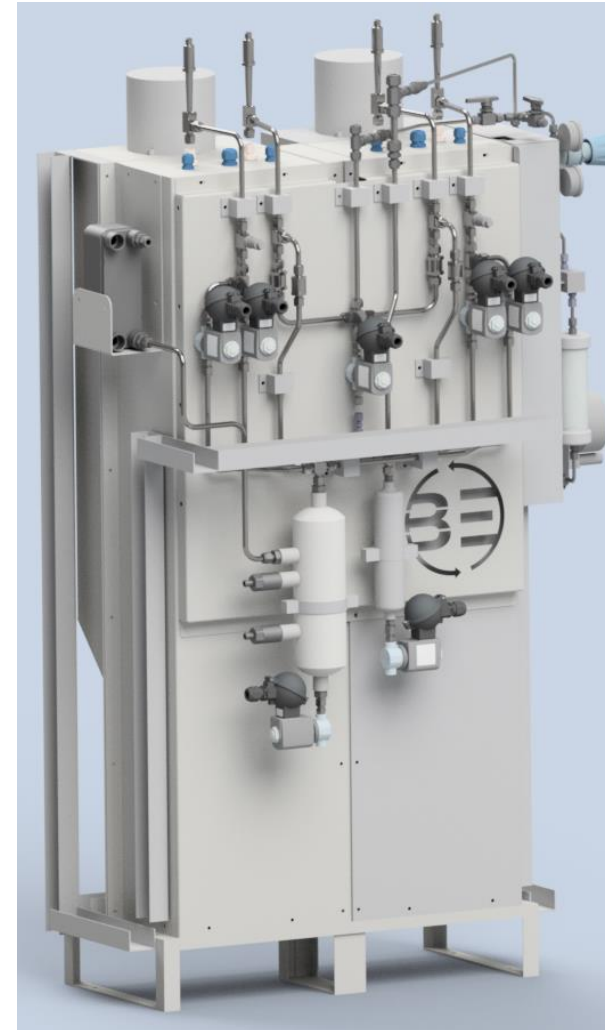
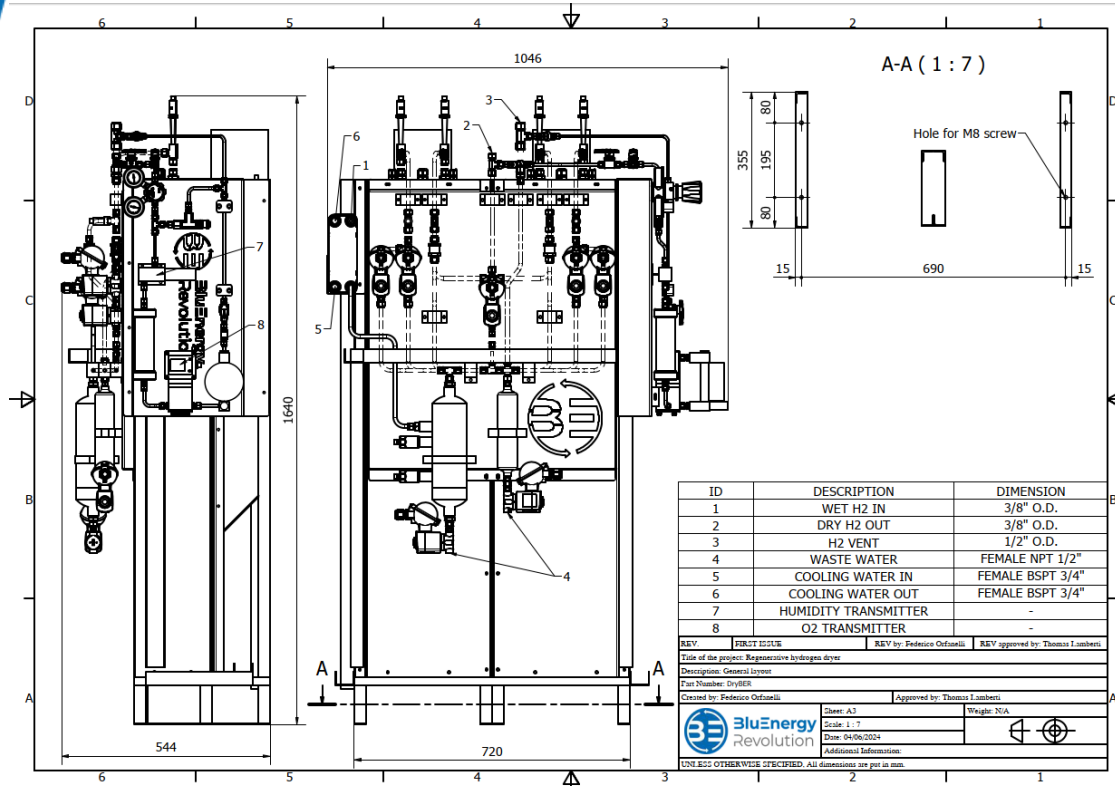
03/10/2024 Webinar "Idrogeno verde e Competenze per le PMI: Le Opportunità di EEN e H2Excellence"



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2023-2024: Regenerative Dryer Product

CE marking pending

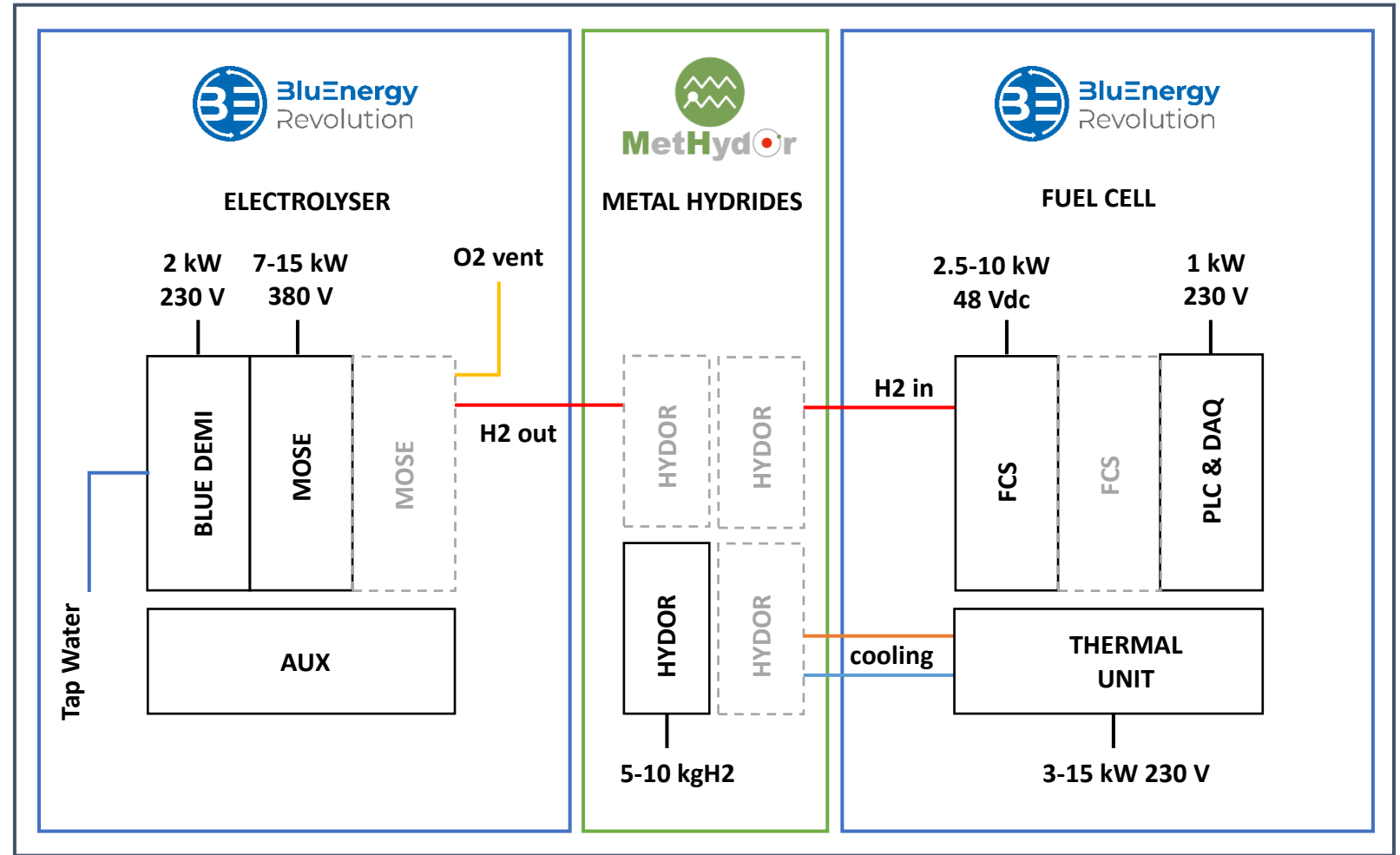


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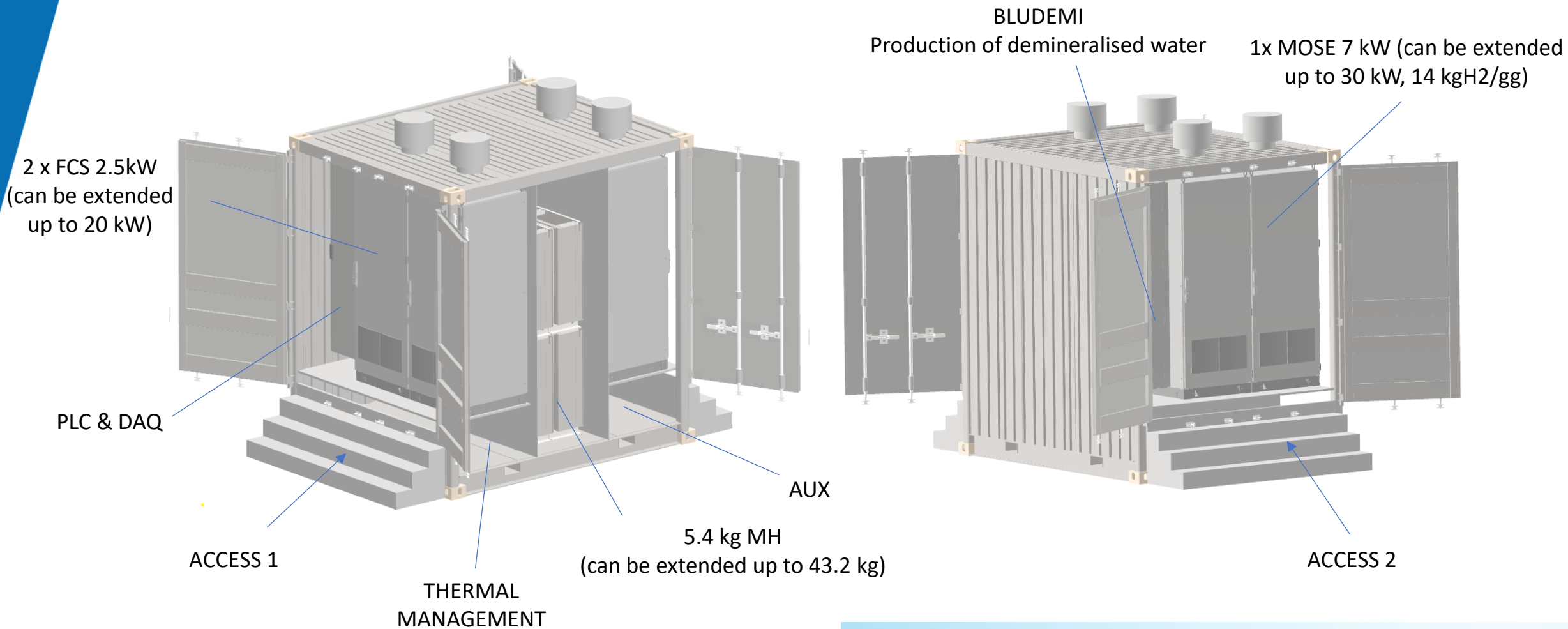
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BER ENERGY PACK



10 ft
Container

VERSION A
WITH EXTERNAL ACCESS TO TECHNICAL AREA





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- ***System integrators***
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Thank you for your attention!



We are fully committed to a H₂ mission since 2015