



# ManuREfinery

## Powering Farms with Solid Manure

Turning dairy residues into renewable energy

### KEY FEATURES:

- ✓ Converts solid digestate from dairy manure into useful energy carriers
- ✓ Applies thermochemical conversion technologies to recover energy from residues
- ✓ Reduces the volume of solid manure requiring disposal
- ✓ Produces syngas and other bio-based energy products
- ✓ Supports energy recovery solutions for dairy farms
- ✓ Demonstrates innovative pathways for solid manure valorisation



DEMO 4

## Slovenia

Dairy Farm | Solid Manure Valorisation



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DEMO 4

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Dairy Farm | Solid  
Manure  
Valorisation

### ABOUT

This demonstration site explores innovative solutions for the valorisation of solid manure residues generated in dairy farming systems. By applying thermochemical conversion technologies, solid digestate can be transformed into energy carriers such as syngas, providing new opportunities for energy recovery from agricultural residues. The demo showcases how solid manure streams can be integrated into circular bioeconomy approaches while reducing waste and supporting renewable energy production at farm level.



 [ManuREfinery.eu](https://ManuREfinery.eu)

