



EUCF
European City Facility

Support to cities and municipalities in
mobilising sustainable energy investments



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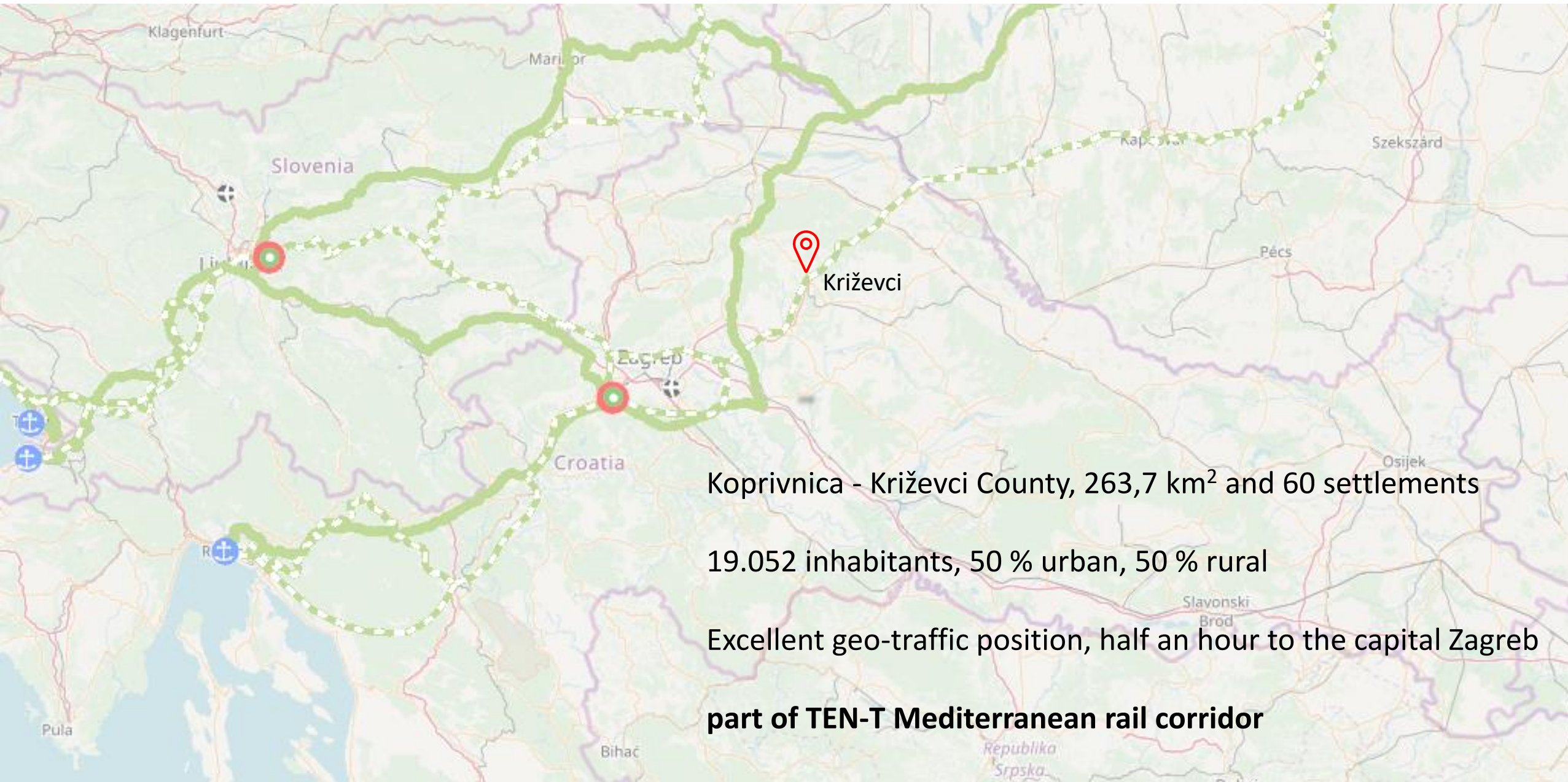
Investment concept - EUCEF

Solar power plant Križevci and intermodal terminal

experiences and challenges



Petra Pomper
City of Križevci



Koprivnica - Križevci County, 263,7 km² and 60 settlements

19.052 inhabitants, 50 % urban, 50 % rural

Excellent geo-traffic position, half an hour to the capital Zagreb

part of TEN-T Mediterranean rail corridor

What is our main goal?

Use locally available energy sources and enable that the community benefits from it.



Experiences, challenges, issues,.....

- big project (55,7 mil €) – lack of other big projects in Croatia to learn from them (content of IC, measures, etc)
- lack of adqeuate staff that will develop IC -> outsourcing (KLIK)
- Ukranian crisis – energy crisis, inflation
- total planned investment went high



Križevci - Tvoje prirodno okruženje

.....opportunities and lessons learned

- intermodal terminal is a part of the development agreement for northern Croatia (2021)
- solar power plant – crowdfunding/crowdinvesting
- production of green hydrogen – a lot of questions, new technology, cost-effective analysis
- public transport – electric or hydrogen?
- green jobs and better quality of life (traffic outside the city centre, reduction of noise and emissions)

HRK 15.2 bn development agreement for northern Croatia signed in Varaždin



A HRK 15.2 billion development agreement for the north of Croatia was signed in Varaždin on Monday, with speakers at the event saying that support to investments

Mjesto koje će rasti i u kojem je lijepo odrasti

Thank you for
your attention!

Petra Pomper

*Energy efficiency, environmental
protection and Spatial Planning
Advisor*

petra.pomper@krizevci.hr

Tvoje prirodno okruženje



Križevci



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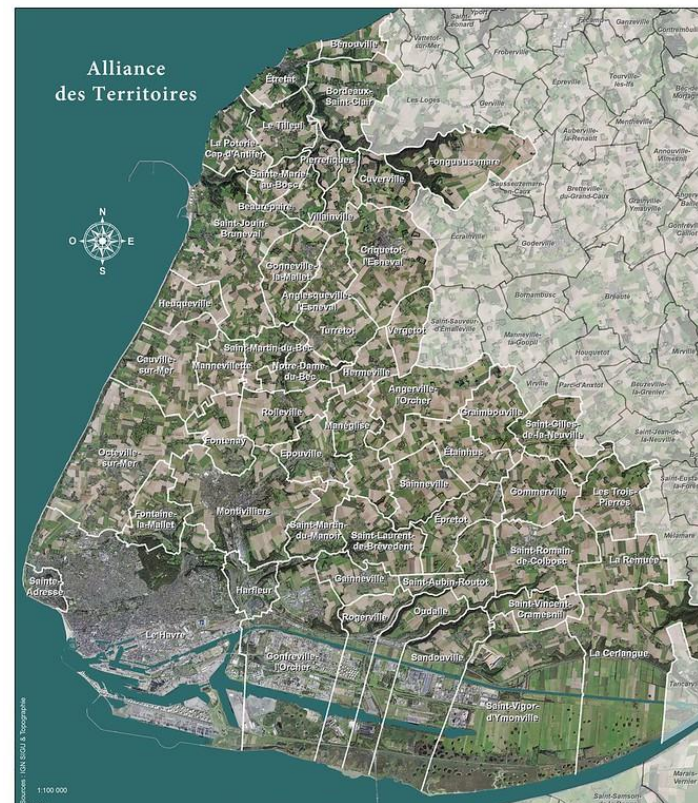
25/10/2023

Communauté urbaine Le Havre Seine Métropole

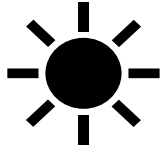
Region : Normandie

Department : Seine-Maritime

Commune : 54



EUCF investment concept: « Consciously developed photovoltaic »



Develop solar energy on public patrimony :
Roof, shade house, wastelands.



Objectif :

- ✓ Reduce carbon emissions
- ✓ Produce local energy
- ✓ Create local and green economy
- ✓ Exemplar projects



Grant 60 000€ - 1 year

Study

- Solar potential analysis
 - Legal analysis
 - Financial analysis
 - Charter for exemplary projects
- Selection of projects financially stable and profitable for the environment

Study conclusion

325 production units – 95 GWh/y – 110 195 791€



Public patrimony
- Wasteland: 6
- Shade house: 14
- Roof: 305



Investors
- Private
- Public
- Citizen

2% of territory consumption

Increase of 41% sustainable energy production

After EUFC

- Finalization of climate plan and energy master plan.
- Creation of financial structure called SEMASER (semi-public company)
- Territorial animation
- Identification of project localization



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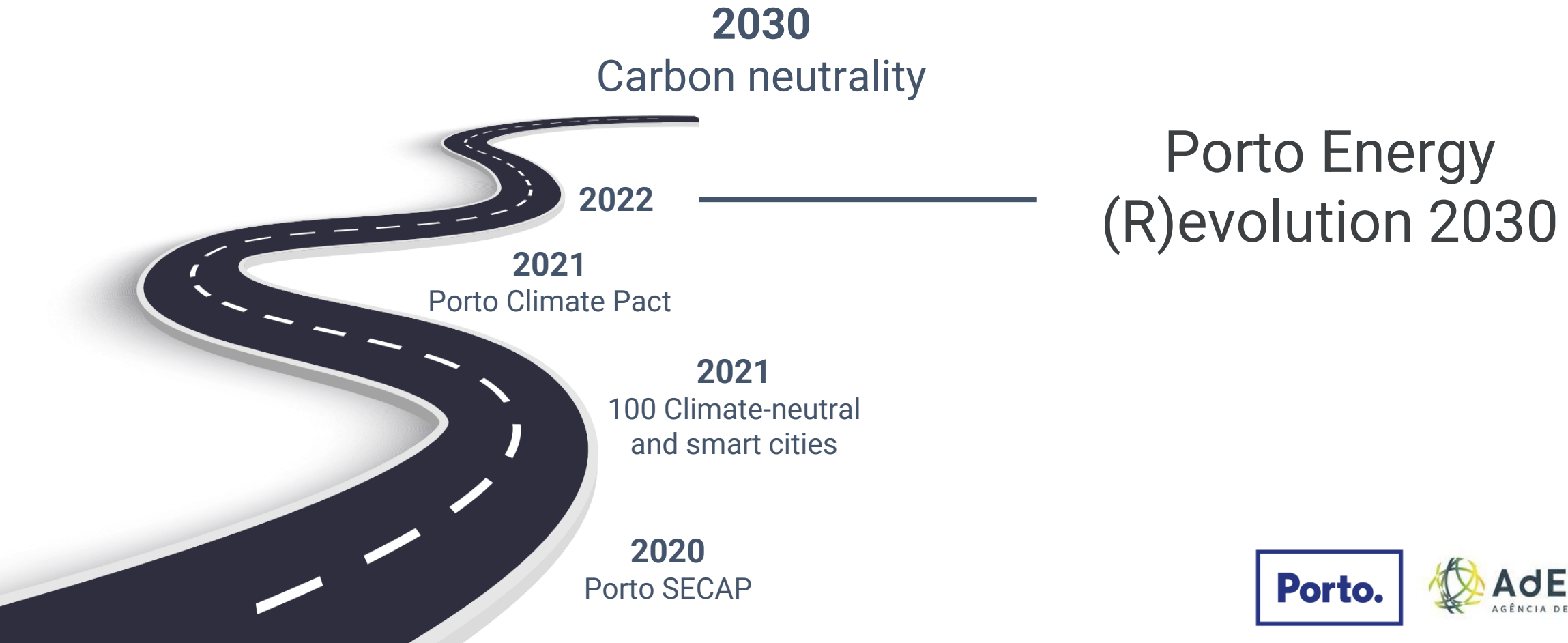



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Porto Energy (R)evolution 2030
The bold Investment Concept of Porto

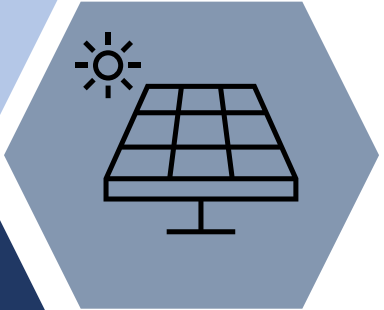




Buildings: Renovation of 128 municipal buildings (e.g., administrative, schools, etc.) + 3900 social housing dwellings



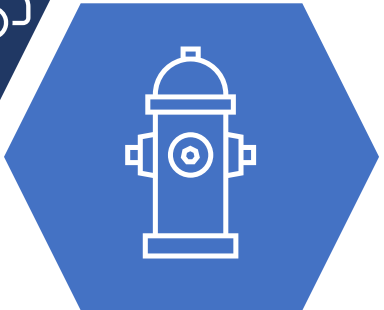
Street lighting: Replacement of 26,000 bulbs by LED



Renewable energy production: Installation of 9,8 MWp of PV capacity in municipal buildings, social housing neighborhoods and water supply facilities



Mobility: Municipal fleet 100% electric + 6 km of cyclable lanes + 100 EV charging points



Sustainable water management: Production of biogas in water treatment facilities + innovative pumping (compressed air solutions)



35,379 tCO₂eq/year
GHG emissions



87 GWh/year
Energy savings



32 GWh/year
Renewable production

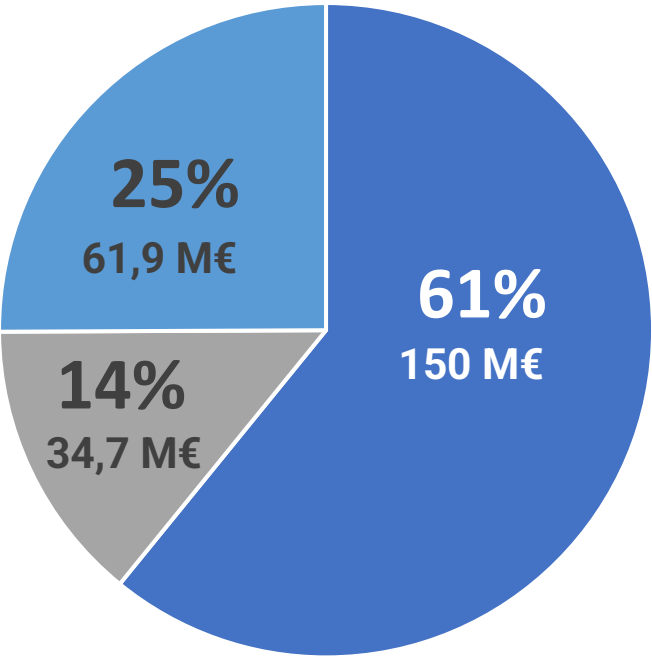
Energy poverty
mitigation

**Decarbonization
and resilience**
Of the territory

Local jobs
promotion

Funding sources

Where does the investment come from?



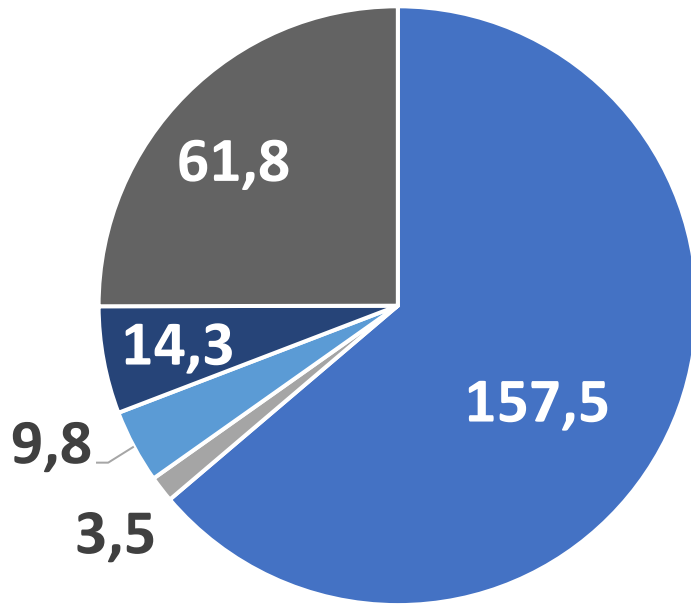
- Requested funding
- Own funding
- Other sources
 - Energy Performance Contracts
 - PPAs
 - Operational leasing

246 858 685 €

Total investment

Investment per activity (M€)

Where does the investment goes to?



- Buildings
- Street lighting
- Renewable energy production
- Mobility
- Sustainable water management

Building renovation

Renewable energy production

Mobility

Sustainable water management

Águas do Porto e Portgás estudam viabilidade de conversão do biogás em biometano nas ETAR

Thank you!

Rui Pimenta

Executive Member of the Board
AdEPorto – Porto Energy Agency

info@adeporto.eu

ruipimenta@adeporto.eu

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New possibilities

- **Call 6, open from 15 January to 15 March 2024**
- Call 7, end of 2024 (dates to be confirmed)

Sign up for call alert 

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