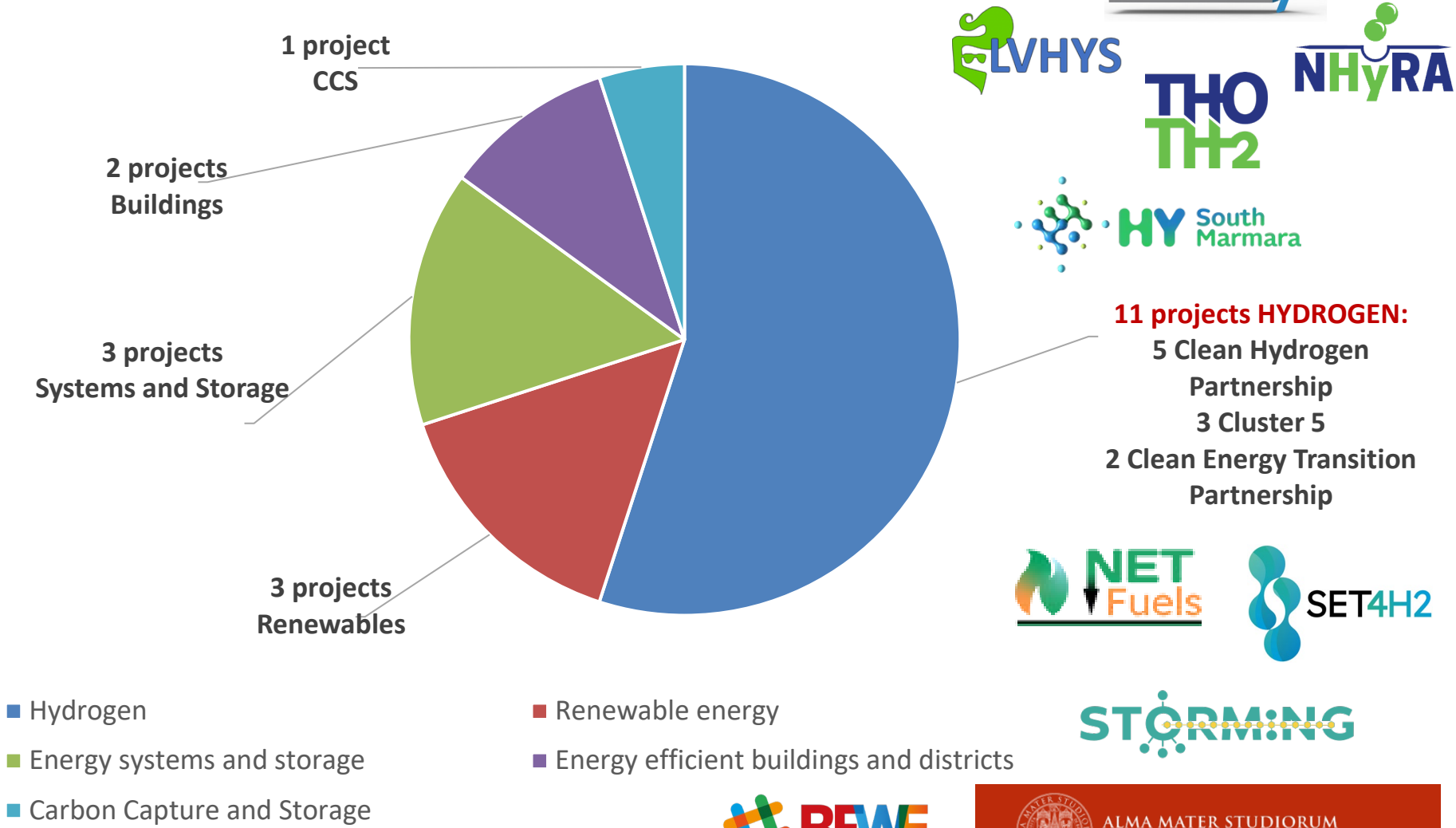


Bologna: un hub di ricerca per lo sviluppo dell'idrogeno

Horizon Europe Energy UNIBO Funded projects



- Hydrogen
- Renewable energy
- Energy systems and storage
- Energy efficient buildings and districts
- Carbon Capture and Storage

UniBo Cluster 5 Energy Horizon Europe Projects

Destination 3 Global leadership in renewable energy

logo to be defined

SPECTRUM partner RIA 2024-2027

Solar Polygeneration Collector for combined heat, power, hydrogen fuel and wastewater treatment

logo to be defined

MARES partner RIA 2024-2028

Marine Reciprocating Superconducting Generator (RSG)

Destination 4 Efficient, sustainable and inclusive energy use



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Destination 3 Global leadership in renewable energy



SET4H2 Affiliated Entity CSA

2024-2026

Support to the SET Plan IWG on hydrogen



STORE2HYDRO partner RIA

2023-2027

Novel long-term electricity storage technologies for flexible hydropower



COREU partner IA

2023-2027

CO2 routes across Europe

Destination 4 Efficient, sustainable and inclusive energy use



WEGENERATE partner IA

2023-2027

Co-creating people-centric sustainable neighbourhoods through urban regeneration



HERIT4AGES partner IA

2023-2027

User-centric and data-driven retrofitting solutions for a resilient, energy-efficient, low-emission and inclusive cultural heritage



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Destination 3 Global leadership in renewable energy



ICARUS partner RIA 2023-2026
International cooperation for sustainable aviation biofuels



NET-FUELS coordinator RIA 2022-2026
Increasing biomass conversion efficiency to carbon-negative sustainable biofuels by combination of thermal and bio-electrochemical processes



NEWGEN partner RIA 2022-2026
New generation of HVDC insulation materials, cables and systems



SCARLET partner IA 2022-2027
Superconducting cables for sustainable energy transition

Destination 2 Emerging breakthrough technologies and climate solutions



STORMING coordinator RIA 2022-2025
STructured unconventional reactors for CO₂-free Methane catalytic cracking



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UniBo Clean Hydrogen Partnership



HYSouthMarmara partner IA

2023-2028

South Marmara Hydrogen Shore



NICOLHy partner

2023-2026

Novel Insulation Concepts For LH2 Storage Tanks



NHyRA partner

2023-2026

Pre-Normative Research on Hydrogen Releases Assessment



ELVHYS partner RIA

2023-2026

Enhancing safety of liquid and vaporised hydrogen transfer technologies in public areas for mobile applications



THOTH2 partner RIA

2023-2025

Novel methods of testing for measurement of natural gas and hydrogen mixtures



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UniBo Clean Energy Transition Partnership

<i>logo to be defined</i>	ICARUS coordinator 2023-2026 Integration of photovoltaic and photoelectrochemical Conversion pAthways for panchromatic Utilisation of Sunlight
<i>logo to be defined</i>	GeniusFuel coordinator 2023-2026 Gasification and Electrolysis Novel Integration Used for Sustainable Fuels

