



The European House  
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REGIONE LIGURIA

# LIGURIA 2030

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Sesta edizione

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Camera di Commercio  
Genova

Camera di Commercio  
Riviere di Liguria  
Imperia La Spezia Savona



1921  
2021



Ignazio Messina & C.

# SPAIN – TOWARDS A JUST ENERGY TRANSITION

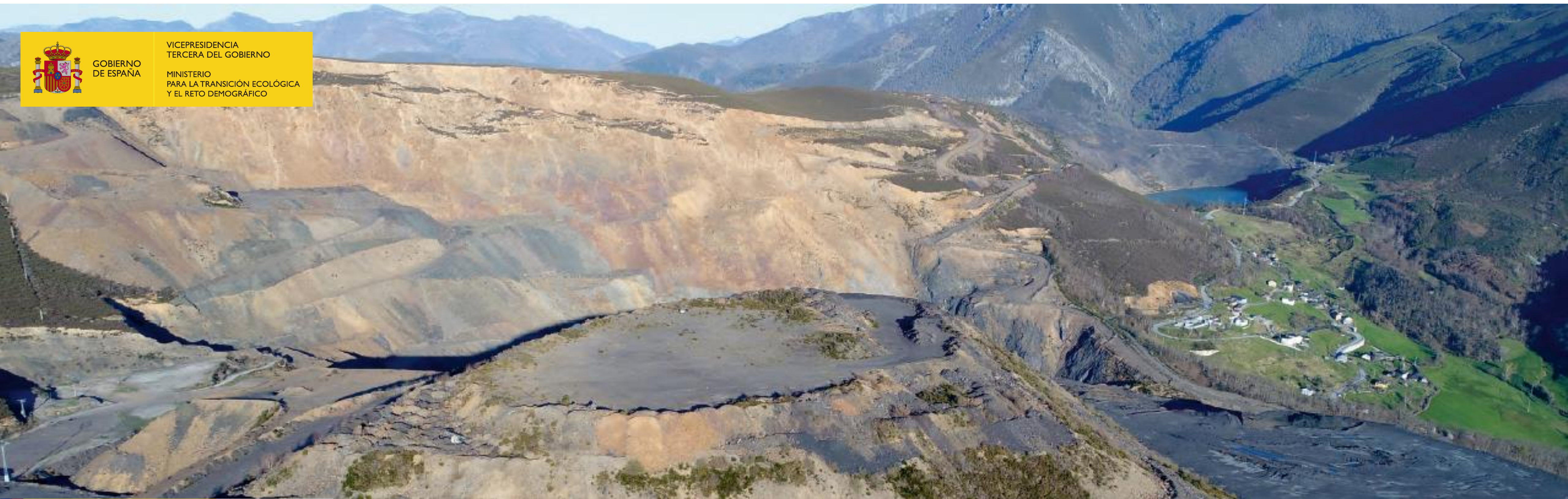
## A future for coal regions



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Y EL RETO DEMOGRÁFICO



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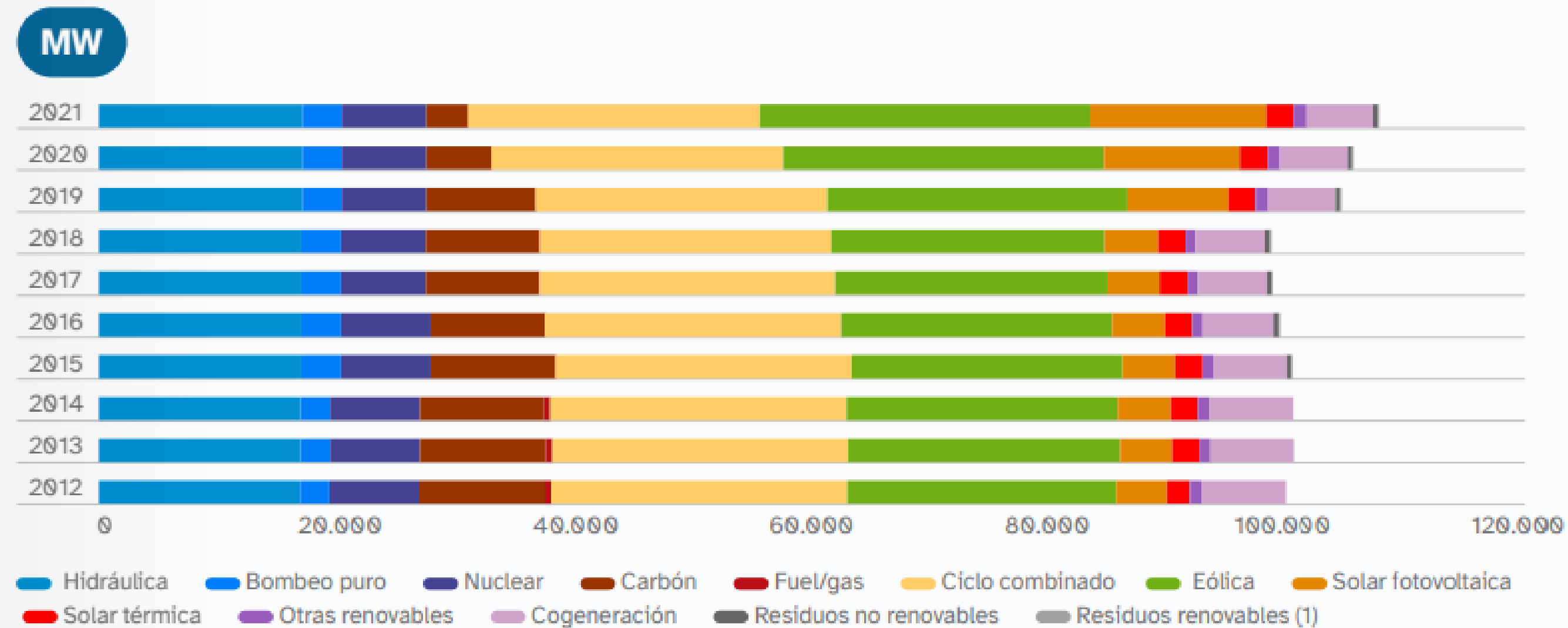
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JUSTA



# Evolution of the Spanish Electricity generation mix

2012-2019

## Evolución de la estructura de potencia instalada peninsular



(1) Potencia incluida en otras renovables y cogeneración hasta el 31/12/2014. //Fuente Comisión Nacional de los Mercados y la Competencia (CNMC) hasta el 2014 en: hidráulica no UGH, eólica, solar fotovoltaica, solar térmica, otras renovables, cogeneración y residuos.

- 2021 - 113.156 MW Installed electricity generation in Spain
- **2021- 56,7%** Installed RE electricity generation
- **Goal 2030:** 74% Installed RE electricity generation
- Since 2017, increase RE generation, mostly wind and solar energy.
- **Coal production is decreasing** due to the closure of coal-fire plants. Now 1,9 % of the electricity generation mix

# Governance for a **just transition**

A dedicated framework to provide solutions

**Just Transition Strategy  
and its Urgent Action Plan**

**Tripartite agreements  
between trade unions, companies and  
government**

**Just Transition Agreements  
providing solutions to the territories**

# Agreements with trade unions and companies

## Social dialogue for a just transition

Two sectoral agreements (coal mining & coal power plants) were signed between the government, trade unions and companies to ensure a just transition for affected workers.

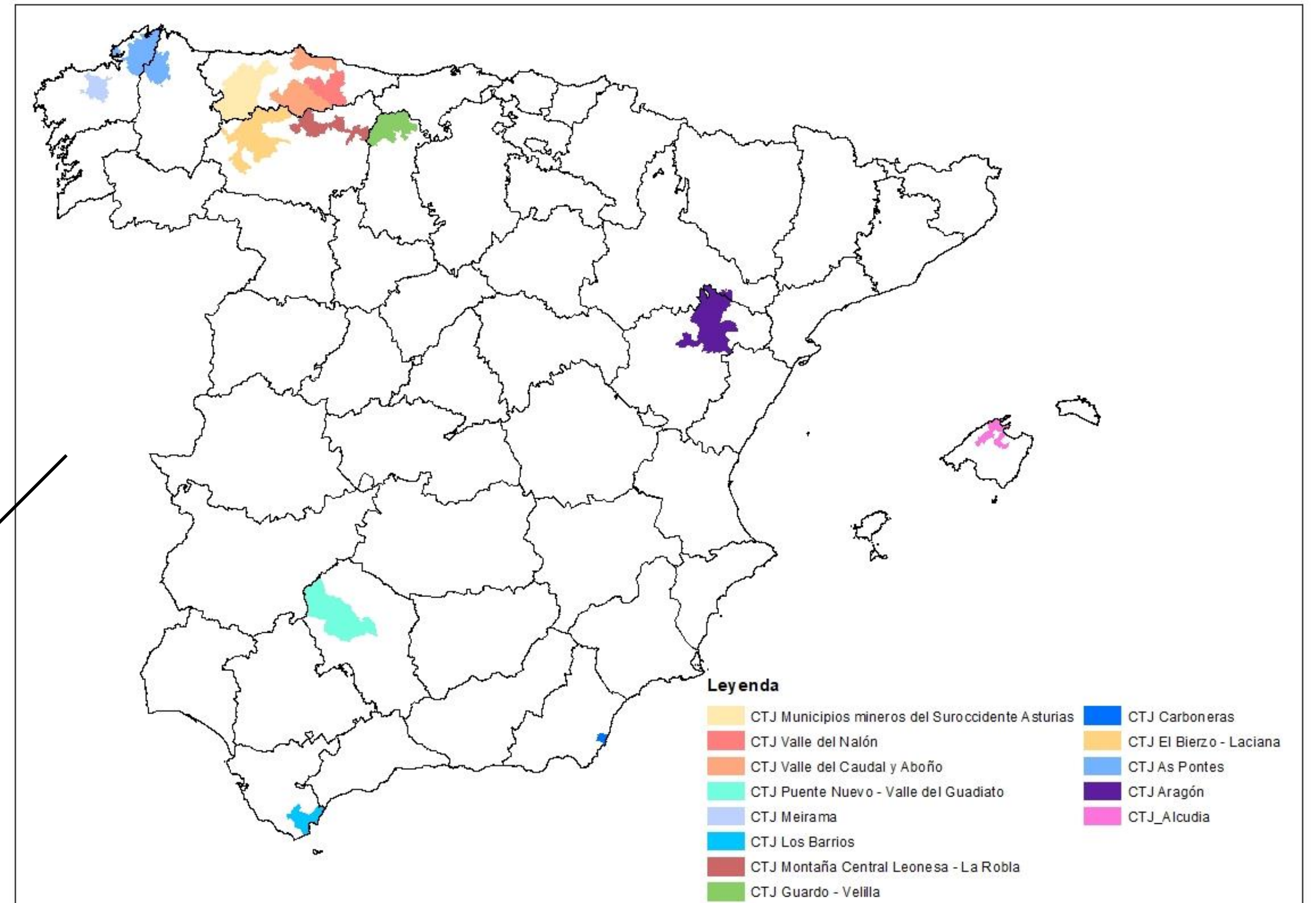
*Framework Agreement for a Just Transition for Coal Mining and the sustainable development of coal regions, for the period 2019-2027. Signed in 2018.*

*Agreement for a just transition for coal power plants: jobs, industry and territories. Signed in 2020.*

# Just Transition Agreements

Co-governance agreements between local, regional and national governments to provide solutions & support to the affected territories.

- Based on **public participation & evidence-based impacts**.
- **Coal territories** covered by each **Just Transition Agreement**



# Support to affected workers

Social support to the most affected, channeled through different tools:

- Financing **early retirements** and **redundancies** for miners.
- **Job banks** for affected workers.
- **Career guidance** service.
- **Relocation** in environmental restoration projects, dismantling activities and new investments in the area.
- **Bonus** for hiring affected workers in SME support schemes.



# Support to new economic activities

## Seeking a diversified & sustainable economic future

### New **business** developments:

- Dedicated support schemes for SMEs in affected territories.
- 200+ projects already supported

### Renewable energy and **R&D**:

- Just transition as cross-cutting element in **renewable** energy, **green hydrogen** & energy **storage** support schemes.
- *Just transition tenders* to promote renewable projects maximizing socioeconomic benefits.



### Andorra's (Teruel) Just Transition tender:

- 1,2 GW
- 11 bidding companies
- Industrial and social proposals along with renewable energy projects



# Support to municipal and cultural projects

To build better and modernized services & promotion of identity and cultural heritage

- 100+ projects already supported. Examples in Asturias:
  - ICT business center, El Entrego.
  - Geothermal energy network, Mieres.
  - Recovery of Monte Carrio with bicycle trails.
- New scheme for **environmental, social and digital infrastructures** already opened for proposals.
- Programmes underway to support **cultural & industrial heritage** and promote **cultural activities** in affected regions.



# Environmental restoration of coal mines

Restoring nature while promoting new opportunities

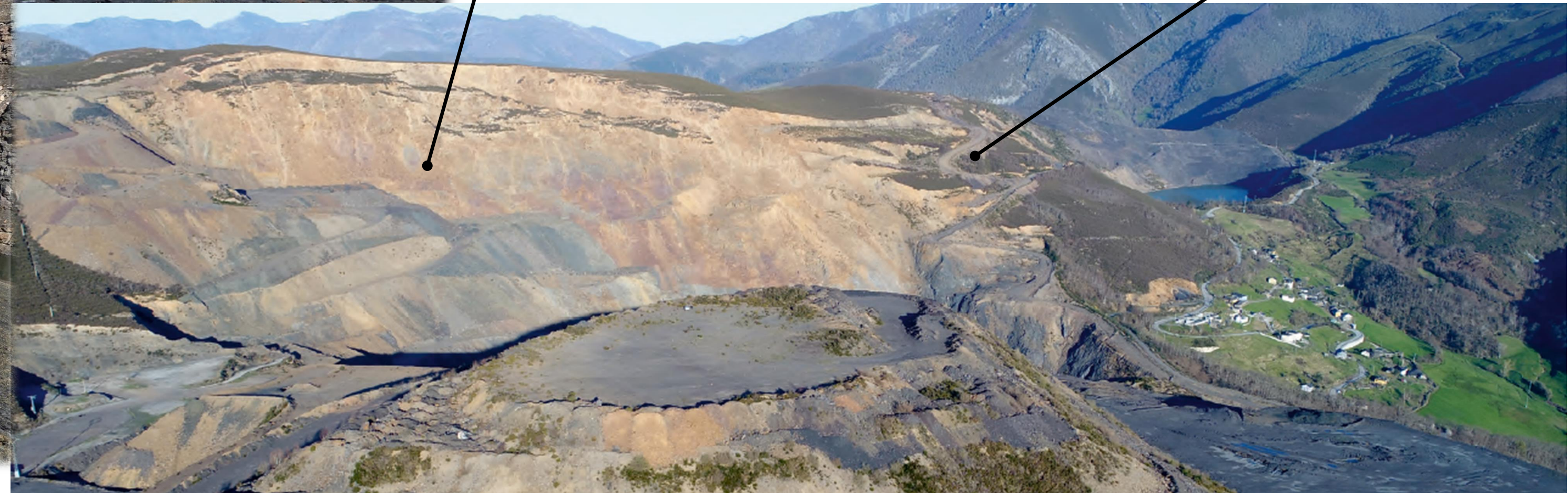
Reforestation with local chestnut trees



Recreational areas to study local fossils & walking paths

Hiring ex miners to transform **coal jobs** into **green jobs**

Local communities are protagonists in the definition of new uses



# Relevant tools from JT process in Spain

- **Diagnostic tool to assess impact on employment** linked to coal-phase out process (coal mining, coal- power plants) and nuclear plants closure.
- **Just transition agreements-** 15 JTA:
  - Agreements to **coordinate commitments** towards the transition among different levels of governments
  - Based on **participatory processes** to validate the assessment AND identify option for new job creation-1800 proposal so far and 700 people/organizations involved
  - **JT Agreements Agents-** to solve questions about new subsidies, support local administration and private sector, identify new projects proposals
- **Social dialogue** and tripartite agreements to base transition on consensus
  - Coal-fire plants companies committed to attract new investments
  - Early retirement, training and employability enhancement for redundant workers
- **Renewable energy tenders** in Just Transition nodes, prioritizing (green) employment creation and local business development.
- **Employment services**, skills and re-skills programme for green jobs
- **Carbon pricing mechanism** to finance just transition programmes



**THANK YOU!**



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