BioMethane (bioCH_4) as a Renewable Industrial Fuel

- A Virtual Pipeline Distribution to Industrial Consumers -

InoMob

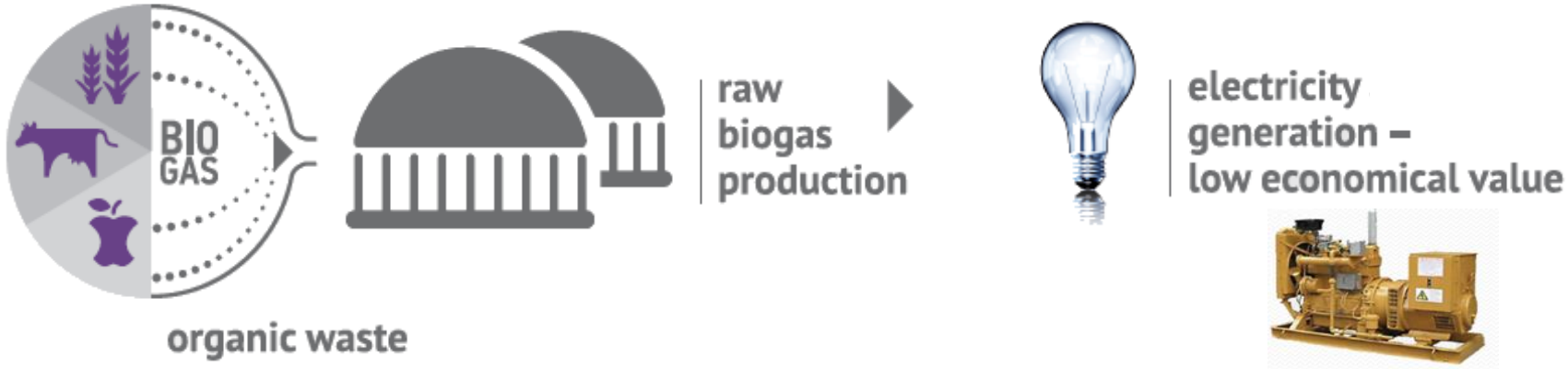
- A Technology Partner on BioCH_4 Production, Distribution, Utilization -

www.inomob.eu

Presenter:

Dr. Sotiris Petrakides – Founder, Managing Director

Biogas: A mature Waste-to-Energy Pathway



Converting Biogas to Electricity is Financially Non-Competitive Against other Renewable Energy Sources in a Liberalized Electricity Market.

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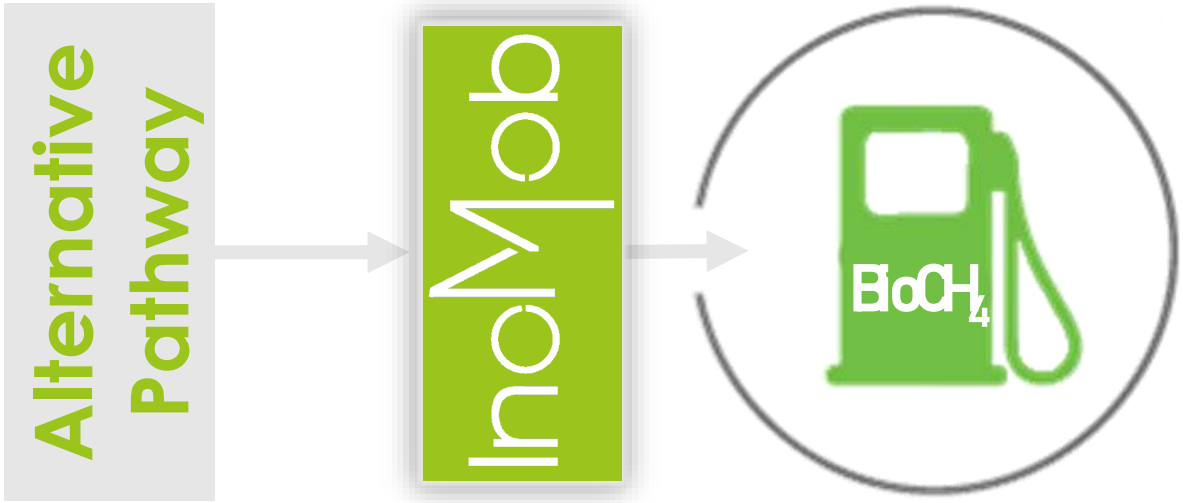
BioCH$_4$ as an Added Value Alternative Pathway



Renewable Fuel

Zero Lifecycle Carbon Footprint

Contributes towards compliance with current, and upcoming EU Regulations

Upgrade Biogas to BioCH$_4$

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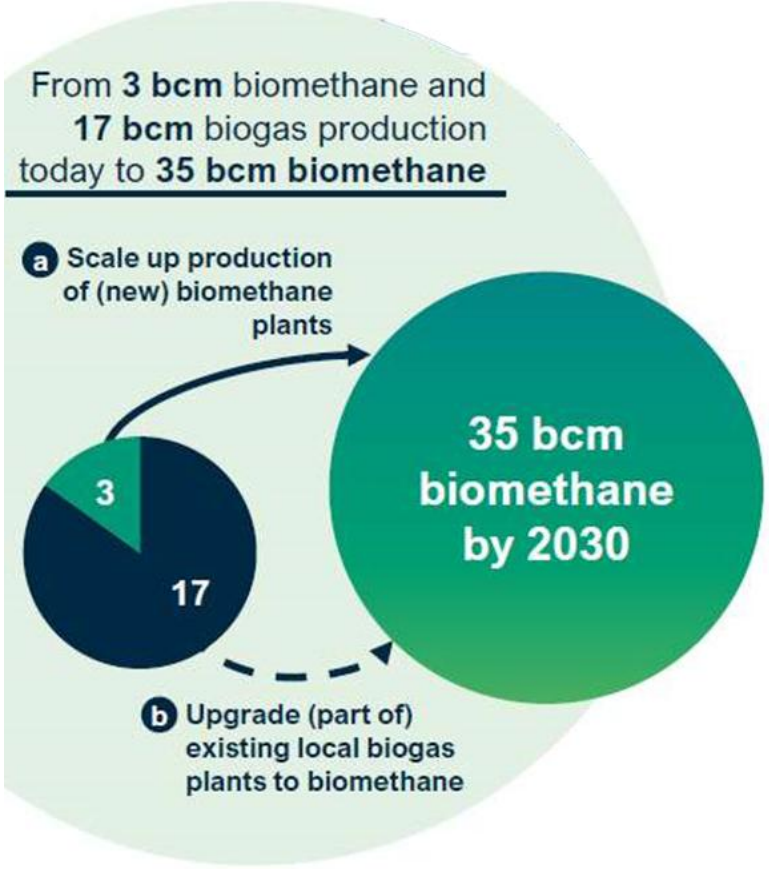
Biogas to BioCH_4 Upgrading: Fundamental Pillar of the REPowerEU Action Plan

Commissione europea

REPowerEU



1 bcm BioMethane ≈ 1 billion Liters of Diesel Equivalent Energy

*Reference: Common Futures

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The Cyprus Case: The Major bioCH_4 Market Barrier

Non-Existing Gas Distribution Grid

Distributing BioCH_4 to the local market Remains a Major Challenge.

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InoMob: Applied Novelty towards BioMethane Market Uptake

BioMethane as a Decarbonized Industrial Fuel

-An OffGrid Supply to Local Industrial End-Users-

bioCNG ADR/TPED Certified BioMethane Mobile Storage Units - 250 bar

Pressure Reduction Unit & Pipeline to Burner – 350 mbar

Diesel/bioCH_4 Burner – Retain Diesel as Backup Fuel

Zero Lifecycle CO_2 Emissions – Renewable Fuel
Minimizing Harmful Local Air Pollutants in Comparison to Diesel

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Towards BioMethane Market Uptake

- Renewable Gases Made Simple -

Having the Legal Right under the Laws of the Republic of Cyprus to Produce/Distribute/Trade BioMethane via Virtual Grids to End-Users

Accredited by the Deputy Ministry of Research, Innovation & Digital Policy of Cyprus as a Novel CleanTech Venture on BioMethane Production/Distribution/Utilization

- Award Winning Technology / High-Calibre Technical Team -

‘Let’s Joint Efforts for a better Tomorrow‘

THANK **YOU**