

**RI
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Northern Periphery and
Arctic Programme
2014-2020



EUROPEAN UNION
Investing in your future
European Regional Development Fund



TRAFIKVERKET

**international resources
and recycling institute**

GREENFLY

RISE Research Institutes of Sweden

Division Built Environment
Energy and Circular economy



Vision for the project

- **Greenfly is an EU/Northern Periphery and Arctic Programme (NPA) funded feasibility study** about Sustainable Aviation Fuel with the **aim of designing a main project co-funded by the NPA** involving key stakeholders in the business. The main project, if approved, will kick off mid 2019. The purpose of the main project is to fit hand in glove with on-going or planned initiatives for accelerating uptake of SAF in the aviation sector.
- The project's vision is to help to **generate vibrant, competitive and sustainable communities**, by harnessing **innovation**, expanding the capacity for entrepreneurship and seizing the **unique growth initiatives and opportunities** of the Northern and Arctic regions in a resource efficient way.
- Our vision is that many **SME opportunities will be spawned as SAF production is developed**. SMEs will need to **find ways to work with larger enterprises** that specialize in forestry or marine resources.
- The connection with aviation and the potential benefits for regional airports is an additional benefit, especially as this sector needs to make efforts to become more sustainable (both environmentally and financially).

WP - Structure

WP - Market development

- Market assessment
- Policy instruments
- SME business models
- Market instruments – Eco tourism, Regional green order book

WP - Technical development

- NN partner/s - Recycling waste carbon emissions
- NN partner/s - HVO/HEFA
- NN partner/s Gasification + FT
- Bio-Share/Thermal power stations - Co-pyrolysis or co-gasification

WP - Project development

- Raw material supply
- Sites
- Financing
- Product certification and standards

Project members pre-study

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