Priority 3, Resource and materials efficiency

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Programme Priority 3

"Optimise the use of material resources and reduce the use of natural resources"

Programme Specific Objective SO5

Success will be **measured** in terms of the use and uptake of eco-innovations in NWE, but also in terms of the resource savings and (waste) recycling rates they generate

Programme output indicators

Programme output indicators for SO5

Key output indicator

Number of enterprises receiving support

Specific output indicators

Indicators: solutions – decreased raw material use, increased recovery, reuse, recycling

Measurement units, target values!

Type of actions

Increase material recovery, reuse and Recycling

- Innovative use of waste
- New products, processes, technologies

Reduce raw material use

- New products, processes, technologies

Approved projects in Priority 3

10 Projects fully approved
5 projects approved in STEP 1 and currently under STEP 2 development

€ 34 mio ERDF allocated

€ 61 mio still available in Priority 3

Approved projects

AFTB, Fibersort, Phos4You, Food Heroes, Rawfill, RE-DIRECT, SeRaMCo, ALG-AD, SURICATES, ReNu2Farm

Outputs – Results – Long Term Effects

- Innovative use of waste
- New products, processes, technologies

AFTB

Adhesive Free Timber Buildings

BE|DE|FR|LU|IE|UK

Challenge

Wasteful and harmful use of toxic adhesives in the manufacturing of Engineered Wood Products (EWPs) by the construction industry

The majority of EWPs go to landfill or incineration

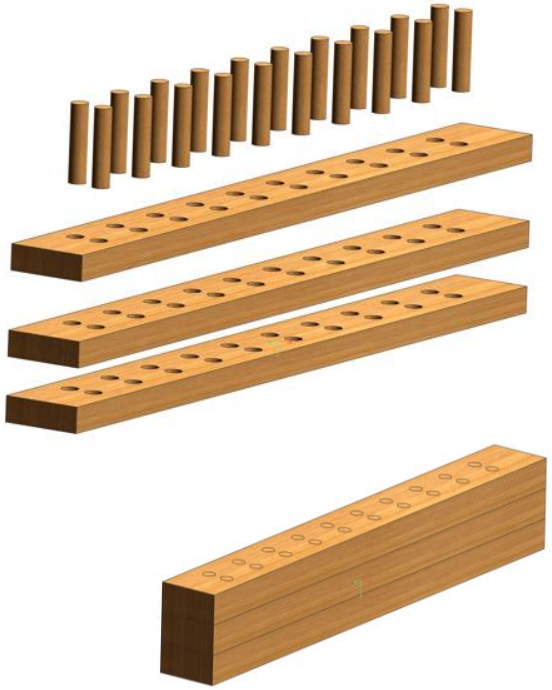
AFTB

Objective

To develop and demonstrate new adhesive free EWPs using a new technology, encouraging and enabling market uptake

Result

200 m^3 of adhesive free timber EWPs produced, saving 1200 kg of adhesives
10 businesses adopting the new technology and producing a range of adhesive free EWPs



SeRaMCo

Secondary Raw Materials for Concrete Precast Products

DE|BE|FR|LU|NL

Challenge

Construction sector is one of the most resource intensive industrial sector in NWE;

CBTC (concrete, bricks, tiles, ceramics) recycling rates is about 70% across the countries involved in the project, but only 4% of CBTC waste is used for the original purpose: concrete production

SeRaMCo

Interreg North-West Europe
European Regional Development Fund
EUROPEAN UNION

Objective

To increase CBTC recycling rates for high quality production of cement and concrete precast products (upcycling) in order to reduce the use of primary raw material.

Result

Increased use of recycled materials for concrete precast products and cement production of 50,000 tons/y;
equal reduction of natural resources use
use of these products by enterprises and municipalities

Step 1 approved in the pipeline

Project	Focus
BioWasteFLEX	Potential of flexible (demand-oriented) operation of biowaste digestion plants for provision of balancing capacity for improved integration of fluctuating renewable energy sources
GREENGO	Regeneration of low-perspective brownfields to multifunctional areas
IMPACT	Intelligent Match: Pressures on land Addressed using Carbon-Tailored products
ISHARE-MAT	Fostering industrial symbiosis across NWE harbor regions
WOW!	Wider business Opportunities for raw materials from waste Water

Intervention logic

Interreg North-West Europe
European Regional Development Fund
EUROPEAN UNION

Step 1

NEED	Definition of the change needed in the territory.
RATIONALE	Reasons why the proposed change matches NWE objectives and why it needs NWE money.
OBJECTIVES	Qualitative description of the change
INPUTS	Budget, time, capacity
ACTIVITIES	Work plan, work packages
OUTPUTS	A project's tangible and final product, service or solution that will be used further by the relevant target groups.
RESULTS	The immediate advantage of carrying out the project, telling us about the benefit of using the project main outputs.

EVALUATION

Intervention logic

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European Regional Development Fund
EUROPEAN UNION

Step 2

NEED	Definition of the change needed in the territory.
RATIONALE	Reasons why the proposed change matches NWE objectives and why it needs NWE money.
OBJECTIVES	Qualitative description of the change
INPUTS	Budget, time, capacity
ACTIVITIES	Work plan, work packages
OUTPUTS	A project's tangible and final product, service or solution that will be used further by the relevant target groups.
RESULTS	The immediate advantage of carrying out the project, telling us about the benefit of using the project main outputs.

EVALUATION

Do’s and Don’ts

Challenge? Objective? Scope? Strategy?

Don’t try to change the world but
Go beyond your backyard

Transnationality is key

Do’s and Don’ts

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Make a **sound analysis of the challenge**.
Set a SMART objective.
Think of **Solutions**. **Scope**. **Be focused**.
Think strategically. Be logic. Make assumptions.

Set **measurable success indicators**.
Quantify the project **results** to show evidence of the project **effectiveness, long-term effects** and fit to **SO5**.

Do’s and Don’ts

Partnership? Investments?
Don’t take a wrong starting point

Budget? Duration?
Estimate the resources and activities needed to produce the outputs and achieve results.

Q&A

Interreg
North-West Europe
European Regional Development Fund
EUROPEAN UNION