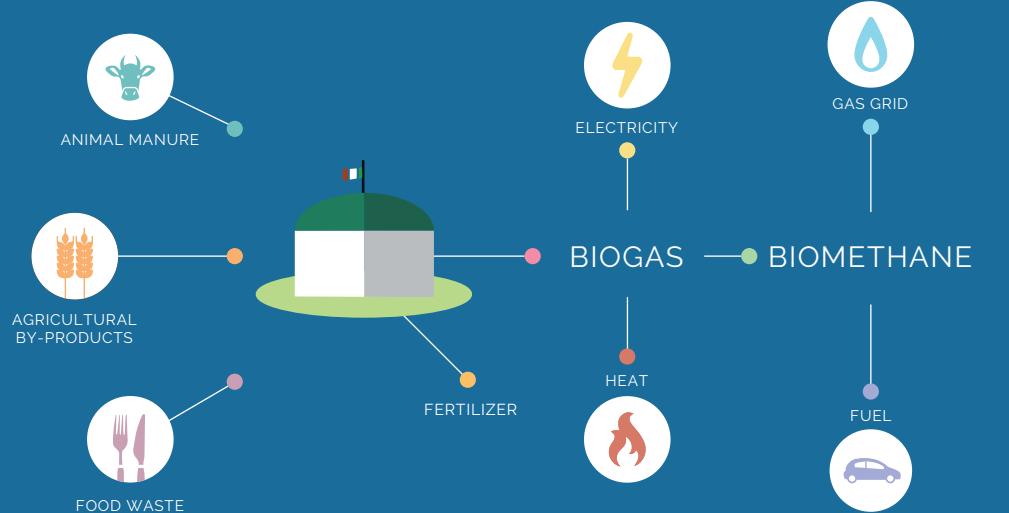


EXPECTED IMPACTS

The project will contribute in:

- Increasing the share of biogas in the final energy consumption
- Developing a better policy at national and regional level and tailored financing schemes to fund plants
- Divulgating information and news about the biogas/biomethane production and use
- Involving farmers and other economic subjects in considering biogas as a new source of revenue and increasing their engagement in energy transition



PARTNERSHIP

AzzeroCO₂

Legambiente

Consiglio Nazionale delle Ricerche (CNR)
Institute of Atmospheric Pollution Research
Research Institute on Sustainable Economic Growth

Associazione Chimica Verde Bionet

Consorzio Italiano Biogas e Gassificazione (CIB)

This project has received funding from the
European Union's Horizon 2020
research and innovation programme under
grant agreement No 691875

www.isaac-project.it | info@isaac-project.it

AzzeroCO₂

LEGAMBIENTE

Consiglio Nazionale
delle Ricerche

CHIMICA
VERDE
BIONET

CIB
CONSORZIO
ITALIANO
BIOGAS



INCREASING SOCIAL AWARENESS AND
ACCEPTANCE OF BIOGAS AND BIOMETHANE

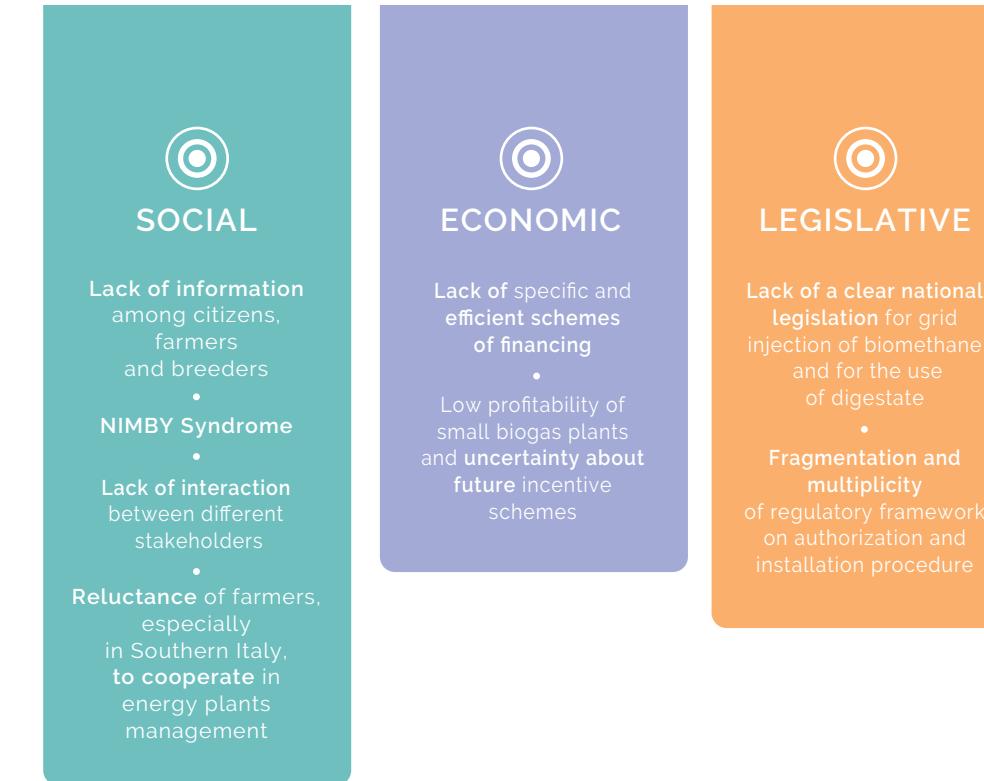
THE ISAAC PROJECT

Although Italy is the second European biogas producer after Germany, it still has a great potential for biogas production and market expansion, especially in central and southern regions.

According to elaborations of CIB - Consorzio Italiano Biogas e Gassificazione (based on the 2015 annual report of GSE - Gestore dei Servizi Energetici), more than 1550 plants with a total capacity of around 1160 MWel have been installed, but the non-technical barriers, that impede a more widespread diffusion, are still critical.

ISAAC is a project financed by Horizon 2020 Programme, under the call for Competitive Low-Carbon Energy (from 01/2016 to 06/2018), addressing the challenge of fostering the development of the biogas sector in Italy and Europe.

The main aim of ISAAC is to remove non-technical barriers to support biogas/biomethane market penetration in Italy and make plants implementation easier within the national context.



Participatory processes in two pilot territories (interested in implementing biogas plants)

Information campaigns in seven Italian regions

Public meetings with experts for open confrontations

Use of a calculation tool for residual biomass availability assessment and biogas/biomethane production potential definition

Use of innovative funding schemes (such as crowdfunding) to create new opportunities

Socio-economic study on the implementation, impacts and acceptability of biogas/biomethane in local areas

National law proposal on participation processes related to local energy policies

Technical round tables for the correct interpretation of the national legislation on themes such as by-products/co-products/waste

Improvement of the actual Italian regulation on biomethane use

Training courses of municipal and regional technicians

THE NON-TECHNICAL BARRIERS

THE ISAAC APPROACH TO OVERCOME THEM