

18th EUROPEAN WEEK of REGIONS and CITIES

05>09 OCTOBER 2020

12>16 OCTOBER 2020

19>22 OCTOBER 2020

#EURegionsWeek

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**18th EUROPEAN WEEK of
REGIONS and CITIES**

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Identifying cross-border functional areas

Conceptual background, empirical evidence and policy implications

This presentation contains preliminary results of the study "Identifying Cross-border Functional Areas: Conceptual background, empirical evidence and policy implications"

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How do we define Cross-border Functional Areas?

Functional areas are usually understood according to two following meanings (CEMAT 2017):

- territory that cluster around node (urban center) and concentrate systemic relations (i.e. metropolitan areas, labor market catchment areas)
- territories delineated according to some defining criteria (one or more), that determine the cohesion and nature of internal and external interactions

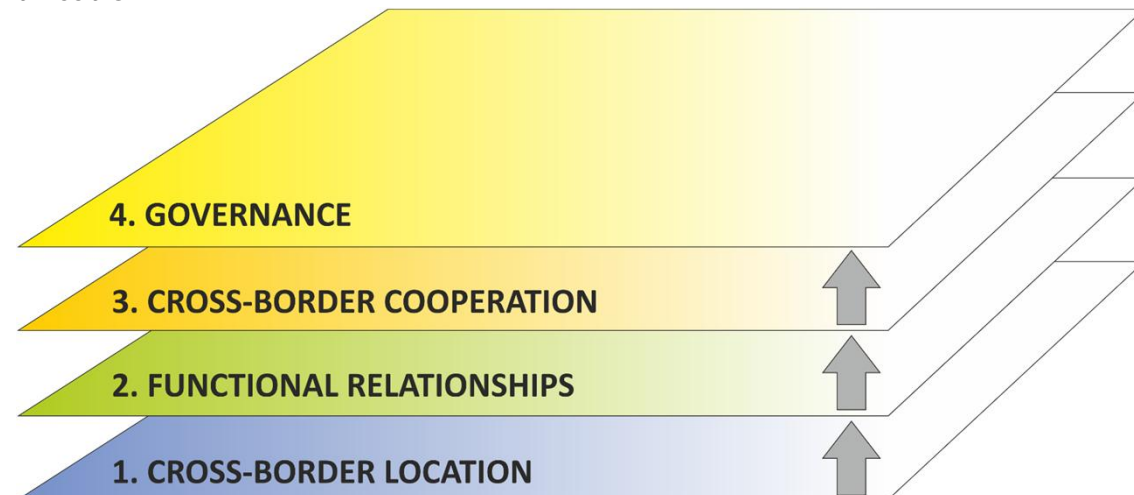
Cross-border Functional Area (CBFA) is a spatially specific territorial complex not defined by the administrative borders located on two (or more) sides of the state border characterized by:

- functional relationships resulting from common and/or integrating spatial and socio-economic features,
- system of cooperative relationships of various stakeholders,
- existence of the governance mechanisms, resulting from a common goal and solving common problems or capitalizing on local potential.



How do we identify Cross-border Functional Areas?

A four-level approach for the identification
of Cross-border Functional Areas
(conceptual framework)



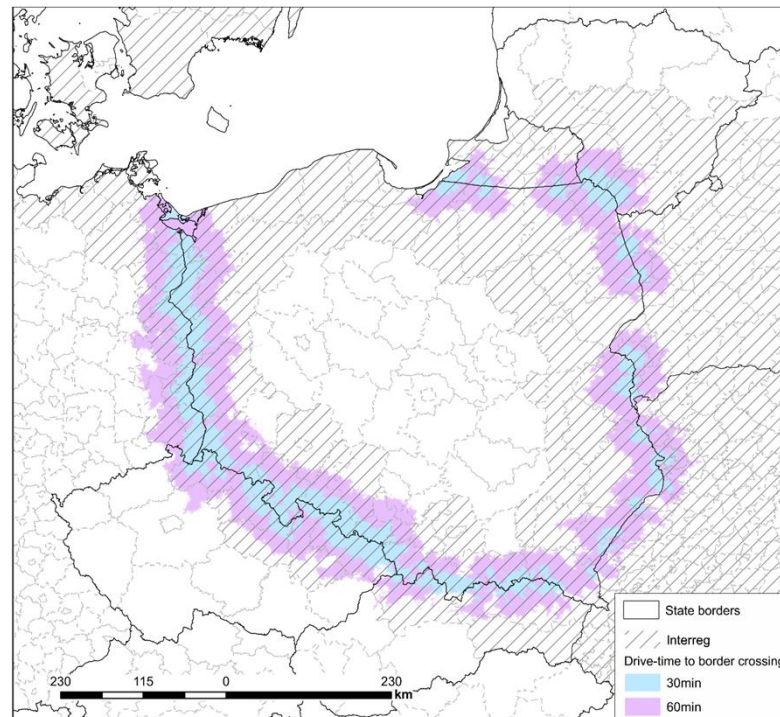
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1. Cross-border location



Source: Own elaboration. ArcGIS software. © EuroGeographics for the administrative boundaries.

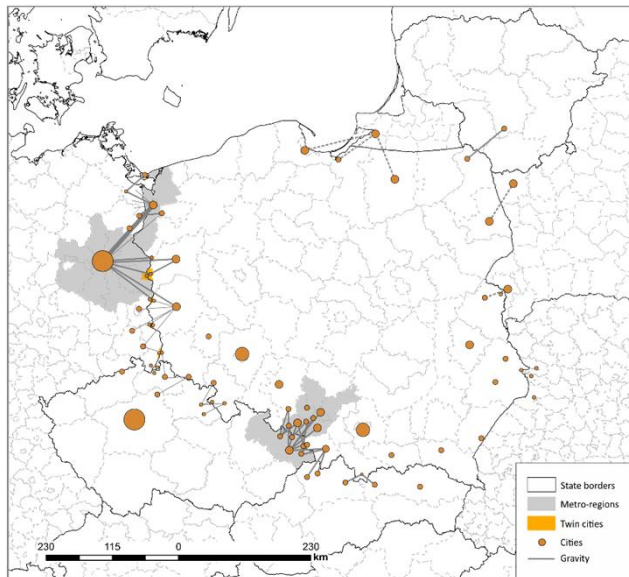


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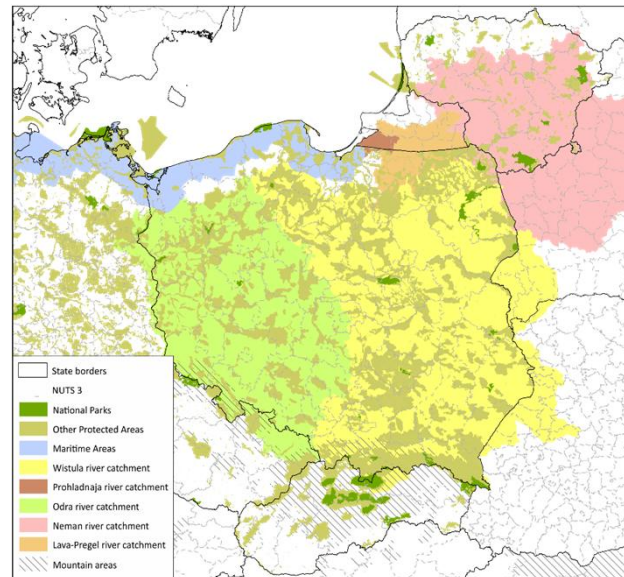


2. Functional Relationships

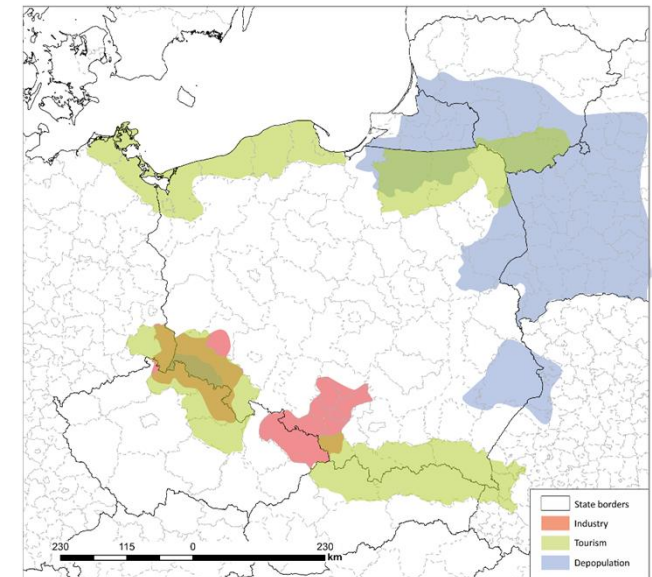
functional criteria



Areas designated according to:
geographical criteria



socio-economic criteria



Source: Own elaboration on the basis of: Czech Statistical Office 2020, Destatis 2020, EEA 2020, Espo Database 2020, Espo 2018, Espo 2019, Espo 2020a, Espo 2020b, Eurostat 2020, Federal State Statistic Service 2020, National Statistical Committee of the Republic of Belarus 2020, State Statistics Service of Ukraine 2020, Statistical Office of the Slovak Republic 2020, Statistics Lithuania 2020, Statistics Poland 2020, UNECE 2018.



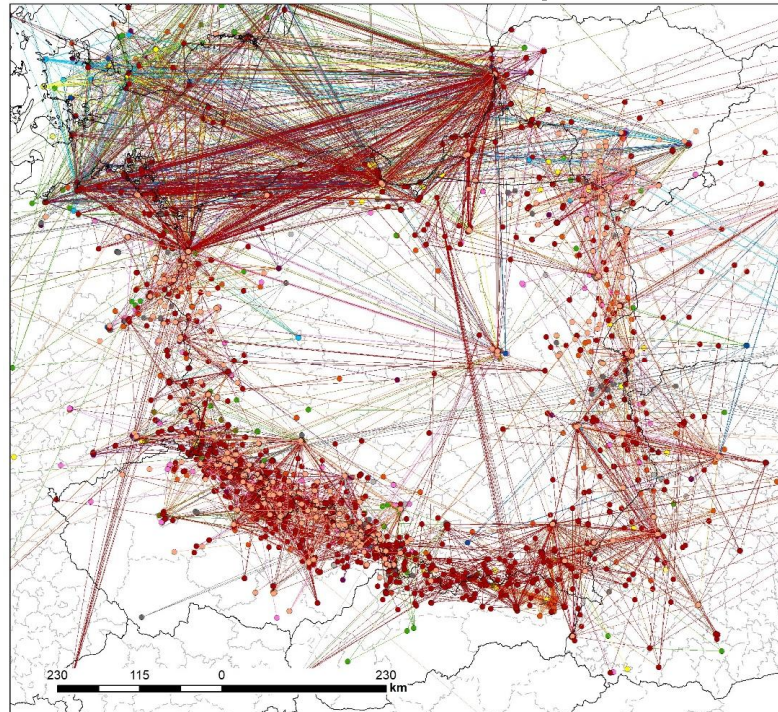
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3. Cross-border Cooperation



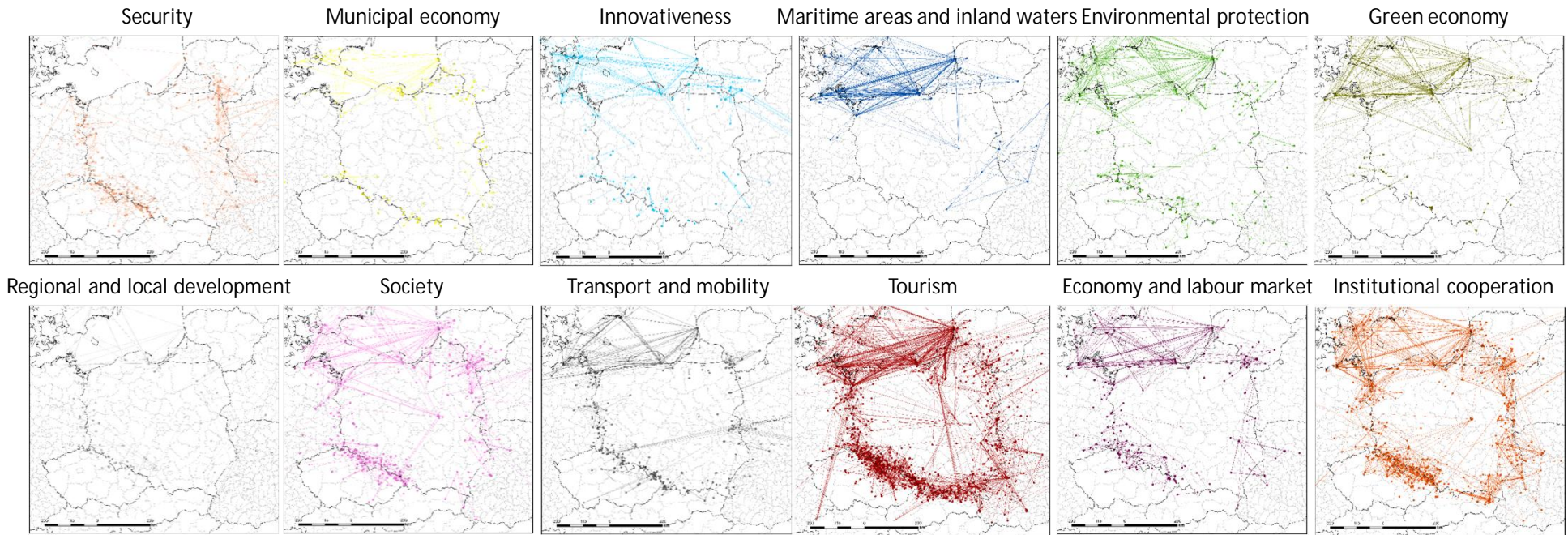
Source: Own elaboration on the basis of keep.eu. © EuroGeographics for the administrative boundaries.



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3. Cross-border Cooperation



Source: Own elaboration on the basis of keep.eu. © EuroGeographics for the administrative boundaries.

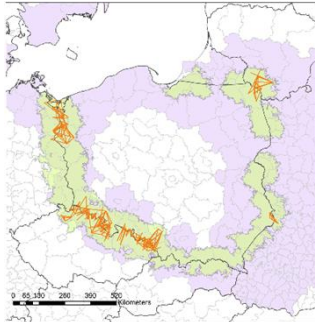


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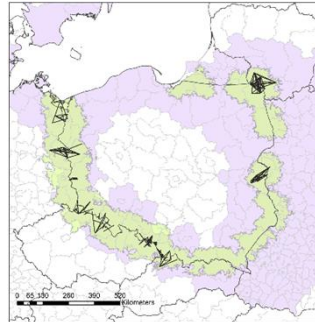


3. Cross-border Cooperation

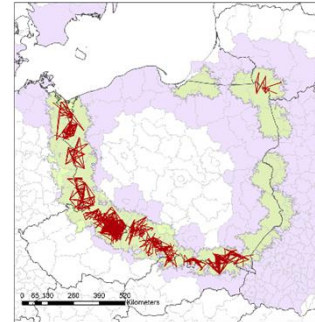
Institutional cooperation



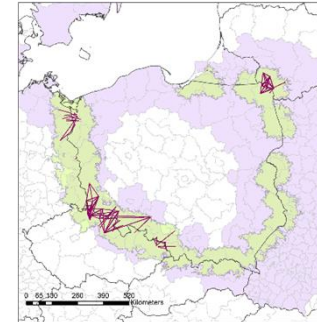
Transport and mobility



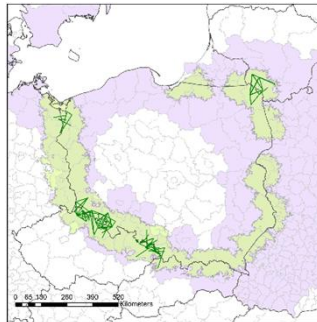
Tourism



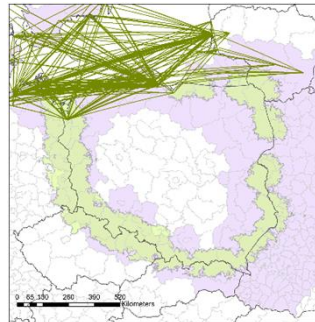
Society



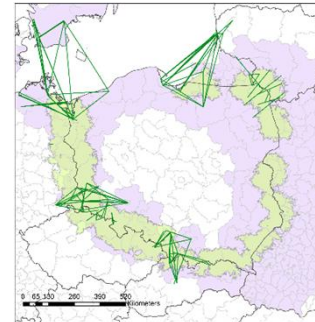
Economy and labour market



Maritime areas



Environmental protection



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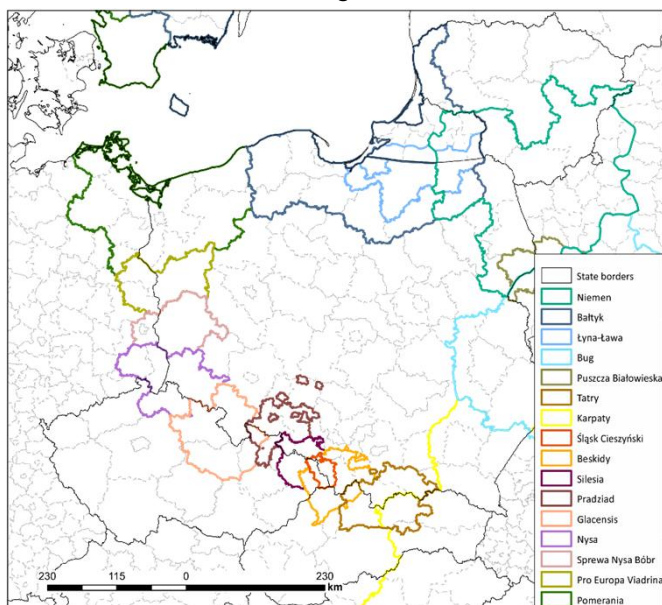


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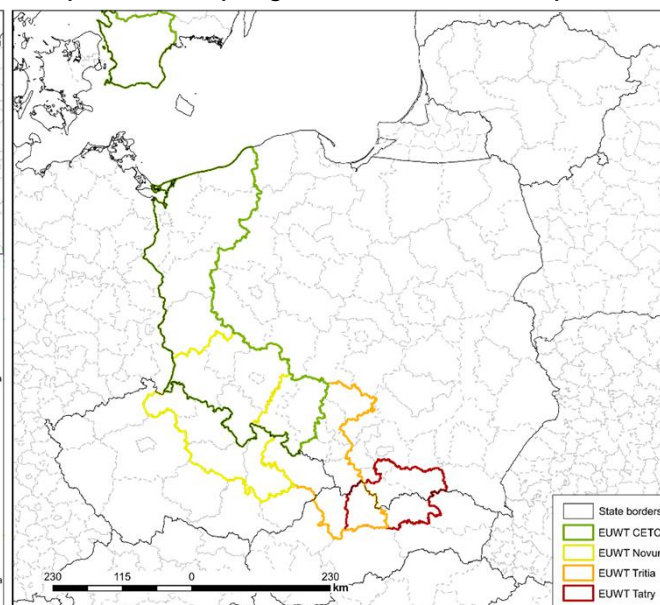
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4. Governance

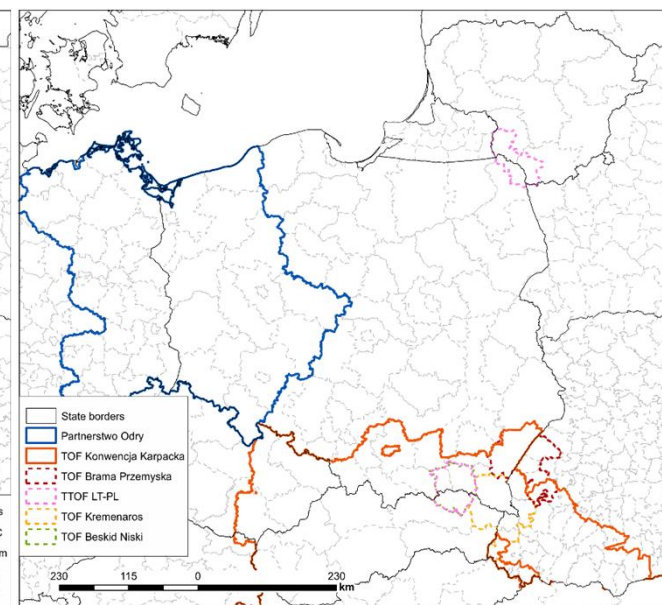
Euroregions



European Groupings of Territorial Cooperation



Other entities



Source: Own elaboration. © EuroGeographics for the administrative boundaries.



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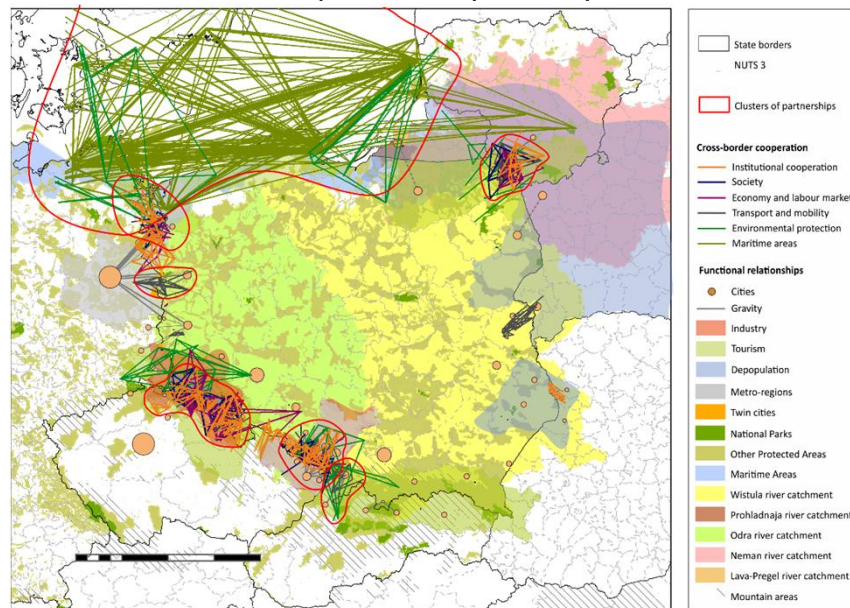


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(GOSPODARSTWO PRZESTRZENNEJ)



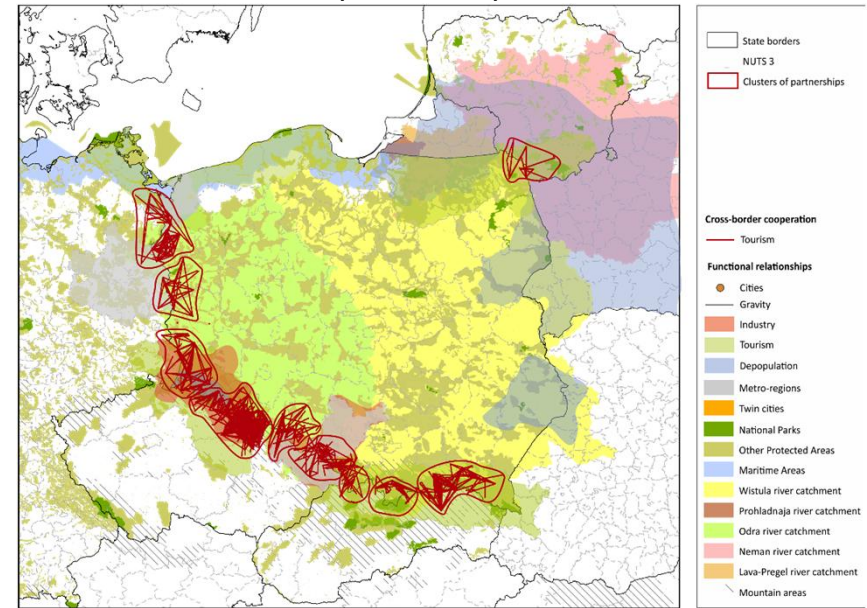
Preliminary results (1)

Clusters of partnerships (complex)



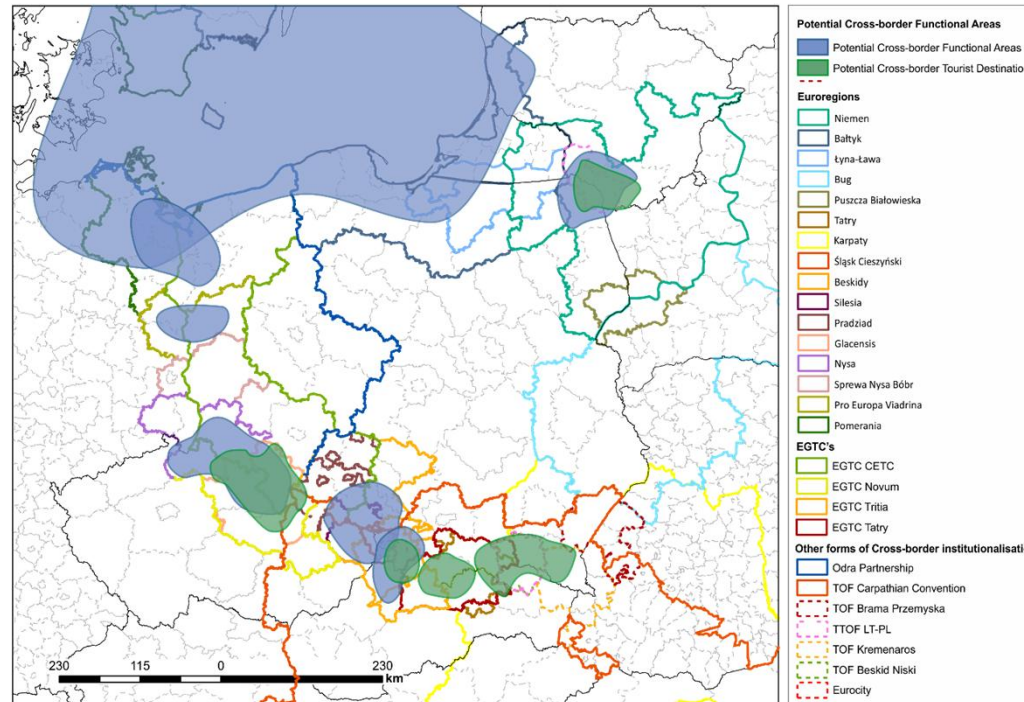
Source: Own elaboration on the basis of keep.eu. © EuroGeographics for the administrative boundaries.

Clusters of partnerships (tourism)



Preliminary results (2)

Potential Cross-border Functional Areas



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Sources:

- CEMAT. 2017. "Functional Areas in Member States of the Council of Europe. Preparatory Study for the 17th Session of the Council of Europe Conference of Ministers Responsible for Spatial Planning (CEMAT)." Bucharest: Ministerul Dez-voltarii Regionale, Administratiei Publice si Fondurilor Europene.
- Czech Statistical Office 2020, <https://www.czso.cz/csu/czso/home>.
- Destatis 2020, https://www.destatis.de/DE/Home/_inhalt.html.
- EEA 2020, European Environment Area, <https://www.eea.europa.eu/data-and-maps/data/nationally-designated-areas-national-cdda-15>.
- European Commission 2020, *Joint paper on Interreg NEXT Strategic Programming 2021 – 2027*, 2020.
- Keep.eu Database, www.keep.eu.
- Espon 2018, Espon Fuore - Functional Urban Areas and Regions in Europe, <https://www.espon.eu/sites/default/files/attachments/ESPON%20FUORE%20-%20Draft%20Final%20Report.pdf>.
- Espon 2019, Espon Bridges: Balanced Regional Development in areas with Geographic Specificities. Final Report, Version 02/10/2019.
- Espon 2020a, Land cover distribution by transnational mountain massif, <https://database.espon.eu/resource/1103/?fbclid=IwAR2cD-QIJEb050adA7QbGjmj2T-NS-1fElbBeHVOOCUK3HnixivOyvN8Thc>.
- Eurostat 2020b, Eurostat database, <https://ec.europa.eu/eurostat/data/database>.
- Eurostat/Gisco 2020, EuroGeographics for the administrative boundaries. <https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/administrative-units-statistical-units>.
- Federal State Statistic Service 2020, <https://eng.gks.ru/>.
- National Statistical Committee of the Republic of Belarus 2020, <https://www.belstat.gov.by/en/>.
- State Statistics Service of Ukraine 2020, <http://www.ukrstat.gov.ua/>.
- Statistical Office of the Slovak Republic 2020, <https://slovak.statistics.sk/>.
- Statistics Lithuania 2020, <https://www.stat.gov.lt/home>.
- Statistics Poland 20202, www.stat.gov.pl.
- UNECE 2018, PROGRESS ON TRANSBOUNDARY WATERCOOPERATION UNDER THE WATER CONVENTION. Report on implementation of the Convention on the Protection and Use of Transboundary Watercourses and International Lakes, https://www.unece.org/fileadmin/DAM/env/water/publications/WAT_51_report_on_the_Implementation/ece_mp.wat_51_web.pdf.

Software: ArcMap 10.8; ArcGis Online, QuantumGis 3.1



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