



# REGATRACE

Renewable Gas Trade Centre in Europe

## State of renewable gases in Italy

Lorenzo maggioni  
CIB  
Milan,  
5<sup>th</sup> December 2019



# CIB –Consorzio Italiano Biogas

728 FARMERS



CIB WAS FOUNDED IN 2006 AS A VOLUNTARY ASSOCIATION

TODAY WE COUNT MORE THAN 920 MEMBERS

71 BIOGAS PLANT MAKER



119 INDUSTRIAL AND SERVICE COMPANIES



7 RESEARCH CENTRES AND INSTITUTIONS



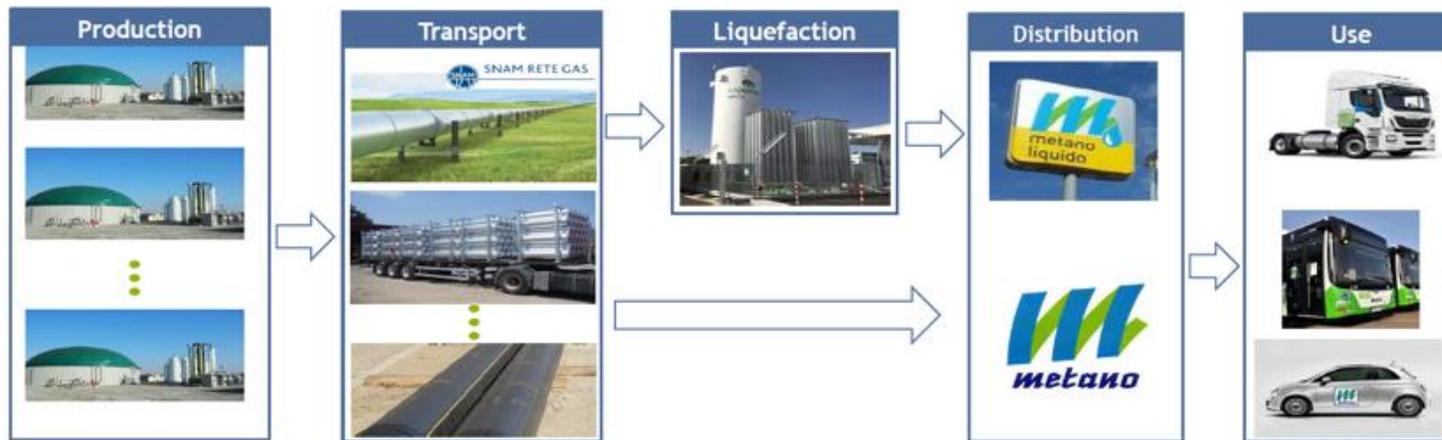
# CURRENT SITUATION

## Biomethane incentive scheme



Maximum biomethane production with subsidies:  
1,1 billion m<sup>3</sup>/year

100% in the transport sector



Thanks to Michele Panella, GSE



# CURRENT SITUATION

## CNG and LNG in Italy

- > 1 Bm<sup>3</sup> natural gas / year used in the transport sector
- 1.350 CNG filling station
- 50 LNG filling station (> in the North of Italy)
- 15 new LNG or LCNG station in the process of authorization
- > 2.000 LNG trucks
- > 1.000.000 NGV



L-CNG



LNG filling station  
Gera Lario



Fleet of 40 LNG trucks



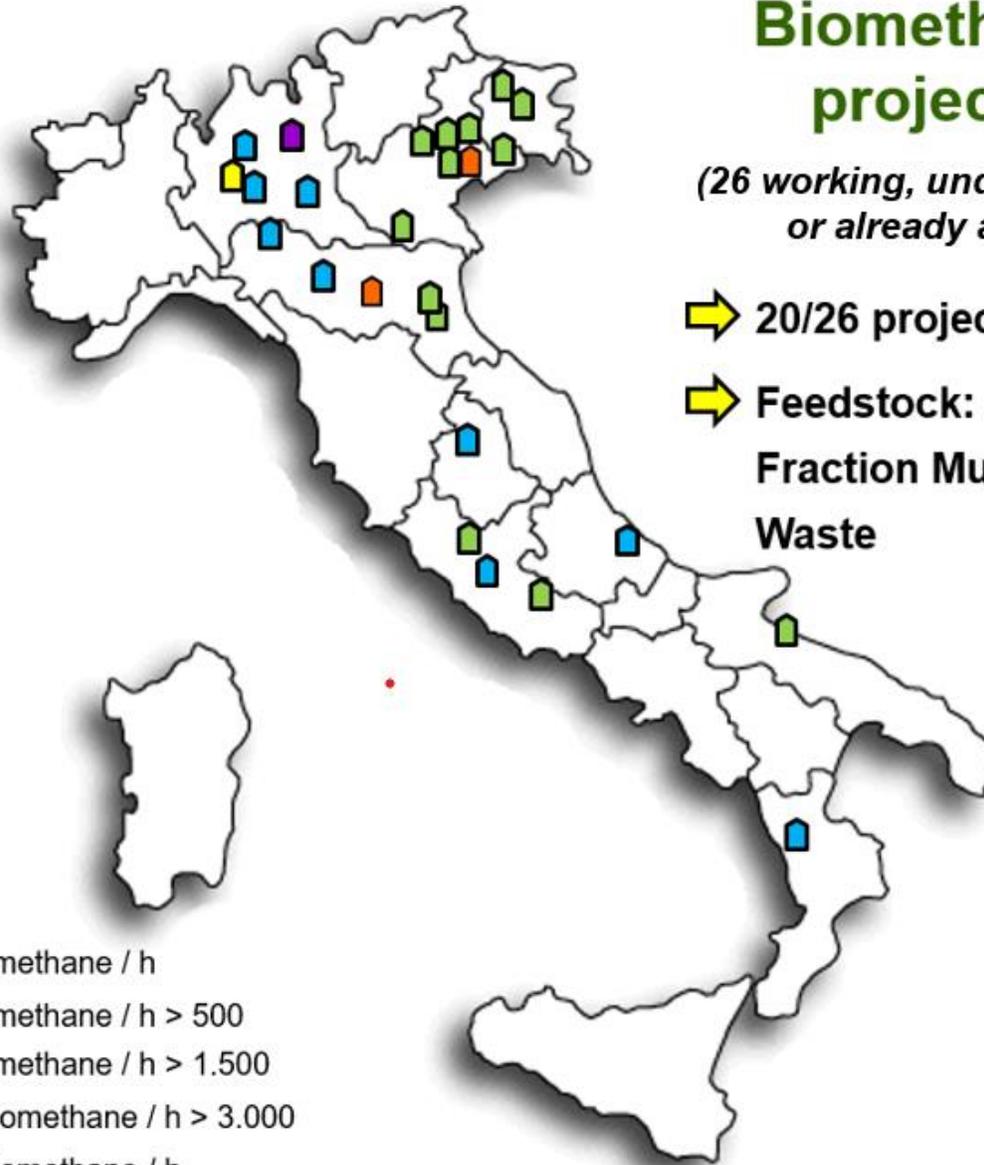
LNG filling station –  
Piacenza  
**(70 trucks/d 10 t/d)**

## Biomethane projects

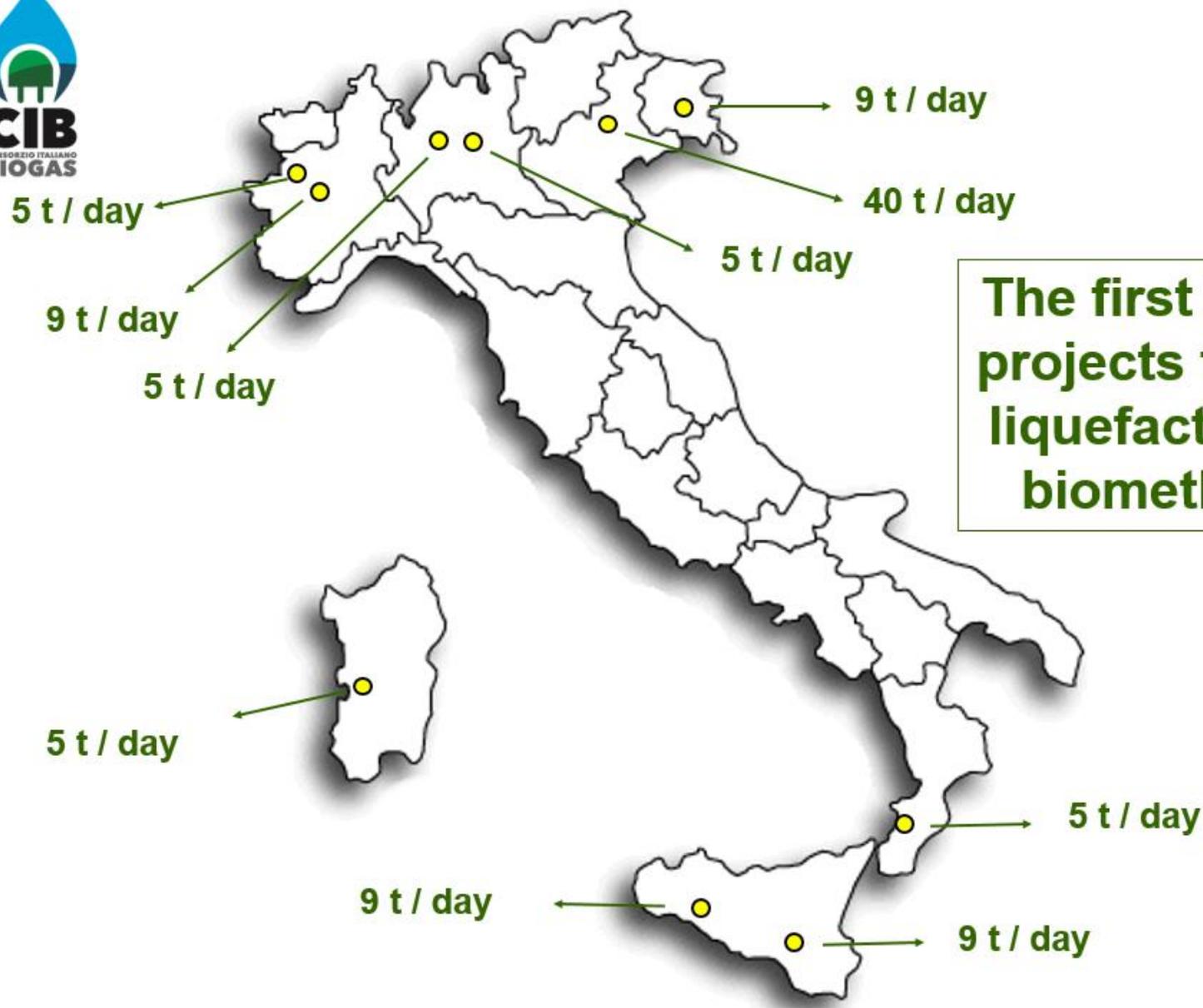
*(26 working, under construction or already authorized)*

➔ 20/26 projects: membrane

➔ Feedstock: actually > Organic Fraction Municipal Solid Waste

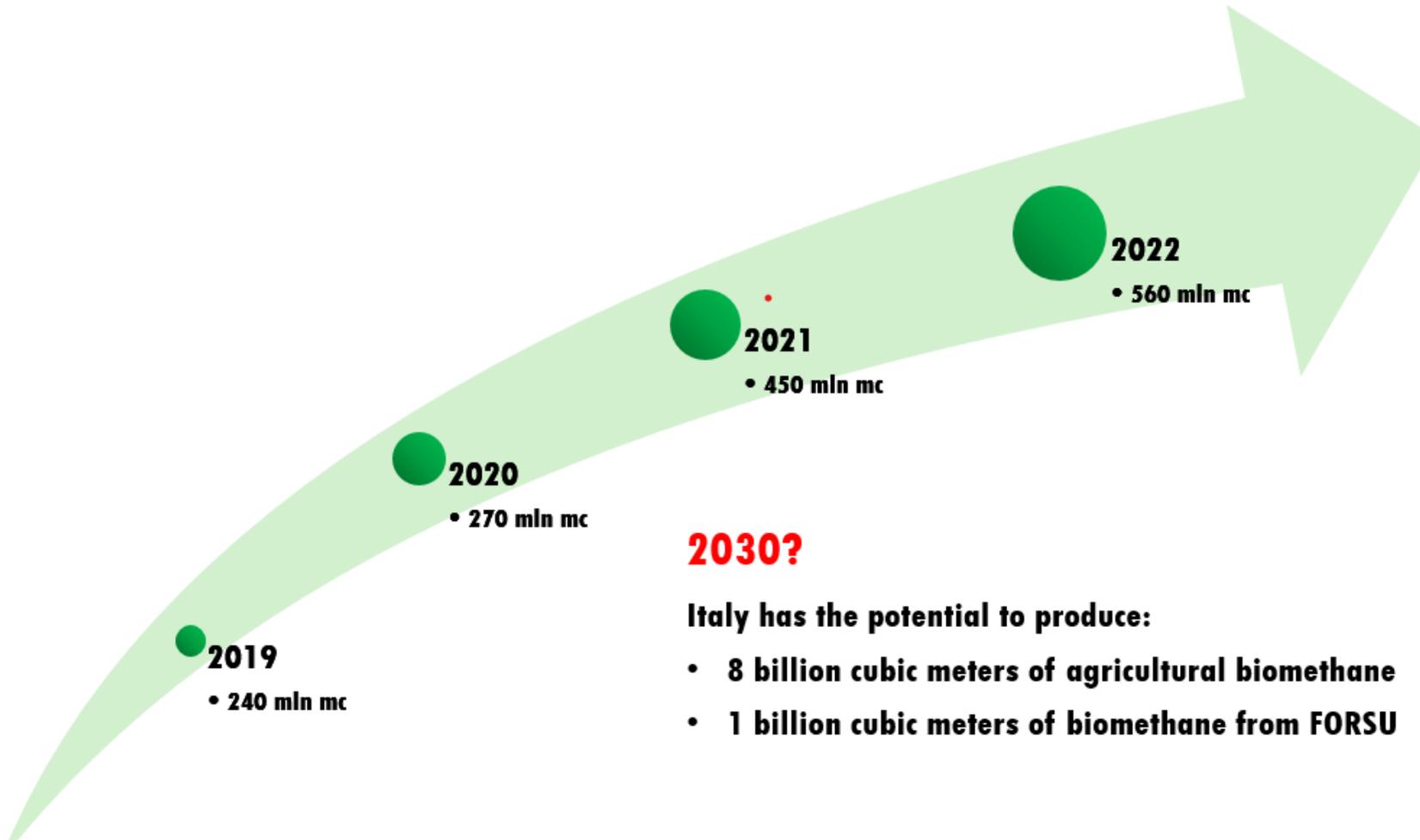


-  < 150 m<sup>3</sup> biomethane / h
-  151 < m<sup>3</sup> biomethane / h > 500
-  501 < m<sup>3</sup> biomethane / h > 1.500
-  1.501 < m<sup>3</sup> biomethane / h > 3.000
-  > 3.001 m<sup>3</sup> biomethane / h



**The first Italian projects for the liquefaction of biomethane**

# The advanced biomethane market at 2022



## 2030?

Italy has the potential to produce:

- 8 billion cubic meters of agricultural biomethane
- 1 billion cubic meters of biomethane from FORSU