



### **ENGIE Italy: Key Figures**

3.800

**Employees** 

1

ML of Clients

60

Offices

District Heating networks (about 900 GWn/y of dispatched energy) 1,7

GW Total Power Plant Installed capacity **500** 

MW Renewables
En. Installed
capacity (PV and
Wind – 20
Plants)



2.200

Schools

300

Local Districts

550<sub>k</sub>

Public Spot Lights

80

Hospitals

**10**<sub>K</sub>

Buildings Energy Saving Projects

2.600

Private Buildings 30

Univ.Campus, Museums and Theatres

2

**Smart Cities** 

200<sub>K</sub>

Home service clients

138

### **ENGIE's purpose**

"To act to accelerate the transition towards a carbon-neutral economy, through reduced energy consumption and more environmentallyfriendly solutions."



# Our mission in Renewable Hydrogen

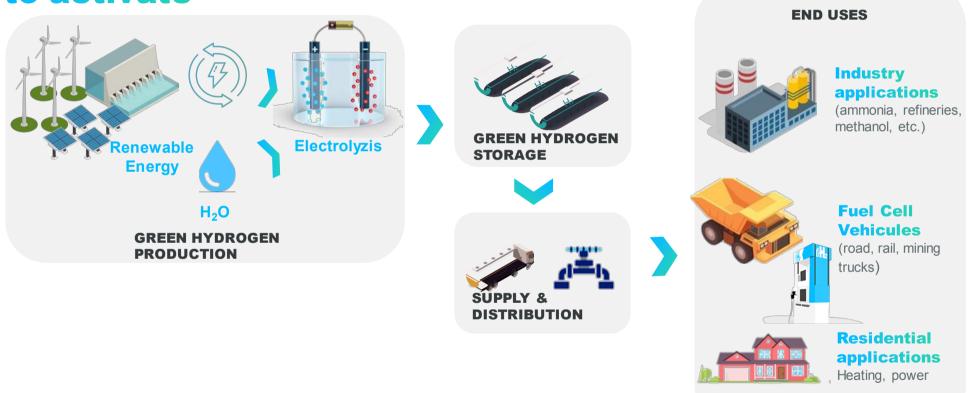
To be a leader in renewable ("Green") hydrogen, a front runner in the development of a large-scale hydrogen economy that will enable the energy transition for customers in diverse industries and regions across the world.

#### **Our vision**

ENGIE is a front-runner in the development of an industrial-scale hydrogen economy worldwide



### A Complex, investment-intensive value chain to activate



ENGIE leads the way along the entire hydrogen value chain, from production to fit-for-purpose carbon-neutral solutions

## We act as developer, integrator & operator on the entire value chain

**Subsidies** 

0

Investor **Financing** 

0

**ENGIE** 

**Developer Integrator &** operator

**Offtakers** 

Design **Integrated** solutions

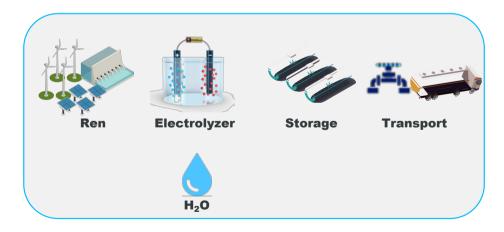
**Permitting** 

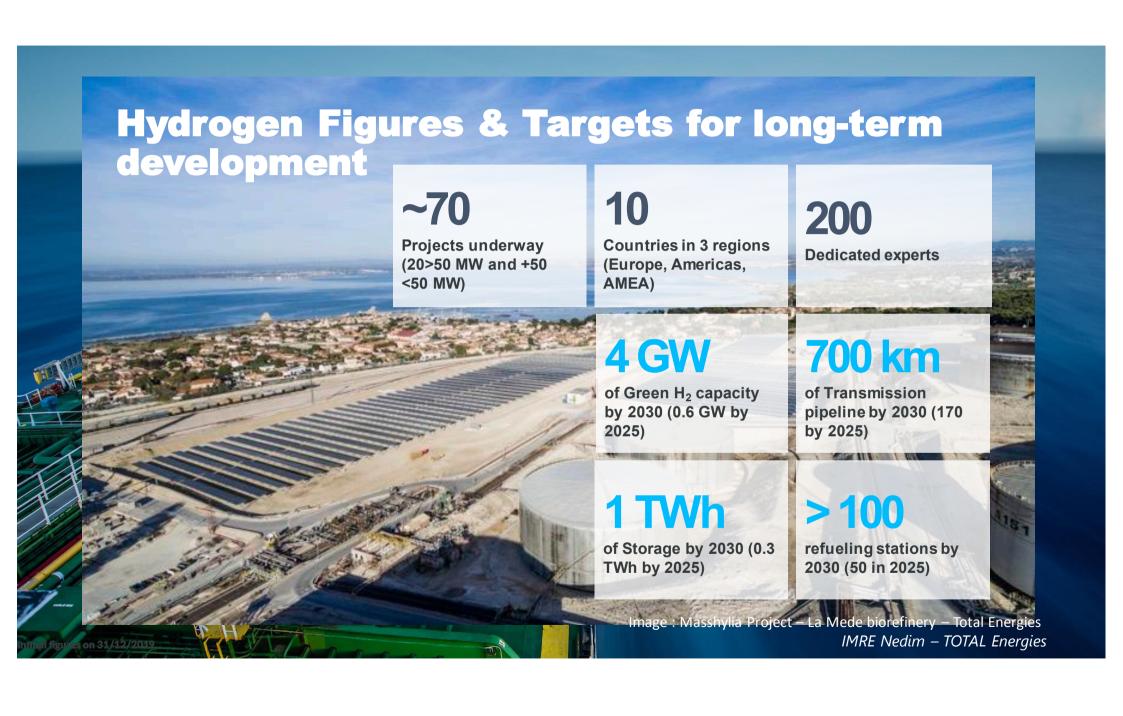
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**SYNCHRONIZE** 

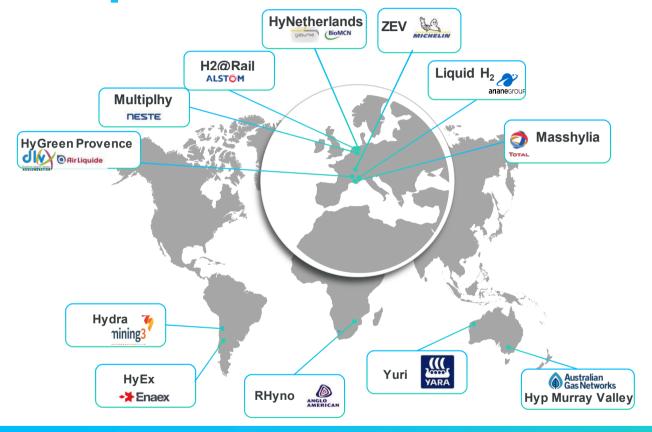








#### **We operate Worldwide**



<b>Projects</b>	Sectors
HyGreen Provence	Mobility and industry
Multiplhy	Bio refinery
H2@Rail	Trains
HyNetherlands	Chemical feedstock, industrial fuel and transport
ZEV	Mobility
Masshylia	Bio refinery
Liquid H2	Maritime and more
Hyp Murray Valley	Network injection
Yuri	Green ammonia
Rhyno	Mining
НуЕх	Ammonia nitrate
Hydra	Mining

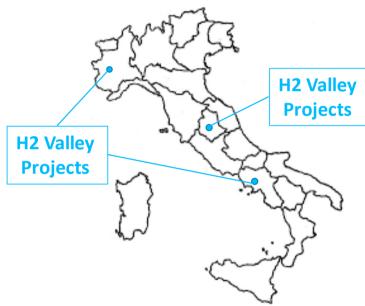
## Hydrogen Valleys PNRR Projects







M2C2-I3.1 → Stanziati 500 mln €, di cui almeno il 50% destinati alle Regioni del Mezzogiorno (Abruzzo, Basilicata, Calabria, Campania, Molise, Puglia, Sardegna e Sicilia) «Elettrolizzatori installati in aree industriali dismesse».



Missione 2: Rivoluzione verde e transizione ecologica

Componente 2: Energia rinnovabile, idrogeno, rete e mobilità sostemble

**Investimento 3.1**: Produzione in <u>aree industriali dismesse (Hydrogen Valleys)</u>

# Hydrogen Valleys PNRR Projects





#### STUDI DI PRE-FATTIBILITA' IN CORSO









#### Il Lay-out di impianto



Superficie disponibile: c.ca 20.00 mq



 Impianto solare a pannelli fotovoltaici – 13.000 m² circa – Produz.: c.ca 1,35 MW



 Area per installazione impianto produzione e stoccaggio di H<sub>2</sub> (Electrolysers&Storage)

