# Eni strategy for the development of biomethane WBA Webinair

13 ottobre 2021

### **Initiative Introduction & Background**

**RED II** 

SEN Delibera biometano

**DUTIES** 

Compliance with European and national legislation on the percentages of biofuel emissions



**Chances** Eni distribution network for biofuels



Recovery of degraded areas

Presence in the biofuel market



Supply security

**Chances** 

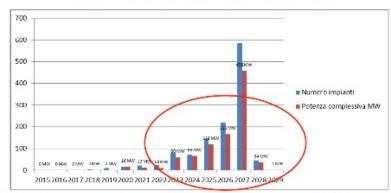
Avoid biogas induced phasing out

Availability of programmable bio energy



Le scadenze delle tariffe incentivate (TO)

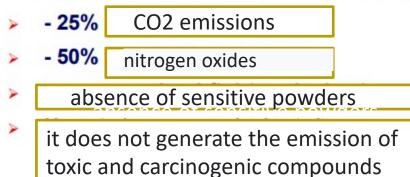
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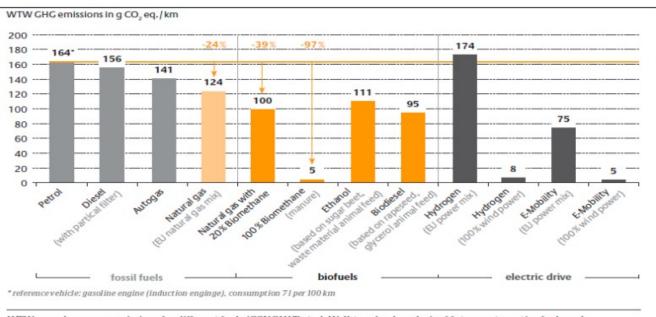


A partire dal 2023, in assenza di altri interventi, potrebbero venir meno fino a 1000 MW di innovabile da biogast

### **Environmental aspects**

#### Riduce notevolmente l'impatto ambientale:



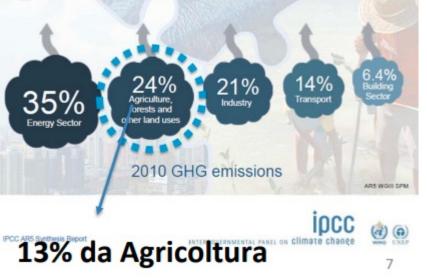


WTW greenhouse gas emissions for different fuels (CONCAWE et al. Well-to-wheel analysis of future automotive fuels and powertrains in the European context. 2007)

#### **HUMAN INFLUENCE: Sources of Emissions**

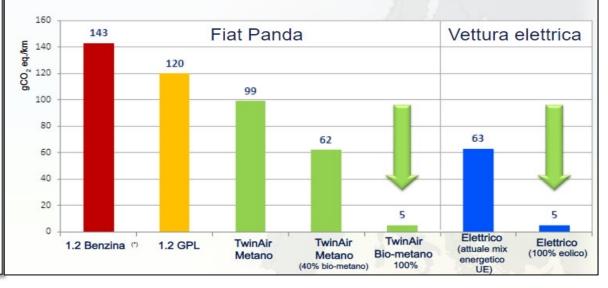
Energy production remains the primary driver of GHG emissions



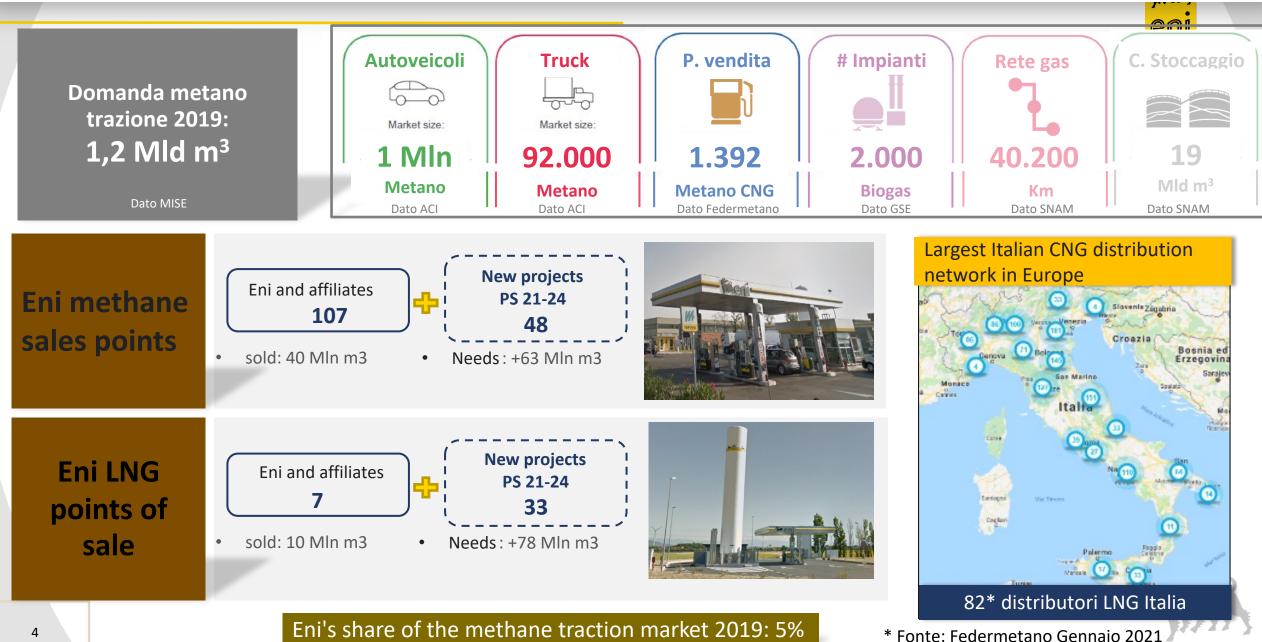


Alimentazioni alternative -

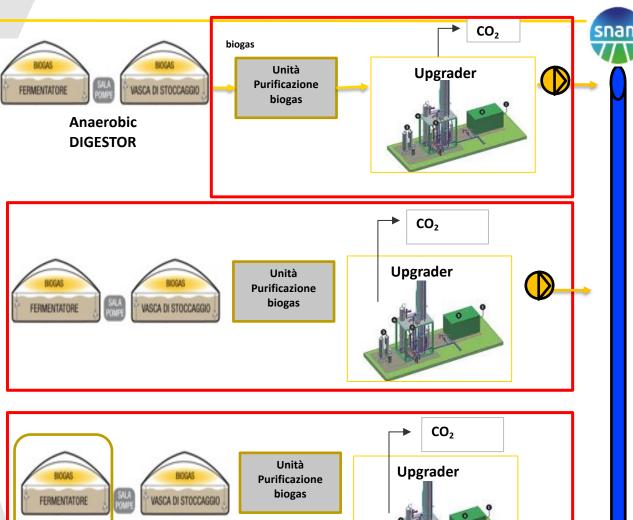




### **ITALIAN METHANE MARKET**



## Type of project

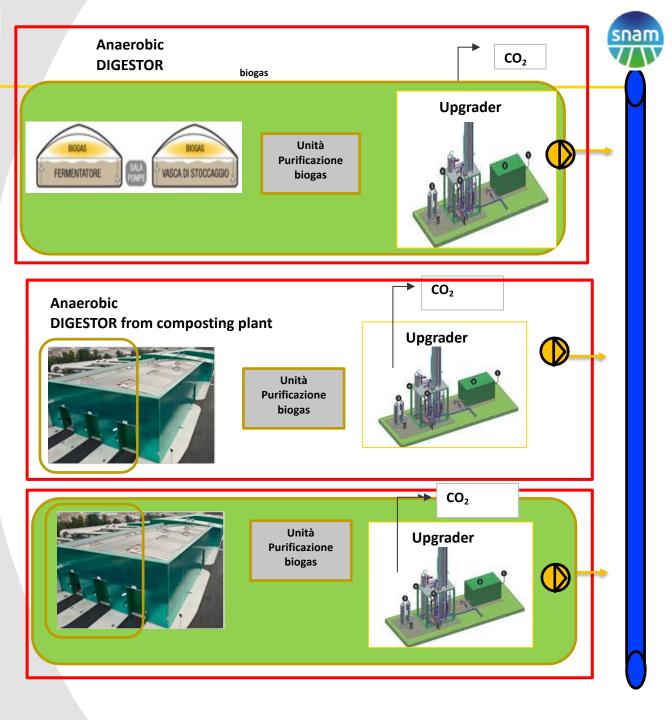


eni

Eni buys the raw biogas from the producer and builds the upgrading plant on the producer's area, transports the advanced biomethane produced by pipe and feeds it into the distribution network at the point of sale

Eni buys the 100% operating plant that produces biogas for electricity and builds the upgrading plant, transports the advanced biomethane produced by pipe and feeds it into the distribution network at the point of sale

Eni buys the X% plant in operation that produces biogas for electricity and builds the upgrading plant, transports the advanced biomethane produced by pipe and feeds it into the distribution network at the Point of Sale





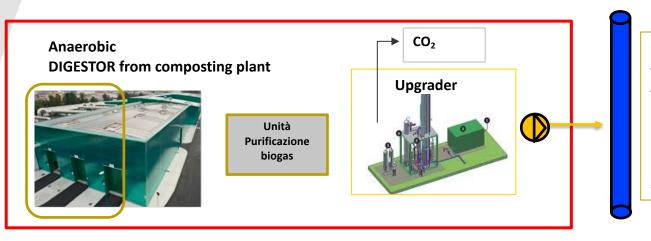
Eni buys the project for the construction of a biogas plant and builds both the anaerobic digestion plant and the upgrading plant, transports the advanced biomethane produced by pipeline and feeds it into the distribution network at the point of sale

Eni buys the FORSU treatment plant at X% in operation that produces biogas for electricity and builds the upgrading plant, transports the advanced biomethane produced by pipe and feeds it into the distribution network at the Point of Sale :

Eni buys the area and the authorization for the FORSU X% treatment plant and builds the FORSU treatment and upgrading plant, transports the advanced biomethane produced by pipe and feeds it into the distribution network at the Point of Sale







Eni sets up an ATI and participates in the tender for the award of the authorization and the land to then build a biogas production and upgrading plant that transports the advanced biomethane produced by pipeline and feeds it into the distribution network at the Point of Sale

