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CIRCULAR ECONOMY
CompositeCircle

Glass Fibre Composite Recycling for Sustainable Future

June 2025

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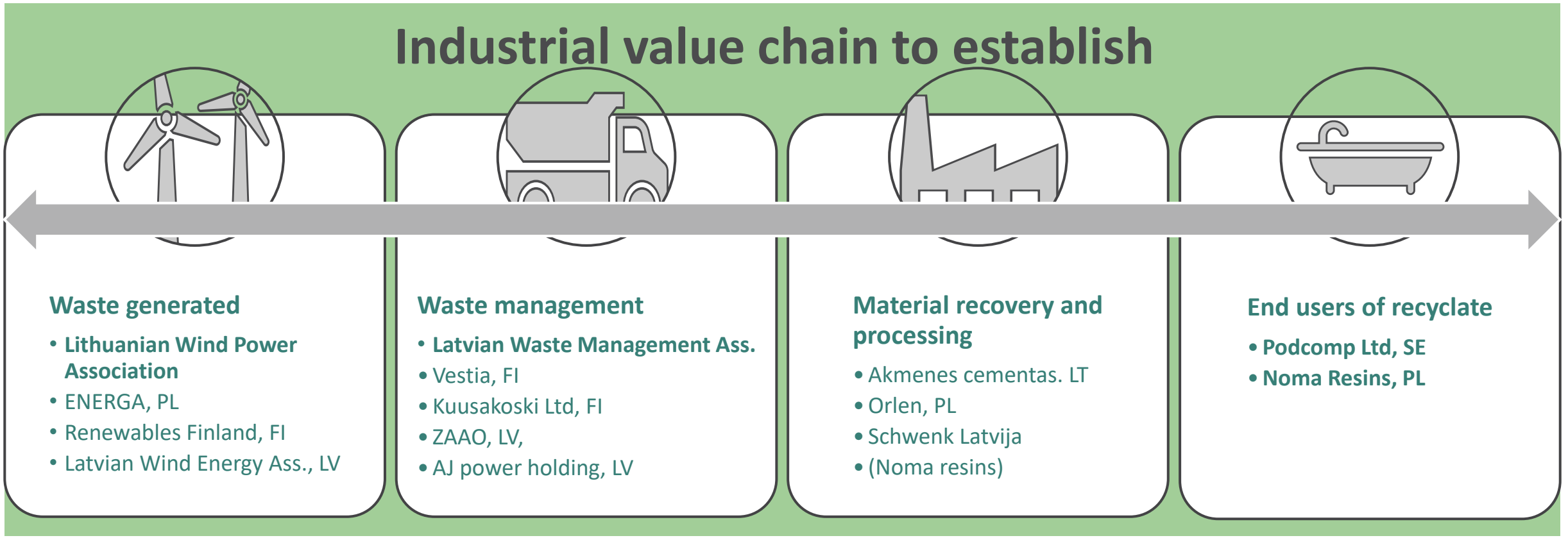
Finnish Plastics Industries Federation (FIPIF)

interreg-baltic.eu/project/compositecircle

Fibre reinforced plastic composites

Industrial value chain to establish



Waste generated

- **Lithuanian Wind Power Association**
- ENERGA, PL
- Renewables Finland, FI
- Latvian Wind Energy Ass., LV

Waste management

- **Latvian Waste Management Ass.**
- Vestia, FI
- Kuusakoski Ltd, FI
- ZAAO, LV,
- AJ power holding, LV

Material recovery and processing

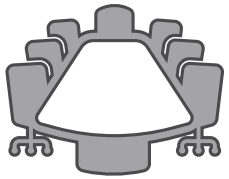
- Akmenes cementas. LT
- Orlen, PL
- Schwenk Latvija
- (Noma resins)

End users of recyclate

- **Podcomp Ltd, SE**
- **Noma Resins, PL**

Technology Development and transfer support

- **Centria University of Applied Sciences – FI;**
- **Riga Technical University – LV;**
- **Aarhus University – DK;**
- **Luleå Technical University – SE;**
- **Muovipoli Ltd**



Influential support

- **State Environmental Service of Latvia; LV**
- **Finnish Plastics Industries Federation, FI;**
- **Lithuanian Energy Agency, LT**
- Danish Plastics Federation, DK
- Piteå municipality, SE

Project in numbers

Duration:	3 years (1.3.2025-28.02.2027)
Budget:	2,916,040 mln €
IBSR co-financing:	2,332,832 mln €
Coordinator:	Centria UAS, Finland
Geography:	6 countries
Partners:	4 R&D, 3 industry associations, 2 governmental org., 3 SMEs
Associated partners:	8 companies, 3 associations, 1municipality

WP1 Preparing solutions
A.1.1: Knowledge exchange for preparation of value chain actors for integration into circular loops
A.1.2: Preparing waste management link of the circular loops
A.1.3: Preparing for co-processing and solvolysis of composite waste
A.1.4: Financial and environmental implications of chosen circular practices for composite
A.1.5: Draft of value chain documentation
WP2 Piloting and evaluating solutions
A.2.1: Piloting product dismantling, pretreatment, quality control, logistic and storage
A.2.2: Piloting recycling technologies and uptake of recovered materials
A.2.3: Value chain establishment, guidebook and policy brief
WP3 Transferring solutions
A.3.1: Workshops for transferring solution
A.3.2: Brand of the solution and durability plan

Solutions and outputs

Established transnational value chain for composite waste recycling

The guidebook for wind energy, waste management, cement, chemical, and composite industries in addressing the complex challenges of composite recycling in a collaborative and coordinated manner.

- Guidelines for waste collection, sorting and pretreatment
- Documentation of technological processes: co-processing and solvolysis
- Quantified financial and environmental implications for circular practices
- Agreements of value chain actors
- Policy brief

Interreg Baltic Sea Region

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