



**CONDEREFF**

Interreg Europe



European Union  
European Regional  
Development Fund

# Overview and vision

**Construction & demolition**

**waste management policies for**

**improved resource efficiency**

Dr. Ingrid Winter  
Styrian State Government  
Directorate 14 – Dep. Waste and Resource Management  
2019-09-12, SBE19 Graz

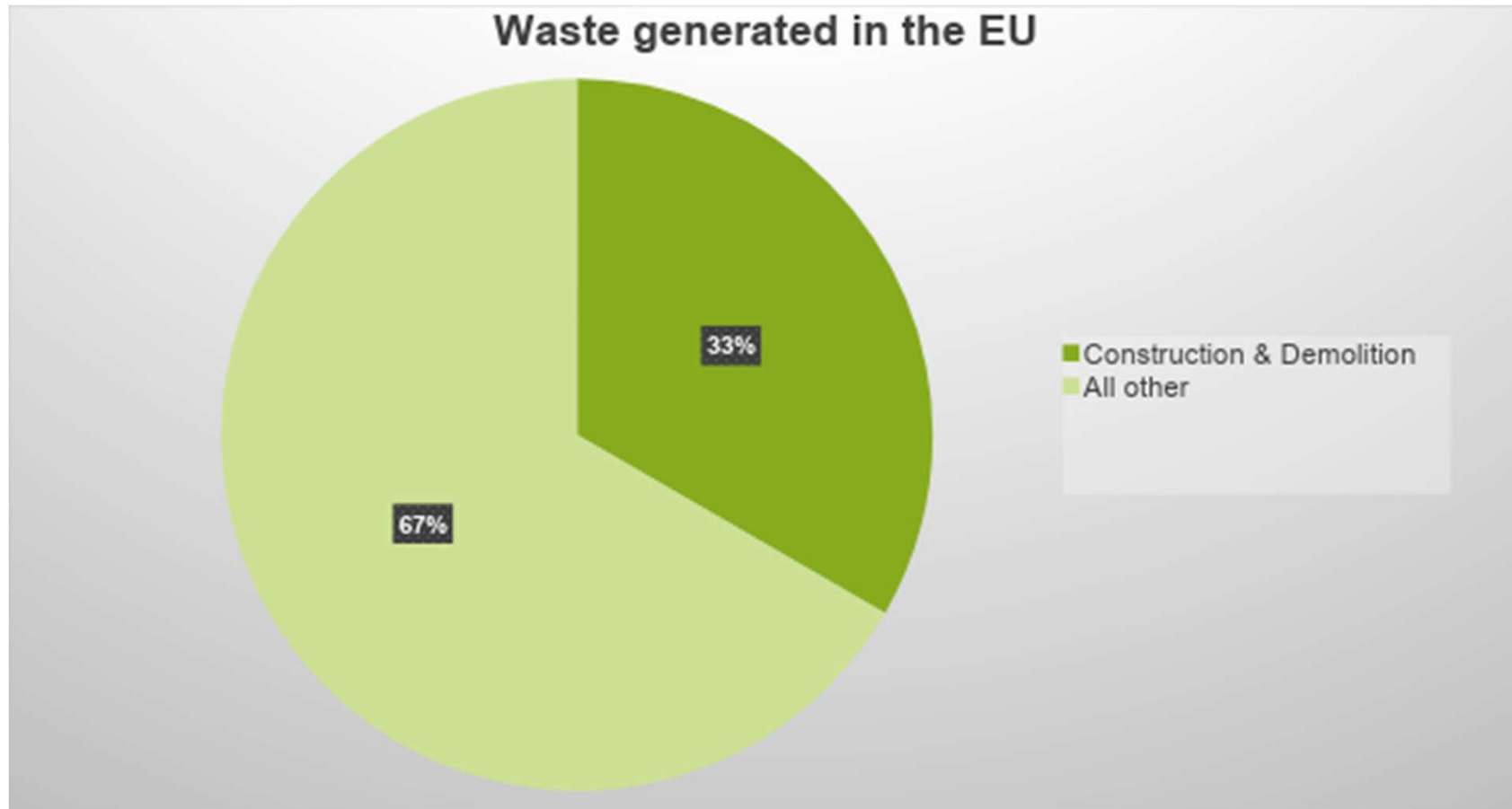


Das Land  
Steiermark

CONDEREFF

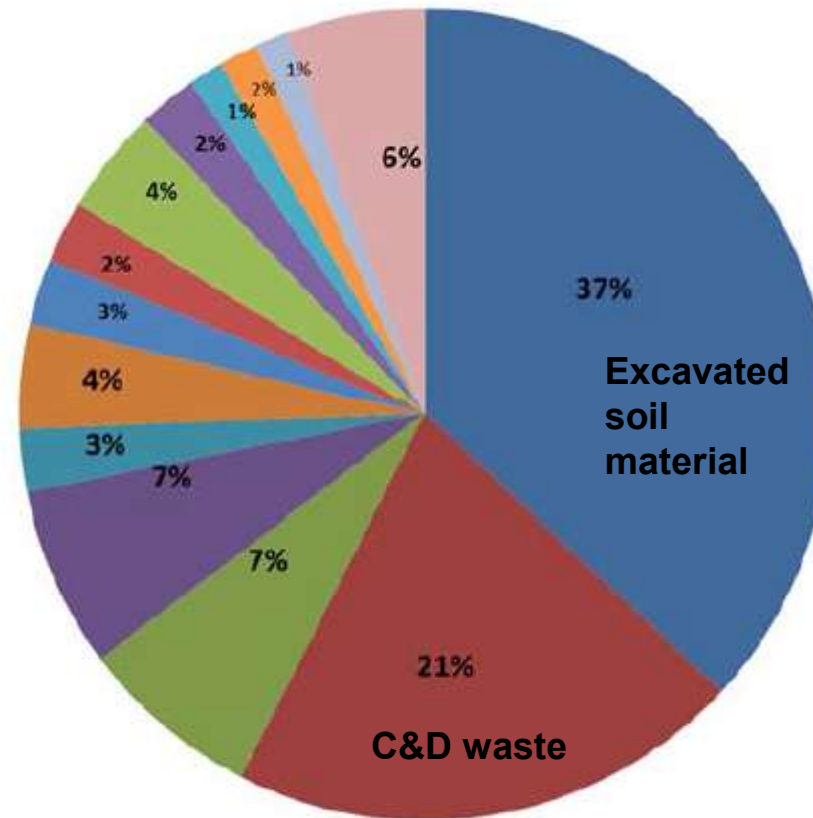
# Topic & challenge

# C&D waste



**Construction & demolition waste is one of the heaviest and most voluminous waste streams generated in the EU**

# C&D waste in Styria



## Waste volumes in Styria in 2016:

- 2,5 Mio. t excavated soil material
- 1,4 Mio. t C&D waste

# C&D waste recycled in the EU

**Mandatory recycling rate:  
70 % by 2020  
(Waste Framework Directive)**

**Current recycling rate in EU:  
50 %**



# C&D waste is a EU priority waste stream

- High potential for recycling and re-use due to components with a high resource value
- Re-use and recycling market for C&D waste: mostly roads, drainage and other constructions
- Technology for separation and high-quality recovery of C&D waste: well established, readily accessible, mostly inexpensive

# C&D waste management policy challenges

- **Different approaches in EU member states hinder cross-country comparisons & collaboration**
- **Lack of confidence in C&D recycled materials quality**
- **Policy improvements required at different levels**

# EU C&D waste management protocol

## Objective: confidence-building

- C&D waste management process
- Quality of C&D recycled materials

## Implementation by:

- Improved identification, source separation and collection of re-useable / recyclable waste C&D fractions
- Improved waste logistics
- Improved waste processing
- Quality management
- Appropriate policy and framework conditions





CONDEREFF

# Goal & objectives

# Project goal

- Better integration of the EU C&D Waste Management Protocol in territorial policies
- Strengthen public authorities' capacities for managing C&D waste:
  - public procurement
  - landfill restrictions
  - recycling facilities
  - public perception and acceptance
- Transfer lessons learnt into partners' regional policies

# Project objectives

1. Higher capacity to improve policies for resource efficient C&D waste management
2. Enhanced implementation practices of C&D waste stream generation, tracing, and processing
3. Raised economic potential of C&D waste re-use
4. Adoption of proven C&D monitoring processes and regulation enforcement methods
5. More positive regional stakeholder perception of C&D waste re-use and recycling

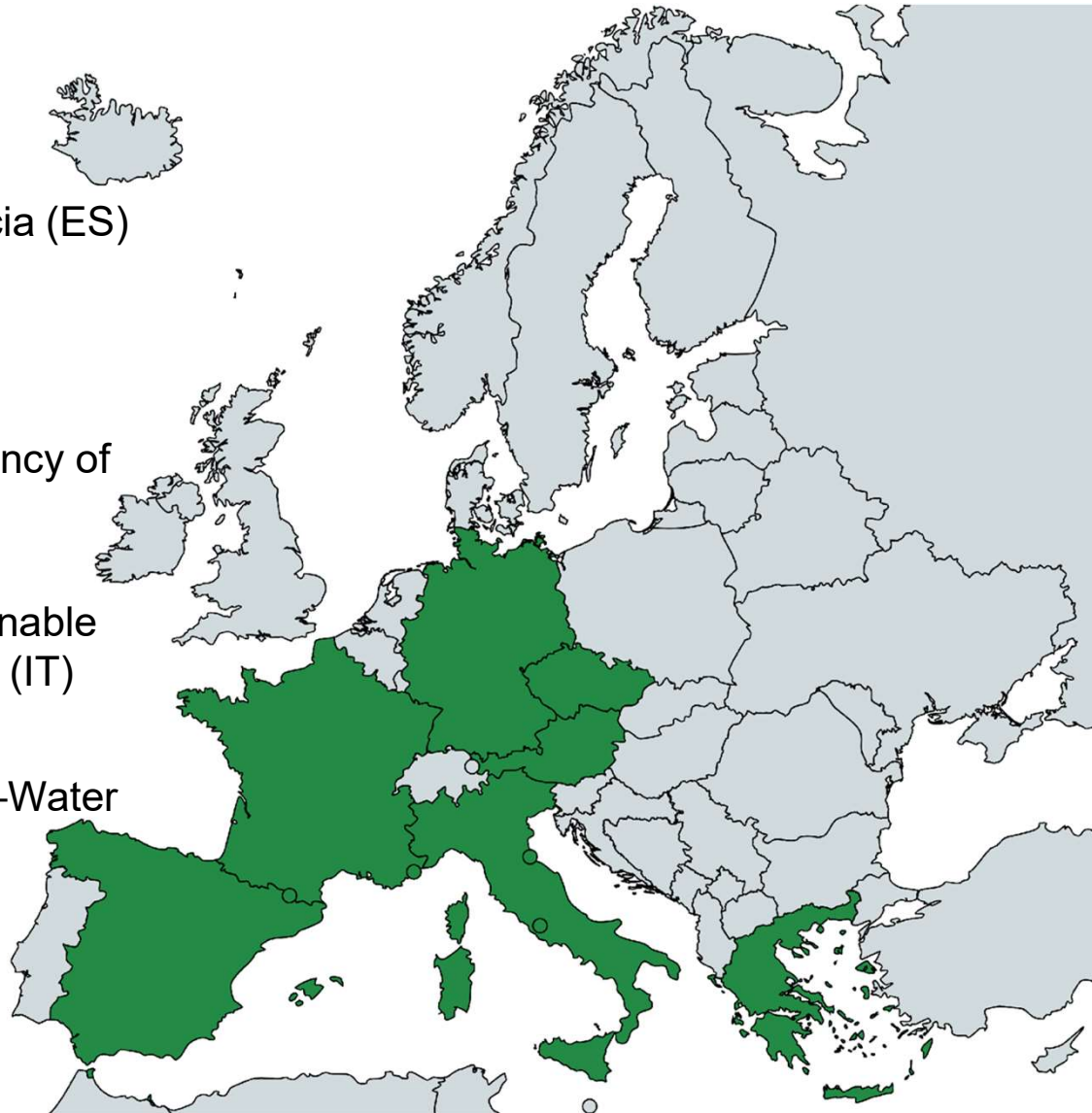
CONDEREFF

# Partners & policy instruments

# Partnership

## 8 partners from 7 countries

- Polytechnic University of Valencia (ES)
- Region of Thessaly (GR)
- Auvergne-Rhône-Alpes Energy Environment Agency (FR)
- The Regional Development Agency of the Pardubice Region (CZ)
- Italian national agency for new technologies, energy and sustainable economic development – ENEA (IT)
- Lazio Region (IT)
- Styrian Provincial Government –Water management, Resources and Sustainability (AT)
- ISW Institute for Structural Policy and Economic Development (DE)



# Policies addressed

Coun try	Policy instrument	Managing Authority	Partner responsible
ES	Integral Plan of Waste by the Valencian Community (Decree 81/2013 )	Valencia Regional Government	UPV
GR	Regional Operational Programme of Thessaly 2014-2020	Region of Thessaly	RoT
FR	Regional ERDF programme Rhône Alpes 2014-2020	Regional Council of Auvergne-Rhône-Alpes	AURA-EE
CZ	Operational Programme Environment	Czech Republic Ministry of the Environment	RRAPK
IT	POR Lazio ERDF	Lazio Region	LAZIO
AT	Investments in Growth and Employment Austria 2014-2020	Styrian Provincial Government	STYRIA
DE	Guidelines for the production and use of quality controlled recycling construction material in Saxony-Anhalt	Saxony Anhalt Ministry of Environment, Agriculture and Energy	ISW

# Why policy instruments need to be improved

- Revisions to transpose the EU C&D waste management protocol
- Improvement of indicators for monitoring & measurement C&D waste management
- Improvement of public awareness & acceptance
- New technologies and models to develop actions and products in this priority area
- Promote recycling to gain more value from resources and to reduce landfilling and negative impact on the environment
- Examine appropriate measures for selection, permits, and monitoring of C&D waste management sites and facilities
- Promote and incentivise re-use of C&D waste.
- Support sustainable urban development.
- Adapt measures for the selection, recycling and re-use of C&D waste materials.

# Policy improvements envisaged (indicative selection)

- **NEW PROJECTS**

- Awareness raising for economic operators.
- C&D waste reduction / recollection at source.
- Green renovation.
- Quality control mechanisms to support C&D waste recycling.

- **IMPROVED GOVERNANCE**

- Monitoring mechanisms, indicators and use of experts to assist evaluation of progress for funded projects.
- Mechanism to evaluate selection, permits and monitoring of C&D waste management facilities.
- New forms of cooperation between authorities and key actors.

- **STRUCTURAL CHANGES**

- Include measures related to the EU C&D Waste Management Protocol



CONDEREFF

# Overview, activities & outputs

# Facts and figures

Start date: **01/06/2018**

Duration: **36 months** (implementation)  
**+ 24 months** (monitoring)

Specific objective: **4.2 improving resource-efficient  
economy policies**

Budget: **1.617.955 euros**

# Activities

## A. Exchange of experience

- A1: Joint thematic studies and analysis
- A2: Stakeholder policy learning
- A3: Interregional learning and capacity building
- A4: Policy improvement tools and resources
- A5: Policy instruments impact

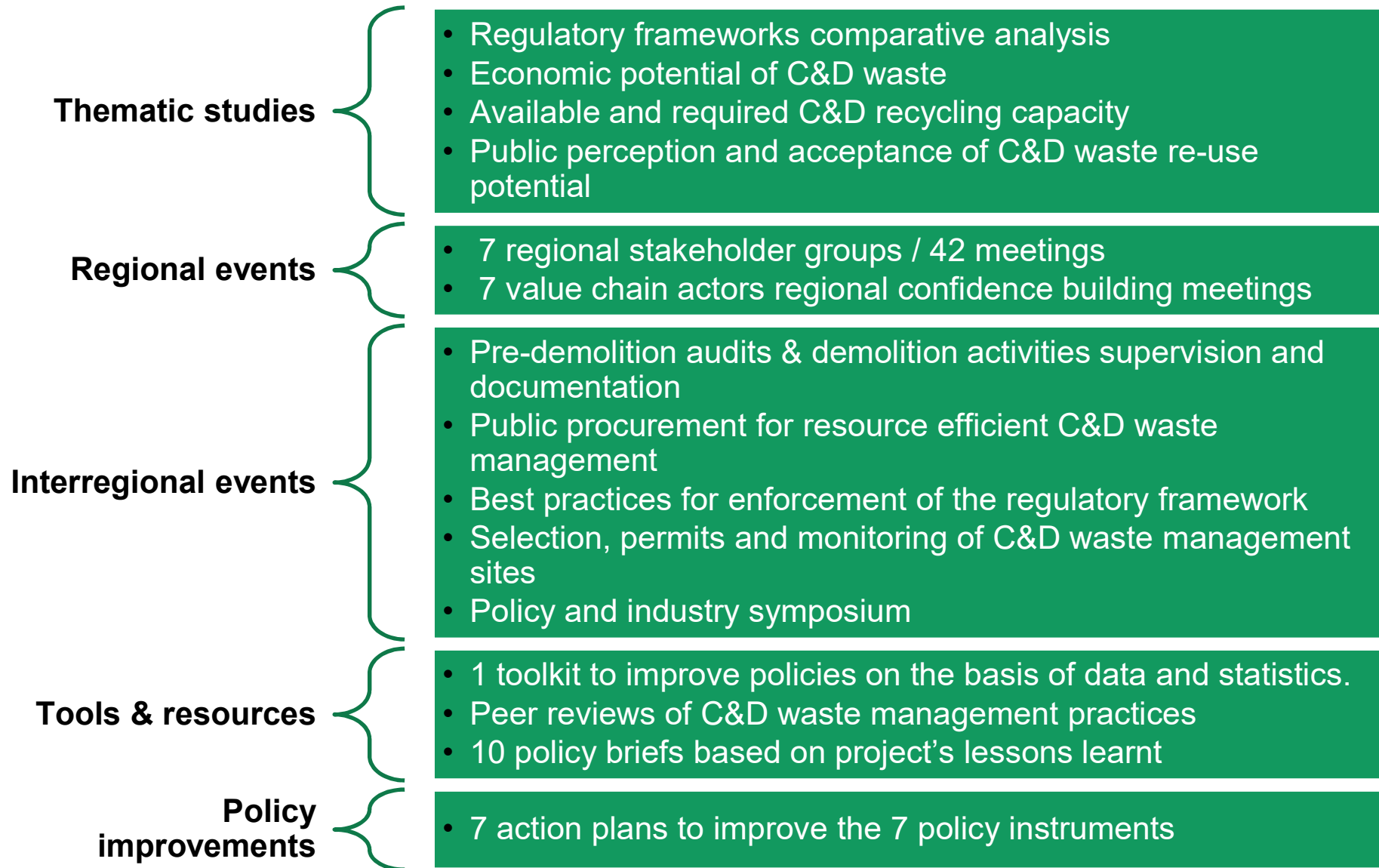
## B. Communication and dissemination

- B1 Planning of communication activities & tools
- B2 Development of communication materials
- B3 Implementation of communication activities

## C. Project management

- C1 Technical coordination
- C2 Financial management

# Main outputs





**CONDEREFF**

Interreg Europe



European Union  
European Regional  
Development Fund

Thank you for your attention!

Questions welcome



Das Land  
Steiermark