

Research Centre

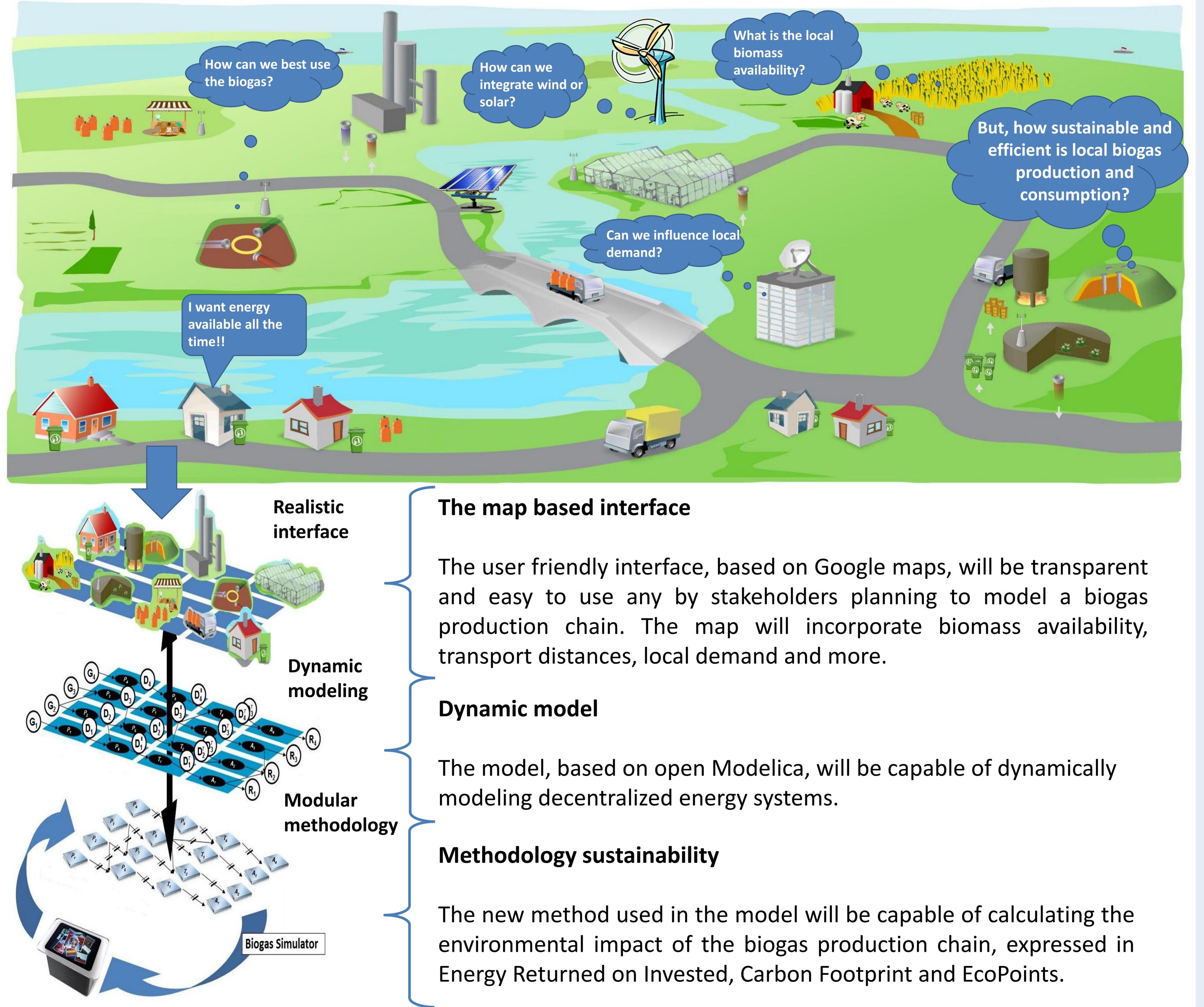
HanzeResearch University of Applied Sciences

Energy

Modeling decentralized energy systems

Energy

A tool for analyzing, researching and modeling energy efficiency, sustainability and flexibility of biogas chains operating as load balancer within decentralized (smart) energy systems.

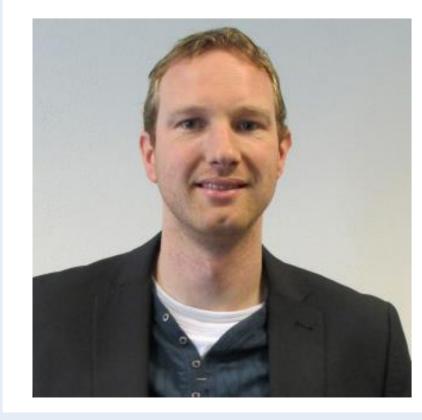


Biography

Results

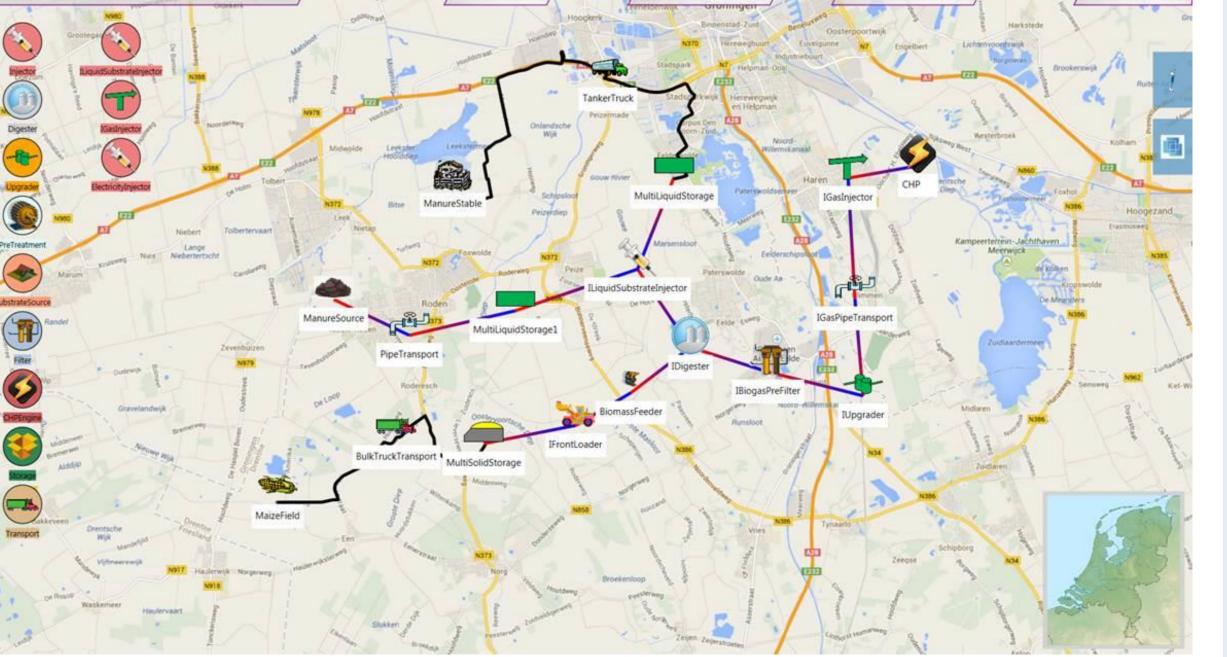
PhD. Researcher:

Frank Pierie MSc. B Eng



Currently, Frank is a PhD researcher at the Hanze University of Groningen. He graduated from the Hanze University with a B Eng. and holds a MSc. in energy and environmental sciences from the University of Groningen. He previously worked at Philips as a process engineer focused on sustainability.

- Map based model with transparent \bullet game like interface
- Realistic biogas production chain design including local feedstock availability, energy demand and actual transport distances
- Results indicated in costs \bullet and environmental impacts





Ministerie van Economische Zaken, Landbouw en Innovatie

