



LIFE STEAM

Biogas from green waste

Project focused on:

- Demonstrating the steam explosion technical **feasibility** for green waste valorization
- Demonstrating a 90% **increase in biogas** production from green waste when compared to untreated green waste
- Validating the **sustainability** of the plant life cycle through a complete LCA
- Validating the **cost-effectiveness** of the plant

www.lifesteam.eu

Project duration:
09/2019 – 06/2023

Total budget:
€ 2.6 million

Pilot site:
Italy (Bologna)



Results:



Green waste



Mechanical pre treatment



Steam explosion



Transport to anaerobic digestion



Associated Beneficiary



Coordinating Beneficiary



Associated Beneficiary

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