



Interreg

CENTRAL EUROPE



European Union  
European Regional  
Development Fund

PROSPECT2030



TAKING  
**COOPERATION**  
FORWARD



Macroregional cooperation on promoting green economic transition

Online | 7 December 2021



**Results of PROSPECT2030 project, role of macro-regional strategies in the Southern Great Plain Region**



Károly Oelberg | AACM Central Europe |

# CONTENTS



Objectives

Project  
Partners and  
funding

Project  
structure

Green transition  
in the Southern  
Great Plan  
Region

Macroregional  
context



## Good governance at regional level for a better use of public funds!

- PROSPECT2030 project focuses on good governance as the key driver to unlock the energy transition towards a low-carbon economy.
- The key actors are regional public authorities.
- We need to raise awareness about the urgent need for regions to adopt climate mitigation actions: public funds are to help, but we need to use them wisely.
- A better understanding of the current situation with a critical look at what has been done in the 2014-20 period is the starting point for triggering policies that increase effectiveness of public funds planned beyond 2020.
- The ultimate goal is to pave the way for the creation of sustainable energy regions with a higher share of renewable energy sources.



# PROJECT PARTNERS AND FUNDING



6 countries

10 Project Partners

9 Associated Partners

7 selected Target Regions

**PROSPECT2030**  
PROmoting regional Sustainable Policies on Energy and  
Climate change mitigation Towards 2030

This project is supported by the Interreg CENTRAL EUROPE  
Programme funded under the European Regional Development  
Fund.

[www.interreg-central.eu/prospect2030](http://www.interreg-central.eu/prospect2030)

	1.919.595,91	Project budget in EUR
	1.561.563,27	ERDF funding in EUR
	04.2019 - 09.2021	Project duration



POLITECNICO  
DI TORINO



TAKING COOPERATION FORWARD

# PARTNERS REGIONS



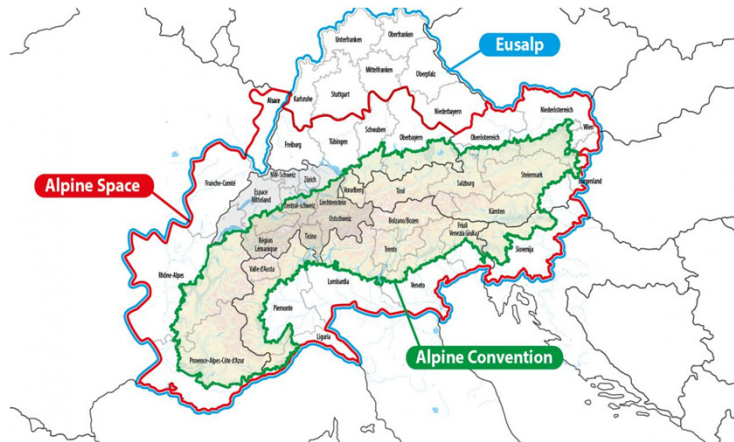
Partner Region	PP	NUTS level	Comment
Piemonte Region	LP	NUTS 2	NUTS 1: Northwest Italy
Mazovia Region	PP3	NUTS 1	Broken into two NUTS2 regions: - Warsaw Capital - Mazovia Region
Split and Dalmatia County	PP4	NUTS 3	NUTS 1: Croatia NUTS 2: Adriatic Croatia
Partner Region	PP	NUTS level	Comment
Friuli-Venezia Giulia Region	PP6	NUTS 2	NUTS 1: Northeast Italy
EcoEnergyland	PP7	N/a	NUTS 1: Eastern Austria NUTS2: Burgenland
Southern Great Plain Region	PP8	NUTS 2	NUTS 1: Great Plan and North
Saxony-Anhalt	PP9	NUTS 1	Further divided into NITS 3 regions





# PARTNERS REGIONS

**EUSALP**



**EUSAIR**



**EUSABR**



**EUSDR**



TAKING COOPERATION FORWARD

1. **WP: Project management**
2. **Thematic WP 1: Assessment of availability and use of public funds supporting climate change mitigation**
3. **Thematic WP 2: Energy Planning for low carbon economy transition**
4. **Thematic WP 3: Mutual learning process and replication**
5. **WP: Communication**





### OVERALL OUTPUT:

Policy concept and recommendations on the use of public funds for climate change mitigation

- at EU
- transnational
- national and
- regional levels.

Horizontal policy areas
Governance
Territorial coordination
Regional Energy Planning
Programming
Implementation
Monitoring
Ex-post evaluation
Energy data
Finance
Stakeholders' engagement
Awareness rising
Communication, networking
Best practice
Training, capacity building

Thematic policy areas
Energy efficiency - public sector
Energy efficiency - residential sector
Energy efficiency - SME sector
District heating systems
Renewable energy sources
Transport/e-mobility
Gas grid
Electric grid/smart grid
Energy storage
Energy communities
Research and development
Waste management/waste to energy



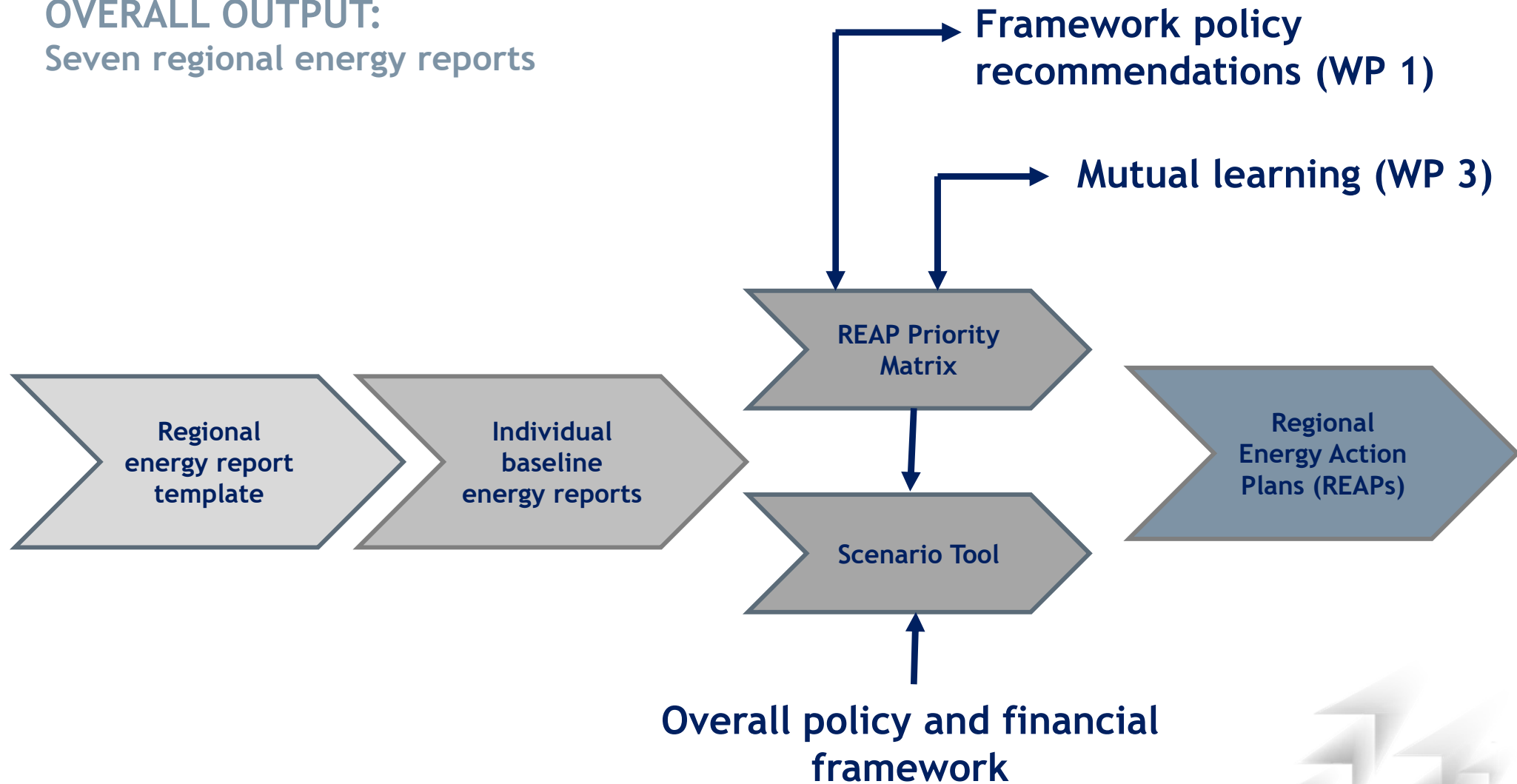


- Decentralised funds made available from the ESI Funds through the Partnership Agreements (national, sectoral or regional operative programmes)
- EU low-carbon initiatives (EFSI, ELENA, H 2020, Jessica, loan guarantee facilities and cooperation schemes with international financial institutions)
- National/federal funding schemes (grants, subsidized loans, feed in tariffs, building integrated RES schemes)
- Cooperation with private stakeholders (EPC, ESCO schemes, crowdfunding, venture capital, etc.)
- Other relevant EU initiatives (e.g. INTERREG)



#### OVERALL OUTPUT:

Seven regional energy reports



## OVERALL OUTPUTS:

- Training for further exploitation of project results
- Online training package

## KEY ACTIVITIES:

- Internal capacity building workshops
- Peer-to-peer learning sessions
- Replication workshops
- Online training package



## Southern Great Plain (NUTS 2 level)

### Counties (NUTS 3 level):

- Békés
- Csongrád
- Bács-Kiskun

Area: 18,337 km<sup>2</sup> (19.1%)

Population: 1,244,000 (12.7%)

Population density: 68 persons/km<sup>2</sup> (Hungary: 105)

### Major cities:

- Szeged (population: 162 600)
- Kecskemét (population: 159 600)
- Békéscsaba (population: 60 300)



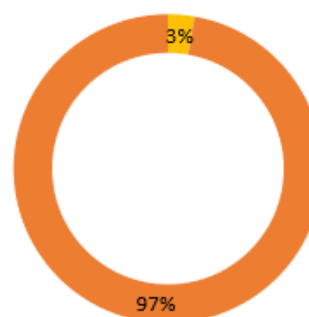
## Proposed priorities:

- Horizontal areas (climate awareness, strengthening policy dialogue)
- Institutional capacity building for regional energy/climate protection planning ("Regional Climate Agency")
- Energy efficiency (community, residential and farm buildings, community infrastructure)
- Utilization of renewable energy sources:
  - sustainable biomass management
  - solar energy
  - geothermal energy
- Electromobility
- Research and development, innovation



Baseline overview 2016	Final energy demand (MWh)	Share	Primary energy demand (MWh)	Share	Carbon emission (t/a)	Share
Agriculture, forestry and fishing	1 766 162	8,0%	2 193 179	7,6%	413 297	9,2%
Industry (without construction), energy, water sewage etc	4 253 286	19,3%	6 457 917	22,3%	984 691	21,9%
Construction	305 766	1,4%	380 780	1,3%	76 344	1,7%
Transport	4 436 461	20,1%	4 997 996	17,3%	1 159 220	25,8%
Services	2 059 105	9,4%	3 059 722	10,6%	447 671	9,9%
Residential	9 199 101	41,8%	11 864 500	41,0%	1 418 549	31,5%
<b>Total</b>	<b>22 019 881</b>	<b>100,0%</b>	<b>28 954 094</b>	<b>100,0%</b>	<b>4 499 772</b>	<b>100,0%</b>

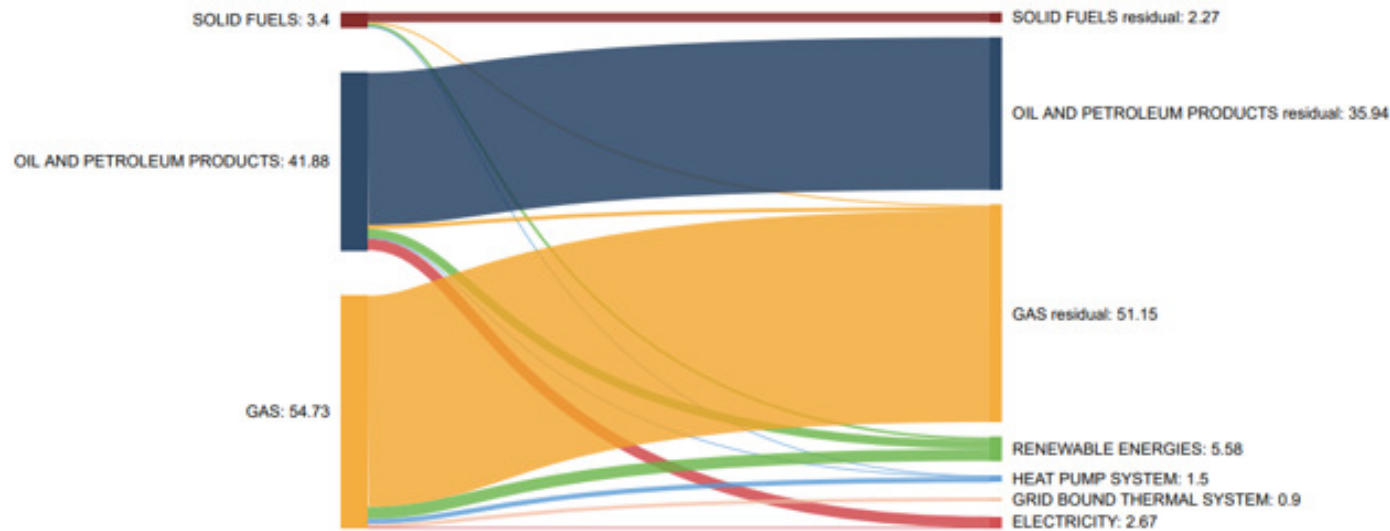
Supply baseline



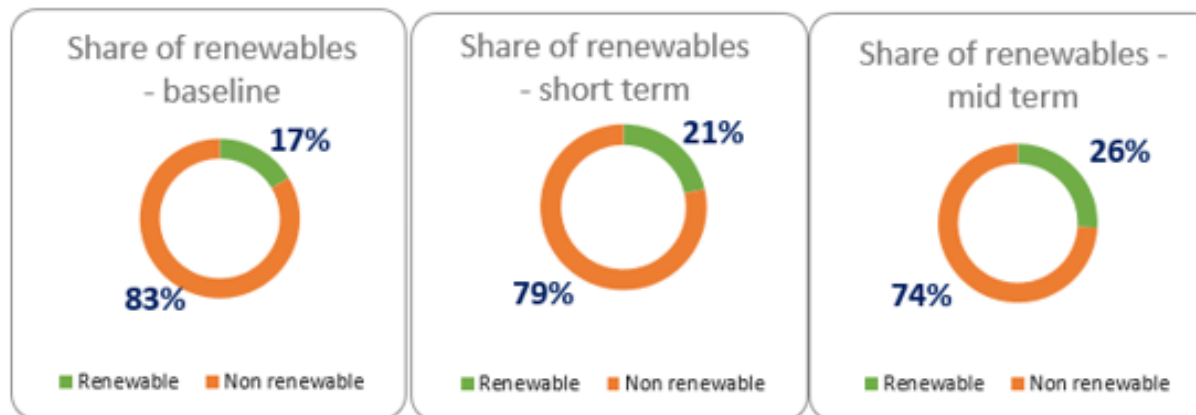
■ Internal generation ■ Import







Fossil shift in SGP by 2030



short term: until 2030  
mid term: until 2040



## Priority Area 1: A SMARTER DANUBE REGION

- Developing and enhancing research and innovation capacities and the uptake of advanced technologies;
- Developing skills for smart specialisation, industrial transition and entrepreneurship

## Priority Area 2: A GREENER, LOW-CARBON DANUBE REGION

- Promoting renewable energy;
- Promoting climate change adaptation, and disaster risk prevention, resilience, taking into account ecosystem-based approaches;
- Promoting access to water and sustainable water management;
- Enhancing protection and preservation of nature, biodiversity and green infrastructure including in urban areas, and reducing all forms of pollution.

## Priority Area 3: A MORE SOCIAL DANUBE REGION

- Enhancing the effectiveness and inclusiveness of labour markets and access to high quality employment through developing social infrastructure and promoting social economy;
- Improving equal access to inclusive and quality services in education, training and lifelong learning through developing infrastructure, including by fostering resilience for distance and online education and training;
- Enhancing the role of culture and sustainable tourism in economic development, social inclusion and social innovation

## Priority Area 4: A BETTER COOPERATION GOVERNANCE IN THE DANUBE REGION

- Enhancing institutional capacity of public authorities and stakeholders to implement macro-regional strategies and sea-basin strategies, as well as other territorial strategies.



# Danube Region recommendations

- Increase the social participation in decision-making processes
- Strengthening regional green governance at NUTS 2 level
- Development of Energy Communities
- Horizontal issues
  - promotion of local energy and climate planning (SECAPs) according to methodology of the Covenant of Mayors.



Thank you for your attention!



# Questions and answers

