

SUSTAINABLE BIOGAS

Project Presentation

Anna Saarentaus, John Nurminen Foundation

4th Phosphorus in Europe Research Meeting (PERM)
June 2, 2021



EUROPEAN UNION
European Regional Development Fund

”SUSTAINABLE BIOGAS” IN A NUTSHELL



Project Sustainable Biogas

- Promotes the sustainability of biogas from the water protection point of view
- Is financed by the **EU Interreg Central Baltic Programme**
- Runs from 2020 to 2022
- <https://sustainablebiogas.eu/>

Focus on biogas production and nutrient management

- Biogas is a climate-friendly energy form which also enables nutrient recycling. However, it can pose a risk of nutrient leaching to water bodies if the management of digestates and wastewater from biogas plants is not carefully planned.

”SUSTAINABLE BIOGAS” WILL RESULT IN...

1

improved regulatory and operational approaches

- guidelines for sustainable biogas production (covering e.g. planning, permitting, monitoring)
- a policy brief on nutrient management in biogas production

2

tools for more holistic management of nutrient balances

- nutrient maps and regional nutrient management plans for three focus areas (Zemgale in Latvia, Southwest Finland and Åland Islands)

3

support for creating markets for recycled nutrients

- digestate quality assurance schemes
- information on the correct and optimal use of recycled nutrients
- development plans for overcoming current regulatory obstacles

More information:
Anna Saarentaus
firstname.lastname@jnfoundation.fi

<https://sustainablebiogas.eu>

