

## Project:

### (Des)Construir\_Economia\_Circular\_CIMBAL | LNEG's contribution

WP1 - Baseline analysis and follow-up	Participates
WP2 - Regulatory framework	Participates
WP3 - Materials passport	Leads
WP4 - Pre-demolition audits	Leads
WP5 - Optimization models	Leads
WP6 - Proposal for strategic action	Participates
WP7 - Information, awareness and training	Participates
WP 8 - Communication	No participation

## Team:

Cristina Rocha (contact person) and David Camocho, Resource Economics Unit  
 Ana Paula Duarte e Joaquim Duque, Renewable Energies and Energy Efficiency Unit  
 Ana Maria Gonçalves, Materials for Energy Unit

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### Materials passport:

- Set of data describing defined characteristics of materials and components in buildings
- Adjusted to the regional reality

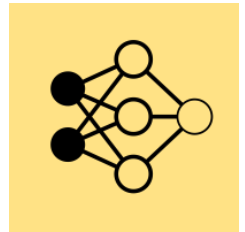


### Guide for pre-demolition audits:

- The aim is to remove hazardous materials and increase source separation into high-value materials fractions
- Following the EU Construction and Demolition Waste Management Protocol.

### The mathematical models aim at optimizing:

- The location of storage facilities to recover the RCDs produced at a municipal level
- The recycling network of the RCDs at a regional level spanning several municipalities
- Processing and selling the reusable materials at the regional level





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