



Interreg

North-West Europe



Co-funded by
the European Union

Breakout session

Energy transition

Promoting energy efficiency and
reducing greenhouse gas emissions

Paris, 7 December 2023

NWE Contact Point Luxembourg, Nicole Skirde-Vural
Development Officer (JS), Helene Schabasser



Agenda

Interreg

North-West Europe



Co-funded by
the European Union

1. Energy transition...

... challenges and opportunities in NWE ?

... approved projects so far

... objectives and target groups ?

... expected outputs and results ?

2. How to get through the application process ?

3. My project pitch in 1 minute !

Challenges & opportunities in NWE



Energy transition

Interreg

North-West Europe



Co-funded by
the European Union

SO2.1 Promoting energy efficiency & reducing greenhouse gas emissions

Challenges

- EU target: increase energy efficiency by at least 32,5% until 2030
- Energy performance in buildings/transport
- Deployment of decentralised energy production and/or smart energy systems

Opportunities

- Increase of energy performance of e.g. dwellings and public buildings, transport/mobility, inland waterway transport, district heating and cooling network lines
- Innovative technologies, solutions, products and services, empowerment of citizens/consumers/local communities

SO2.2 Promoting renewable energy

Challenges

- EU to cover at least 32% of total energy needs with renewable energy by 2030
- NWE area is one of the highest energy-consuming regions in the EU

Opportunities

- potential for increased energy production through e.g. wind and solar power, bioenergy (biogas and bioLPG) and use of biomass, hydropower, geothermal/heat pumps, fuelcell/hydrogen technology
- SMEs as technology developers, support of decentralised RE production, new financing and procurement schemes etc.



Territoriality

Interreg



Co-funded by
the European Union

North-West Europe

- Challenges and opportunities specifically in NWE
- In which territorial context (rural, urban, intermediate...)

What is Interreg NWE?
The Interreg North-West Europe Programme fosters transnational cooperation to make the area more resilient, and to contribute to a better quality of life and well-being of all citizens

Territorial analysis

A territorial analysis identifying the NWE Programme's strengths, weaknesses, opportunities and threats – comparatively to other (Interreg) Programmes was conducted. Drawing lessons from the 2014-2020 period, it seeks to answer the following question: What type of territorial projects would deliver added value to European Territorial Cohesion through transnational cooperation? The document defines Interreg NWE's needs regarding its territorial span and includes recommendations for a geographical area to be covered by the next programme. It also addresses target groups to engage with and topics to tackle in 2021-2027. This is a background document which supported the working groups and NTF discussions and helped in drafting the new Cooperation Programme.

[Download the full territorial analysis](#) [Download the summary version](#)

[Learn more about the NWE Programme area](#)

European Commission | English | Translate | Search the InfoRegio website | Search

EU regional and urban development

Home | Policy | 2021-2027 | Funding | What's new | In your country | Projects | Information sources

Regional Policy > Information sources > Maps

Maps

How fast are rail trips between EU cities and is rail faster than air

This paper analyses rail speed on a set of 1 356 routes between medium and large EU cities located less than 500 km apart. On only 3 % of routes between these cities do rail speeds exceed 150 km/h and on 30 % of routes the speed is below 60 km/h. Rail speeds tend to be lower and more connections are missing in eastern EU Member States and on cross-border routes.

- Working Paper
- Interactive map

European Regional Competitiveness Index

Since 2006, the EU Regional Competitiveness Index (RCI) has been providing the member states of

MAPS (PROJECTS)

- ➔ See [NWE Territorial Analysis](#)
- ➔ See EU regional policy information and maps:
https://ec.europa.eu/regional_policy/information-sources/maps_en
- ➔ Look into NWE specific data from Eurostat



Interreg



Co-funded by
the European Union

North-West Europe

Approved projects so far



Themes of approved projects

Interreg



Co-funded by
the European Union

North-West Europe

SO2.1 Promoting energy efficiency & reducing greenhouse gas emissions

- Public procurement for **CO2 pricing** (DeCarb-Pro)
- **Energy poverty** in vulnerable households (SCEPA)
- Integrating **automated mobility** on demand in public transport systems (CAMINO)
- Sustainable **asset management** in industry (More4Sustainability)
- Inland **waterway transport** for small rural businesses (WISTAR)

SO2.2 Promoting renewable energy

- **Renewable Energies** in **greenhouses** (RE-GREENHOUSE)
- Training schemes and **skills** for the **hydrogen** sector (Green SKHy)
- **Aquathermal Heating** and **Cooling** (AquaCOM)
- Energy supply from **water & waste-water infrastructure** (ResNRJWater)
- **Local Energy communities** in rural areas (CIRCUS)
- **Kite-powered energy** production and storage (DEM-AWE)



Discover our projects

Interreg



Co-funded by
the European Union

North-West Europe

www.nweurope.eu/projects-themes

Interreg



Co-funded by
the European Union

North-West Europe

[Get in touch](#)

[Community](#)

[Jems](#)

[Home](#)

[About the programme](#)

[Apply for funding](#)

[Discover our projects](#)

[News & Events](#)

[All categories](#)



Projects & themes

Discover our 2021-2027 projects



Support to projects

Access the project implementation resources



Project partners

Meet the organisations financed by the Programme



Interreg



Co-funded by
the European Union

North-West Europe

Objectives and target groups



Objectives SO 2.1

Interreg



Co-funded by
the European Union

North-West Europe



To improve energy efficiency and create transnational networks through joint strategies and action plans
in North-West Europe territories



To improve energy efficiency in different sectors through demonstration and implementation of scalable and replicable technologies and solutions, incl. delivery of energy savings by behavioural change, digitisation of distribution grids, optimisation of energy consumption, modelling solutions to smart energy systems, energy storage solutions, models to reduce energy poverty



To improve energy efficiency and performance through training schemes...
...for employees, citizens and businesses in different sectors
...through harmonisation of training curricula (e.g. creation & recognition of labels, certificates...)



Objectives SO 2.2

Interreg



Co-funded by
the European Union

North-West Europe



To create/expand value-chains in the field
To shift to RES for energy generation and/or diversify renewable energy supply through joint strategies and action plans



To facilitate the uptake of RE in different economic sectors through demonstration and implementation of scalable and replicable technologies and solutions,
incl. carbon capture storage -and utilisation, smart energy systems and smart energy storage solutions for decentralised production of renewable energy



To increase awareness and acceptance for RES through campaigns and training schemes...
...for workers and businesses in different key economic sectors
...in rural, urban and intermediate areas for RE production and management
... to boost energy entrepreneurship



Target groups

Interreg

North-West Europe



Co-funded by
the European Union

Local / regional / national
authorities

Universities,
public research centres

**TARGET
GROUPS**

SMEs and business
support organisations

Sectoral associations, NGOs



Interreg



Co-funded by
the European Union

North-West Europe

Expected outputs and results



Expected outputs & results

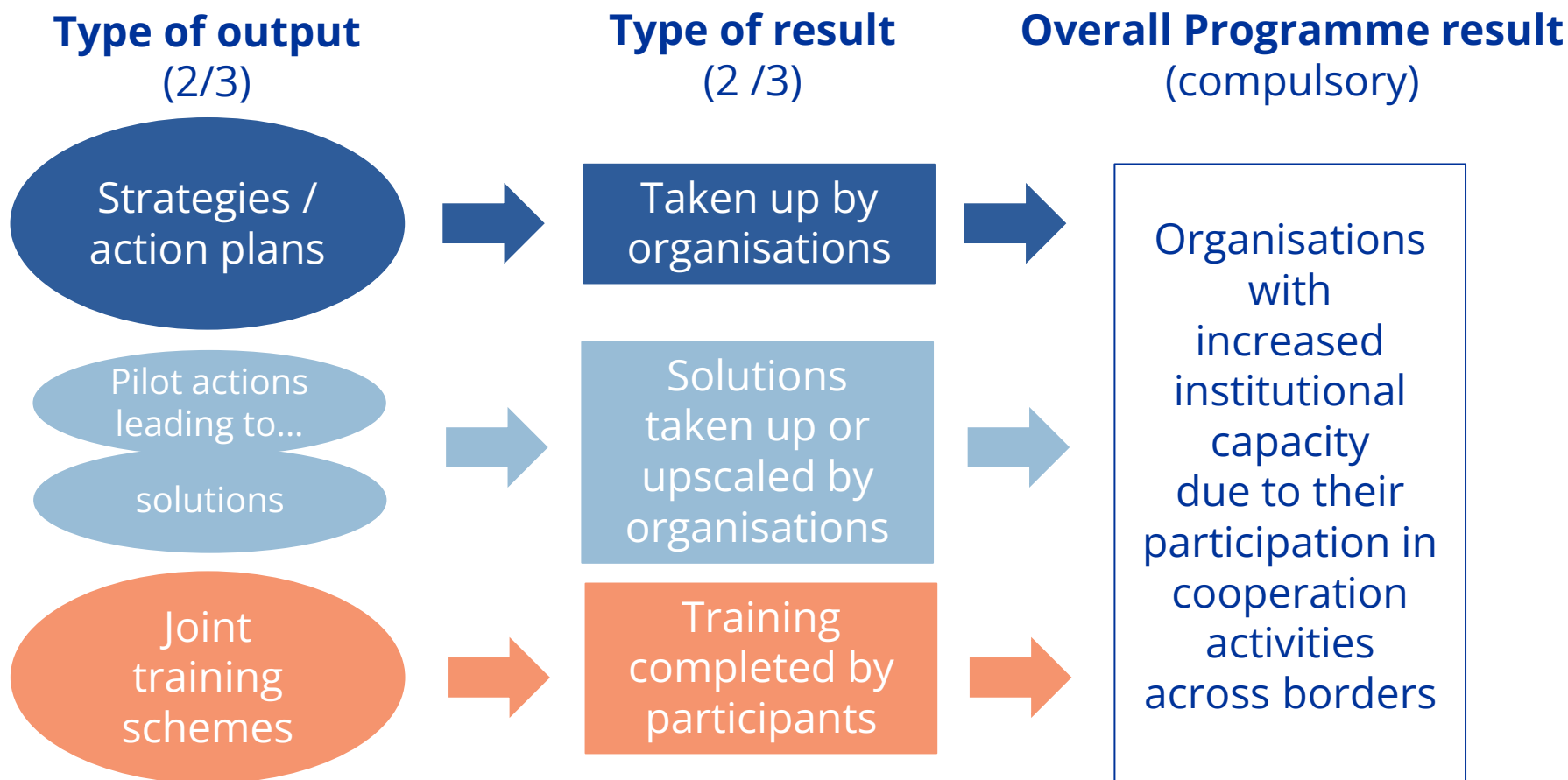
Interreg



Co-funded by
the European Union

North-West Europe

2 out of 3 output types developed & taken up





Project Example 1

Interreg

North-West Europe



Co-funded by
the European Union

SO 2.1: DeCarb-Pro

Challenge: high impact of public procurement on CO₂ emissions

Objective: local authorities (LA) use CO₂ pricing in procurement

Output indicators:

Strategies & action plans: on CO₂ pricing in procurement

Pilot actions: pilot procurements in 3 sectors (infrastructure, construction energy)

Solution: procurement solutions for CO₂ pricing in different sectors and for different community sizes

Joint training schemes: Methods for CO₂ pricing

Result indicators:

Uptake of Strategies & action plans: on procurement in LA

Uptake of solution(s): uptake of procurement solutions in LA

Completion of joint training scheme(s): no. of participants trained

Increased capacity: no. of organisations trained on CO₂ pricing



Project Example 2

Interreg

North-West Europe



Co-funded by
the European Union

SO 2.2: RE-GREENHOUSE

Challenge: in NWE highest density of heated greenhouses in Europe (mainly based on fossil fuels)

Objective: increase use of Renewable Energy to heat greenhouses

Output indicators:

Pilot actions to test different Renewable Energy systems

(heat networks, biogas, wood heating system, pellet heater, residual heat, PV)

Solution: Greenhouse Renewable Energy System decision tool

Joint training schemes Number of participants

Result indicators:

Uptake of solution: decision support tool

Completion of joint training schemes: no. of participants

Increased capacity: no. of organisations

How to get through the application process ?



Application process

Interreg

North-West Europe



Co-funded by
the European Union



FOURTH CALL FOR PROPOSALS

opening on 15 November 2023



APPLICATION STEP 1

closing on 21 March 2024



APPLICATION STEP 2

Submission by 26 September 2024



NOTIFICATION & PROJECT START

December 2024



Application form

Interreg

North-West Europe



Co-funded by
the European Union



www.nweurope.eu/jems

Jems User Guidance

www.nweurope.eu/web/content/4599?unique=b48e511c4814cc4987c314a96624bf492324cac0&download=true



Application form

Interreg



Co-funded by
the European Union

North-West Europe

Sections of the application form in step 1

- What to pay attention to in Jems
- Pre-submission check
It does not guarantee that a submitted AF is complete and declared eligible.
- Also see Word version of the application form on NWE website



Hints and tips

Interreg

North-West Europe



Co-funded by
the European Union



Pay attention to...

- Identification of **common challenge** & research **existing projects**
- Focused and complementary **partnership**
- Definition of indicators (Annex to Programme Manual!)

Don't underestimate...

- time to get to know and fill in **Jems**
- time for drafting and **translation of summaries**

Consider to...

- Submit a project infographic (visual)

And remember... **"Less is more, simple is best"**



How to get support

Interreg



Co-funded by
the European Union

North-West Europe



Key reference documents

Interreg Programme document

Programme Manual

NWE Territorial Analysis



Other guidance documents

SO Factsheets, FAQ, intervention logic infographic,
application process infographic,
application form (Word)...



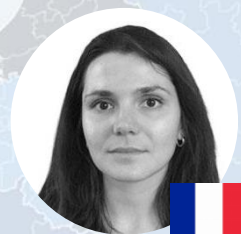
www.nweurope.eu

How to get support?



Get in touch with your Contact Point

www.nweurope.eu/contact-points





How to find partners

Interreg



Co-funded by
the European Union

North-West Europe



Sign up to the NWE online community

www.nweurope.eu/programme-2021-2027/nwe-online-community/

Interreg Co-funded by the European Union North-West Europe

Home Find Partners Browse Ideas Sign in Sign up

1044 ORGANISATIONS

37 PROJECT IDEAS

Interreg NWE

Online Community



How to keep up to date

Interreg

North-West Europe



Co-funded by
the European Union



Sign up for the NWE newsletter

Stay informed

→ [Registration form](#)

Join our newsletter to stay up-to-date with the latest news from Interreg NWE.



Follow us on Social Media



@INTERREG_NWE



Interreg North-West Europe (NWE)



INTERREGNWE



Q&A

Interreg



**Co-funded by
the European Union**

North-West Europe

Thank you
