

Project Ideas Lab

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Low Carbon

**Supporting the shift towards a low carbon
economy and promoting sustainable transport**



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Investing in Opportunities

3 Specific Objectives

To reduce GHG emissions in NWE through:

SO2:

the implementation of low carbon, energy or climate protection **strategies**

SO3:

the uptake of low carbon **technologies, products, processes and services**

SO4:

the implementation of transnational low carbon solutions in **transport systems**

Types of Actions (SO2)

Implementation of low carbon, energy or climate protection **strategies**

e.g.: new governance/financial models, networks of energy-neutral communities, roll-out concepts for retrofiting

Implementing combined mitigation and adaptation **solutions**

e.g.: investments for adapting green / blue structures

Characteristics (SO2)

Focus on **existing** strategies that should reduce GHG in cities and regions

Involvement of **public stakeholders**

Related output indicators

- no. of solutions facilitating delivery of strategies (compulsory)
- no. of households with improved energy classification

Types of Actions (SO3)

Implementing low carbon **technologies**
and other **solutions**

through demonstration and rollout of
existing low carbon products, technologies
or solutions

e.g.: renewable energy technologies, energy storage, energy
supply, energy efficiency

Characteristics (SO3)

Focus on **existing** solutions that should reduce GHG in cities and regions

Involvement of **private partners**

Related output indicators

- no. of enterprises cooperating with research institutions (**compulsory**)
- no. of adopted/ applied low carbon technologies
- additional capacity of renewable energy production

Types of Actions (SO4)

Implementing transnational solutions for low-carbon **transport** systems

e.g.: alternative fuels/technologies (e-mobility, hydrogen and zero emission vehicles), behavioural change transport operators

Implementing solutions for optimised **traffic management** to show tangible transfer to lower-carbon forms of transport

e.g.: last-mile logistics, smart mobility, seamless transport, multi-modal

Characteristics (SO4)

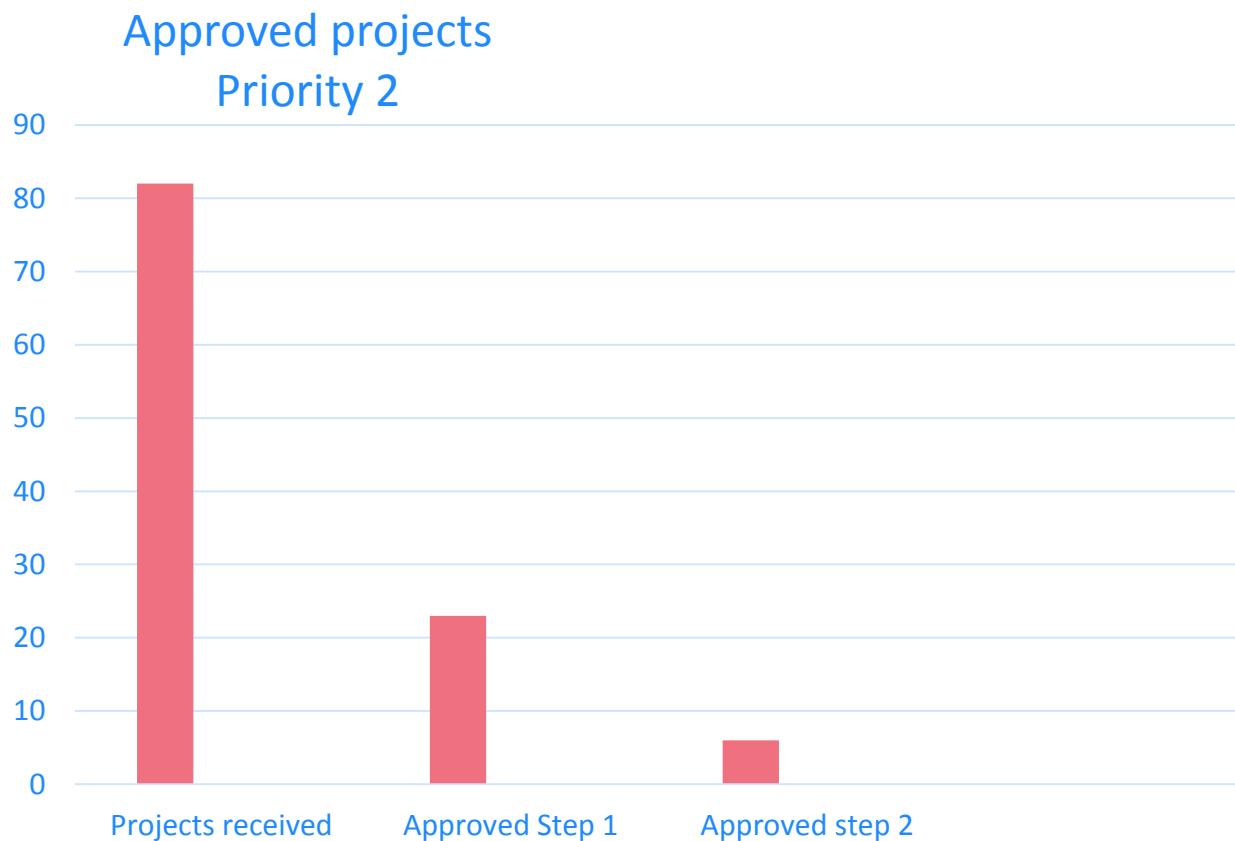
Focus on **transport** solutions that should reduce GHG in cities and regions

Mix of **public and private partners**

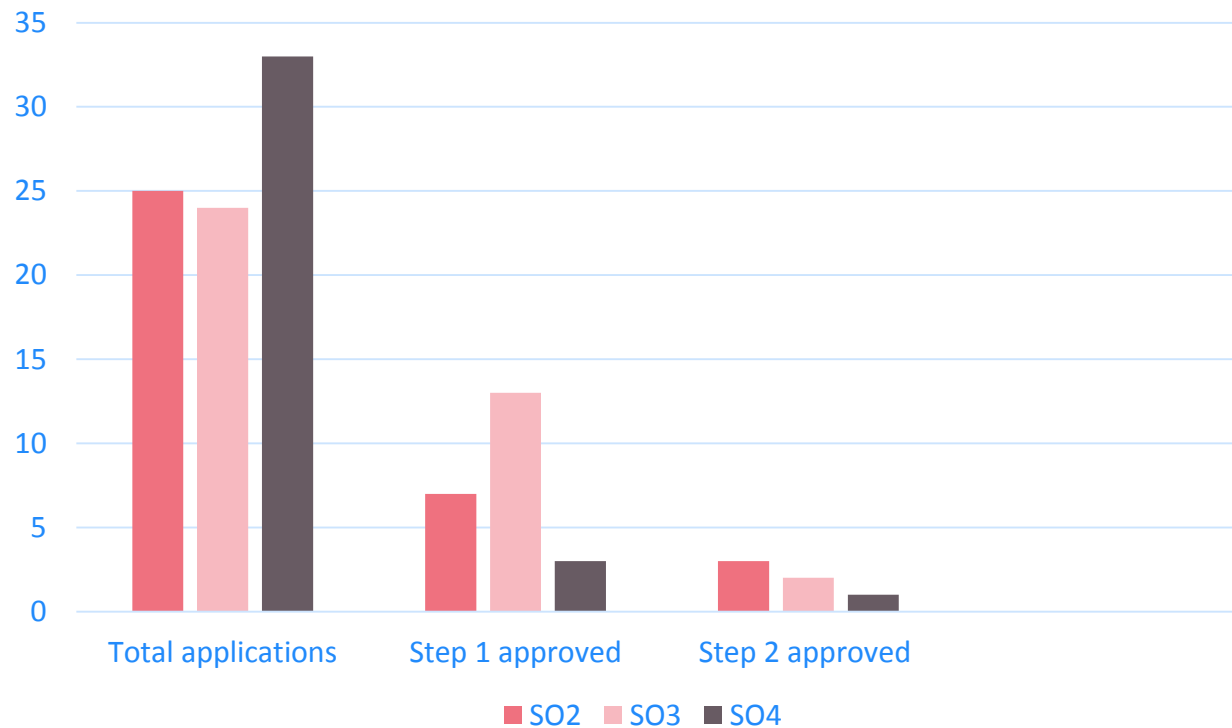
Related output indicators

- no. of enterprises cooperating with research institutions (**compulsory**)
- no. of implemented low carbon transport solutions
- no. of new/improved transport management systems leading to GHG reduction

€ 28.5 m ERDF allocated
= 20 % of Priority budget
=€ 117.5 m ERDF still remaining



Priority 2 approval per SO



Themes covered so far (Call 1,2 & 3)

SO2

energy efficiency
through retrofit

district heating and
cooling networks

climate active
neighbourhoods

energy supply

SO3

RE from waste

Small/medium PV
systems

ocean/tidal
energy

new materials for
insulation

CO2 capture

SO4

cycling highways

hydrogen
vehicles

So, what could be a good project result?

“Progression of XX technologies from TRL 5 to TRL 7”

“Renovation rate in project target areas: XX%”
(baseline was X%)

“60 supply chain companies applying XX technology in NWE”

Output



“changed attitude of local authorities delivers neighbourhood action beyond energy related matters”

Q & A

