



# LCA4Regions

Interreg Europe



European Union  
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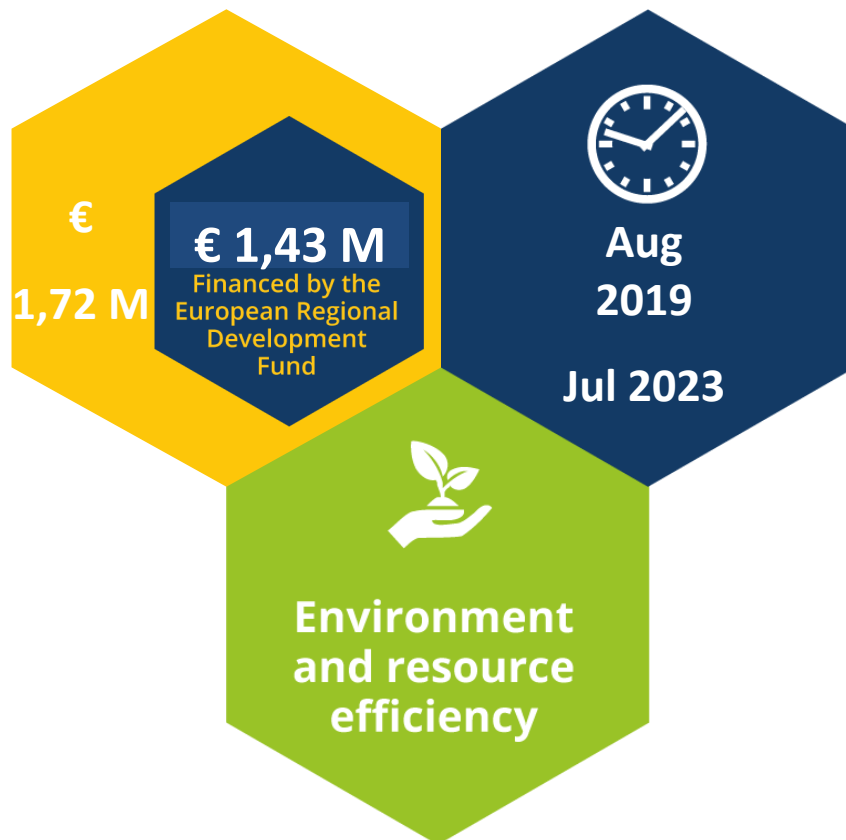
# LCA4Regions

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# LCA4Regions

Improved Environment and Resource Efficiency through use of Life Cycle Instruments for implementation of regional policies of the European Union



## Objective:

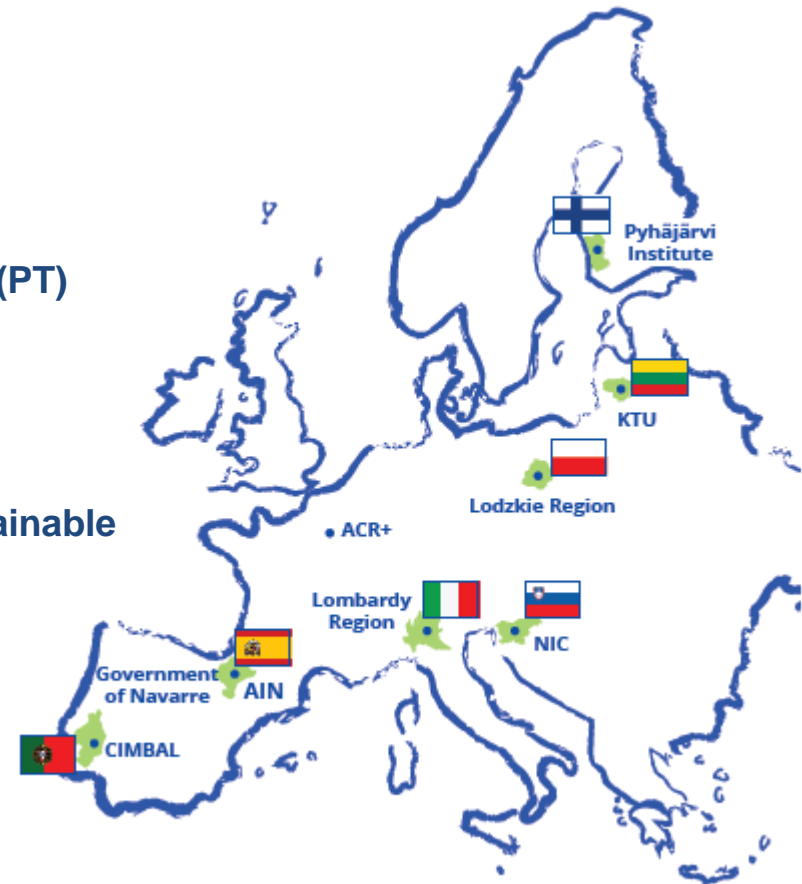
To contribute to a more effective implementation of environmental policy instruments by the application of LCA methodologies.

# Participants

- Government of Navarre (ES)
- Industrial Association of Navarre – AIN (ES)
- Kaunas University of Technology (LT)
- Pyhäjärvi Institute (FI)
- CIMBAL- Baixo Alentejo Intermunicipal Community (PT)
- Lombardy Region (IT)
- National Institute of Chemistry (SL)
- Lodzkie Region (PL)
- ACR+ - Association of Cities and Regions for Sustainable Resource Management (BE)

9 PARTNERS

7 REGIONS

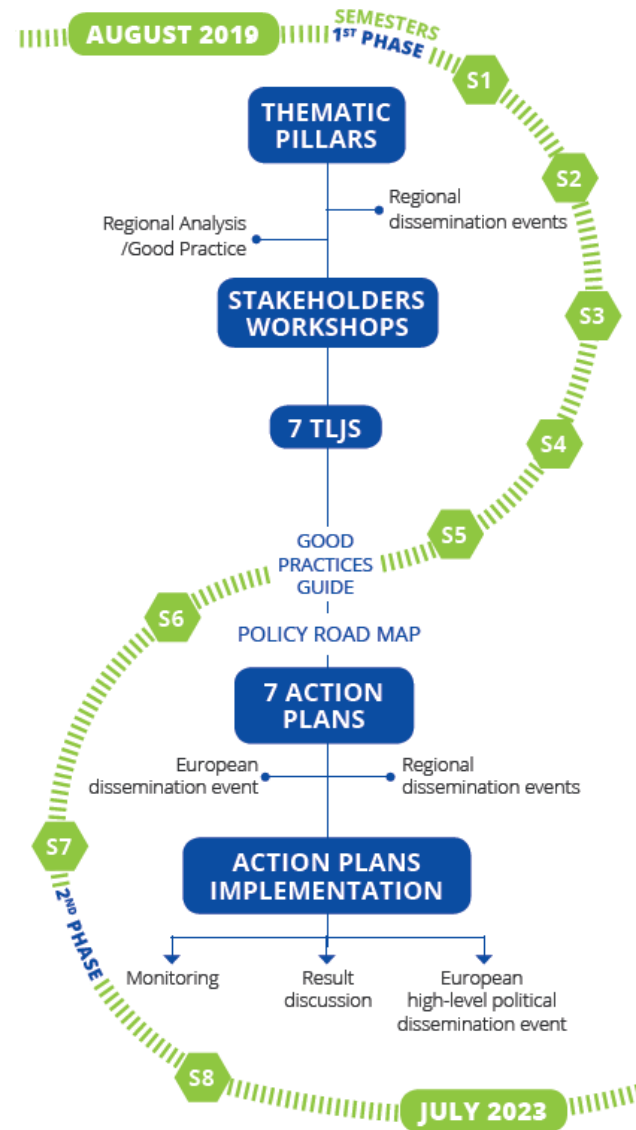


# Two phases:

## 1. Interregional learning (2019-2022)

Regional Dissemination events  
 Regional Analysis  
 Good Practices identification  
 Transnational Learning journeys (TLJ)  
 Thematic workshops  
 Study visits  
 Peer reviews  
 Regional stakeholder events

## 2. Action Plans Implementation (2022-2023)



# Exchange of Experience focus on:

## THEMATIC PILLARS

- **LCA in environmental and resource efficiency policies. From theory to practice.**
- **LCA for resource efficiency.**
- **LCA in waste and material flows.**
- **LCA in public procurements.**
- **Training and capacity building in LCA.**
- **LCA in monitoring and evaluation.**

# Interregional learning:

## Transnational Learning Journeys (TLJ)

TLJ 1	TLJ 2	TLJ 3	TLJ 4	TLJ 5	TLJ 6	TLJ 7
January 2020	June 2020	October 2020	May 2021	September 2021	November 2021	March 2022
Kaunas (LT)	Pamplona (ES)	Satakunta (FL)	Ljubljana (SL)	Lodzkie (PL)	Lombardy (IT)	Alentejo (PT)
LCA From theory to practice	Resource efficiency	Waste and material flows	Public procurement	Training and capacity building	Monitoring and evaluation	Action Plans elaboration

### Exchange of Good Practice

Study visits

Workshops

Peer review

# Stakeholder involvement



# Phase 1 Results: main outputs

**7 REGIONAL ANALYSIS AND BENCHMARKING, AND COMMON METHODOLOGY**

**7 INTERREGIONAL EXCHANGE OF EXPERIENCE: TLJs, STUDY VISITS, WORKSHOPS, PEER REVIEWS**

**41 REGIONAL STAKEHOLDER EVENTS**

**1 GOOD PRACTICE GUIDE**

**1 POLICY ROADMAP**

**2 PROJECT VIDEO**

**6 NEWSLETTER**

**14 REGIONAL DISSEMINATION EVENTS**

**1 EUROPEAN DISSEMINATION EVENT**

**7 ACTION PLANS**



Output indicator	Target	Achieved so far
Number of policy learning events organized:	44	48
TLJ	7	7
RSE	35	40
Kick off-End meeting	2	1
Number of good practices identified	12	57 (40)
Number of learning documents	7	7
Number of action plans developed	7	7 in progress
Number of appearances in media (e.g. press)	31	45
Average number of sessions at the project pages per reporting period	300	1874
Number of publications in social networks	98	157

# Good Practices Guide

## 57 Good Practices identified

- 11 in resource efficiency.
- 15 in waste and material flows.
- 12 in public procurements.
- 12 Training and capacity building in LCA.
- 7 LCA in monitoring and evaluation.



# Selected GPs

## LCA for resource efficiency

- 1 LCA for evaluation of construction works
- 2 Environmental Impact Assessment of Renovated Multi-apartment Building Using LCA
- 3 Environmental Product Declaration as an example of LCA application in construction
- 4 Calculation of Carbon Footprint in services of the Commonwealth of the Region of Pamplona
- 5 Resource efficient land use to promote sustainable land design and development

## LCA in waste and material flows

- 6 Optimization of the regional management of Construction & Demolition Waste through the LCT approach
- 7 GERLA project: Waste management in Lombardy – Life cycle assessment
- 8 URSA - Alqueva by-products circulation units
- 9 Application of Life-cycle assessment in optimization of municipal waste management systems

## LCA in public procurements

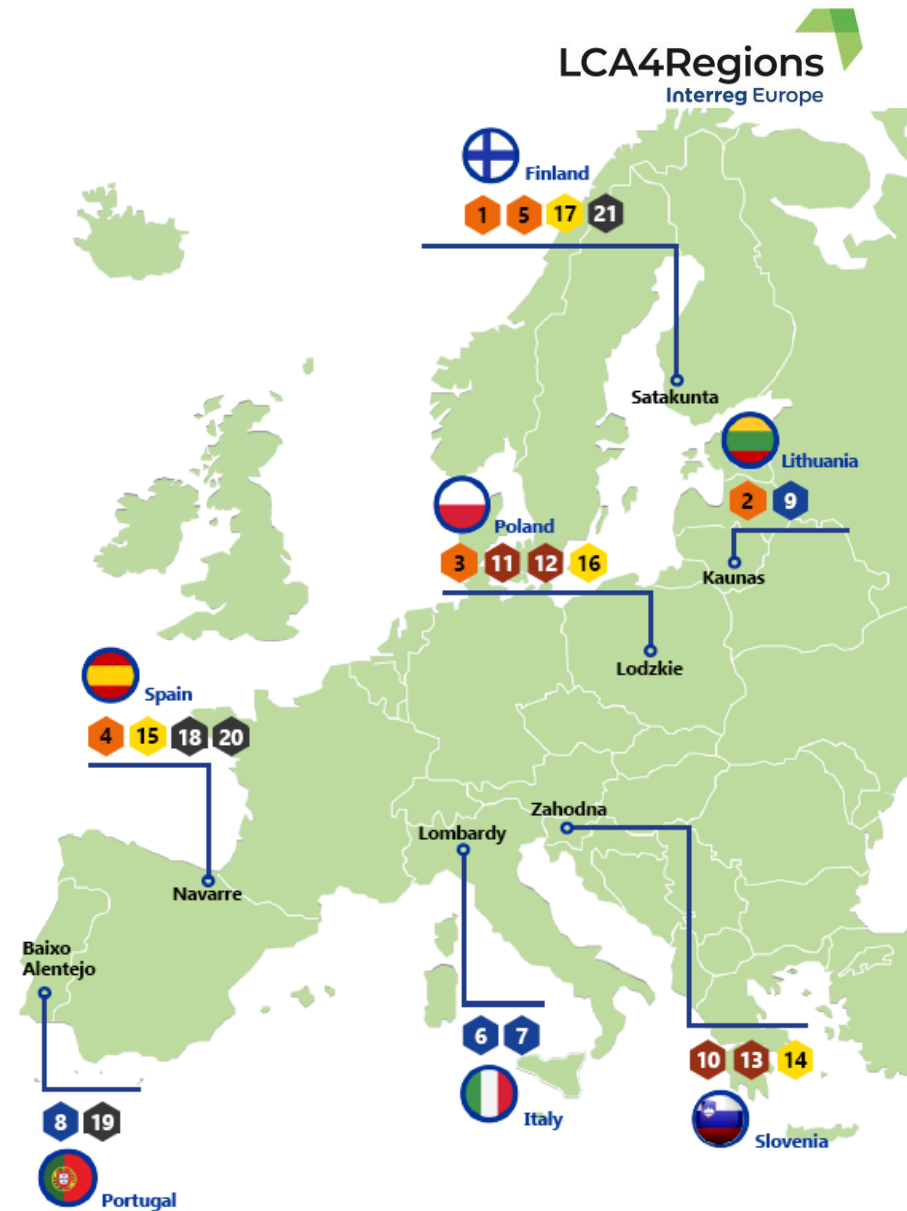
- 10 Green public procurement in Slovenia
- 11 Manuals of the Public Procurement Office on the use of green procurement and the life cycle.
- 12 Active support of the contracting authority by the Public Procurement Office through LCC calculators
- 13 Green public procurement and LCC in practice – Green vehicles

## Training and capacity building in LCA

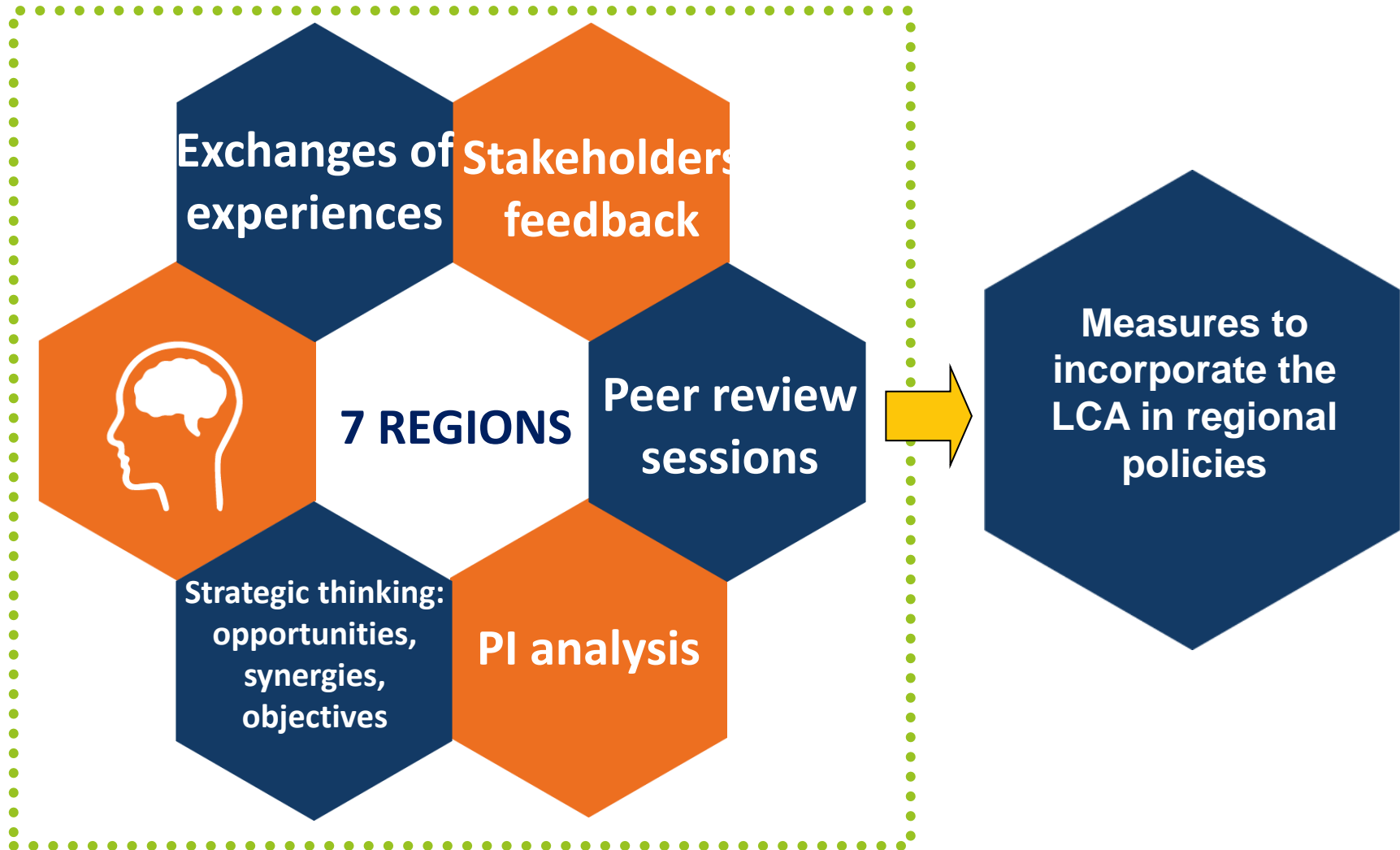
- 14 Training and capacity building on circular economy and LCA in Slovenia
- 15 Course "Business Models in the Circular Economy"
- 16 Capacity building in life cycle assessment - Lodz University of Technology
- 17 KEINO Academy for sustainable procurement management

## LCA in monitoring and evaluation

- 18 National Registry of Carbon Footprint (CF), CO2 compensation, and CO2 absorption projects
- 19 Wines of Alentejo Sustainability programme - WASP
- 20 Regional Green House Gas (GHG) emissions Inventory
- 21 Doing good: carbon handprints as assessing positive impacts of companies and the public sector



# Elaboration Action Plan





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# Thank you!

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