

Status of the Danube Region

Based on the Territorial Analysis
and the Territorial Strategy

Basis of the programming process:

- **Territorial Analysis:**
challenges of cohesion in DR



- transnational cooperation responses:
Territorial Strategy

In total:

- Elaborated analysis: 354
- Analysed document: 168
- Prepared maps & figures: 178
- Asked experts: 1833

Key findings of the evaluation – new conditions

- Joint actions in combating climate change;
- Need for cooperation in the development of circular economy;
- Re-bordering, re-emerging strict(er) border regimes;
- Emergence of smart cities;
- High growth potential hindered by labour shortage;
- Uncoordinated management of immigration to the region and emigration from the region;
- Intensifying labour migration from the eastern to the western part;
- Digitalization; Industry 4.0; need for (harmonised) smart specialisation strategies and policies;
- Need for e-governance and long-term territorial governance structures.

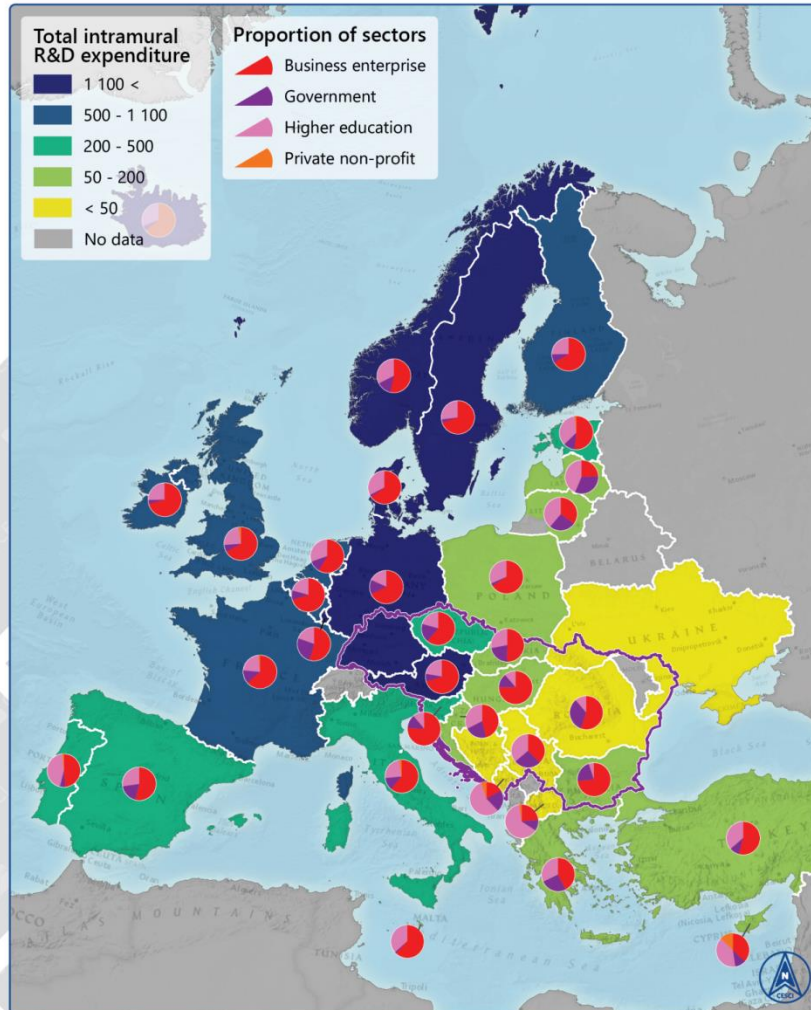
Key findings - main „Danubian“ trends & topics

- Shared water bodies and water catchment areas with transnational importance;
- Weak adaptation techniques to many effect of climate change (e.g. floods, fragmentising habitats);
- Region of borders (high density of borders, external and internal borders, Schengen borders), high negative border effects;
- Transition region (in relation to knowledge transfer and other business relations);
- Low population retention force, depopulation (low fertility, aging, outmigration) of eastern and rural regions in particular;
- Increasing urban-rural divide in many aspects of cohesion (functions, economic growth, education, labour market etc.)
- High share of labour-intensive, technology-follower areas;
- Heavy & strengthening internal migration (target and source areas);
- Energy dependency, lack of high energy safety and still missing interconnections;
- Weak social innovation performance, low level of inclusiveness considering vulnerable groups.

PO1 SO i. developing and enhancing research and innovation capacities and the uptake of advanced technologies



Intramural R&D expenditure (GERD) by sectors of performance in Europe, 2016



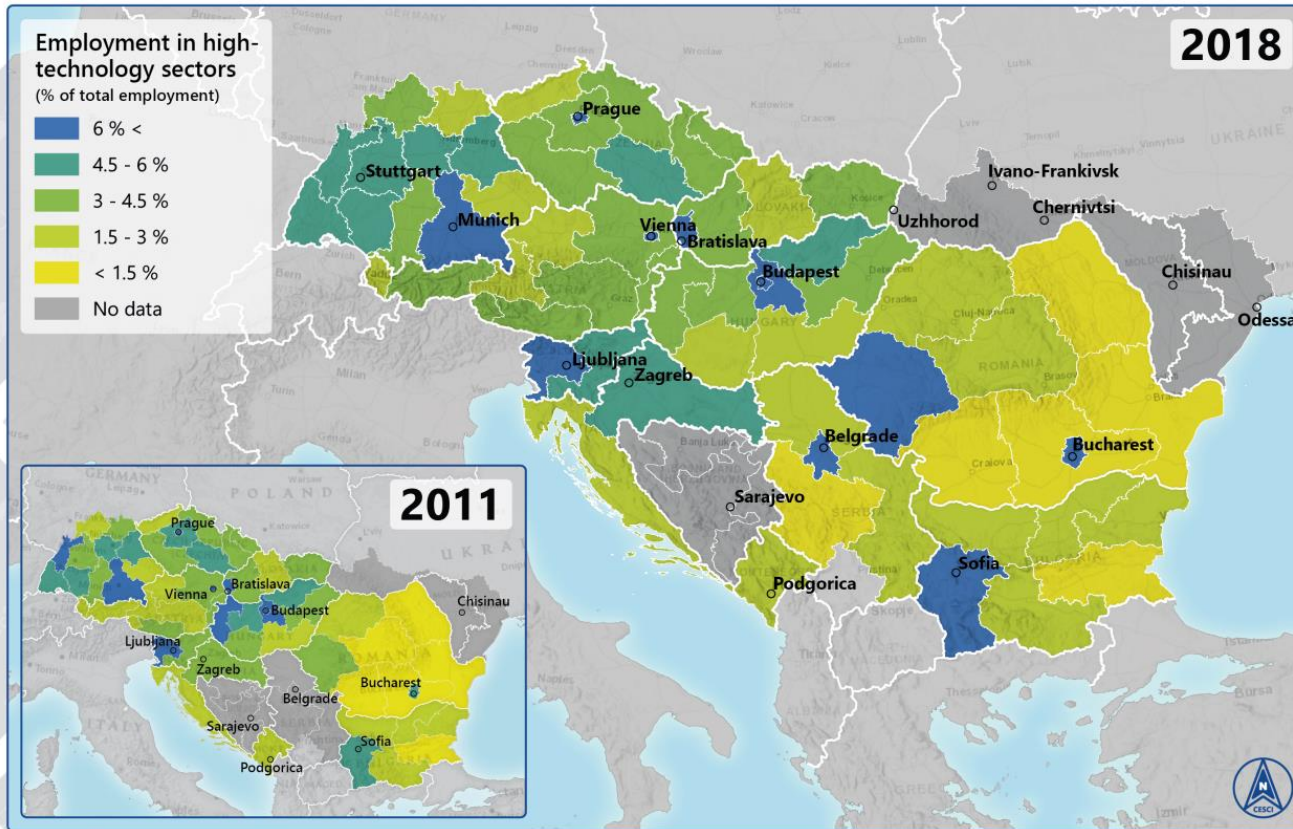
source: ESRI database, Eurostat, national statistical offices, data submitted by the members
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PO1 SO iv. Developing skills for smart specialisation, [just transition], industrial transition and entrepreneurship



Spatial distribution of employment in high-technology sectors in the Danube Region

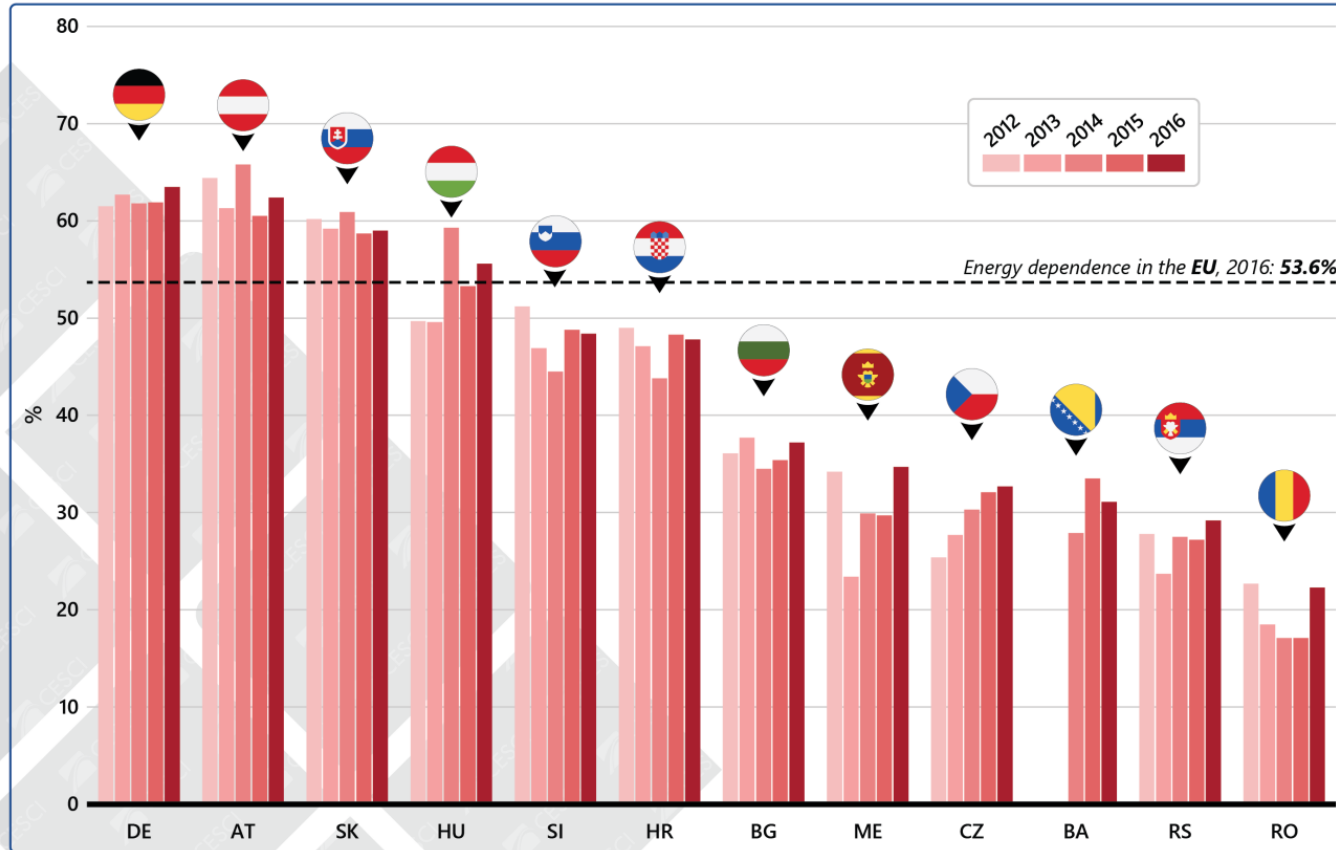


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PO2 SO ii. promoting renewable energy



Territorial differences in energy dependence in the Danube Region, 2012 - 2016



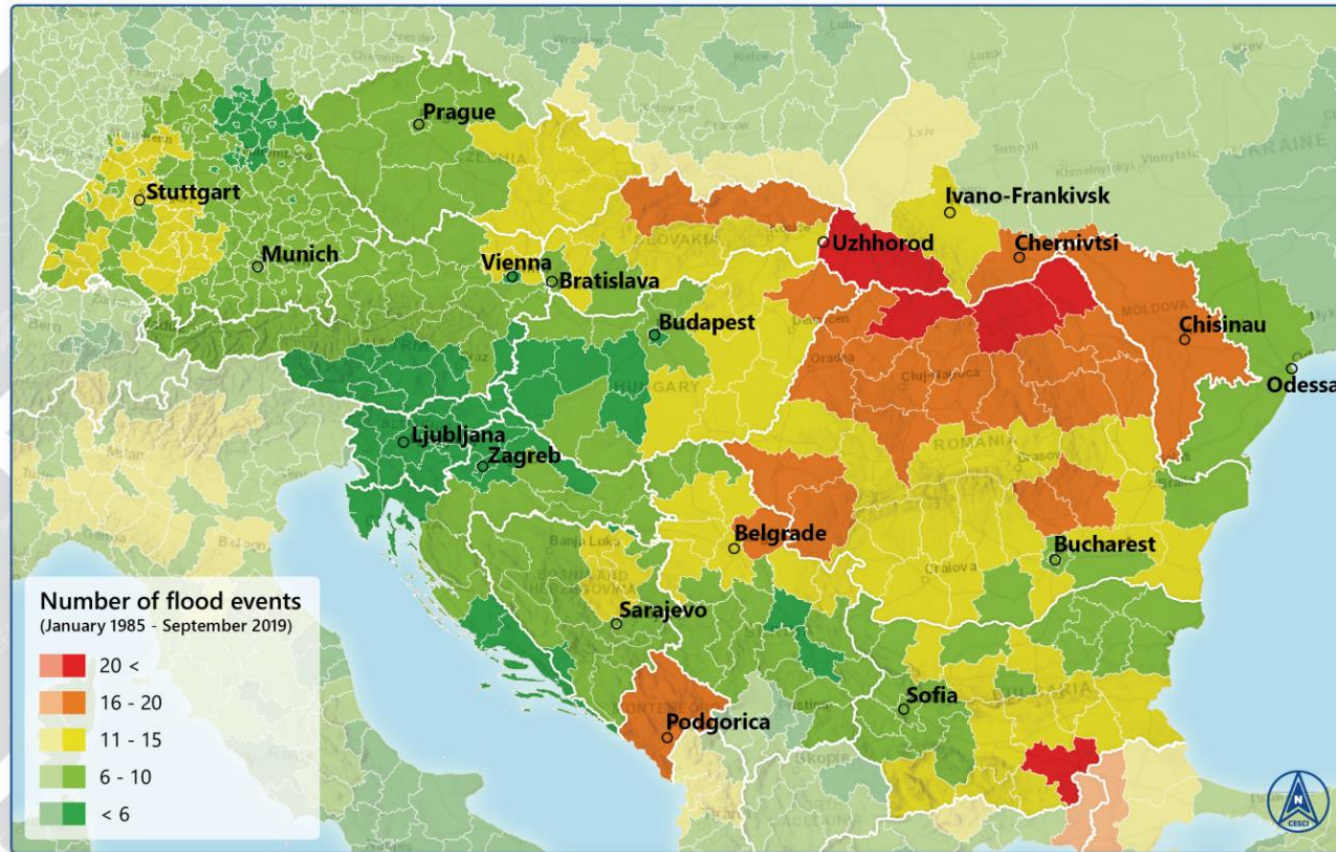
source: Eurostat
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In case of Germany data represents the whole country not just the regions affected by the Danube Region. In case of Moldova and Ukraine data is missing.

PO2 SO iv. promoting climate change adaptation, and disaster risk prevention, resilience, taking into account ecosystem-based approaches



Spatial distribution of **large floods** in the Danube Region



source: ESRI database, Global Active Archive of Large Flood Events (Dartmouth Flood Observatory)
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PO2 SO v. promoting access to water and sustainable water management



Chemical status of the rivers in the Danube River Basin, 2015



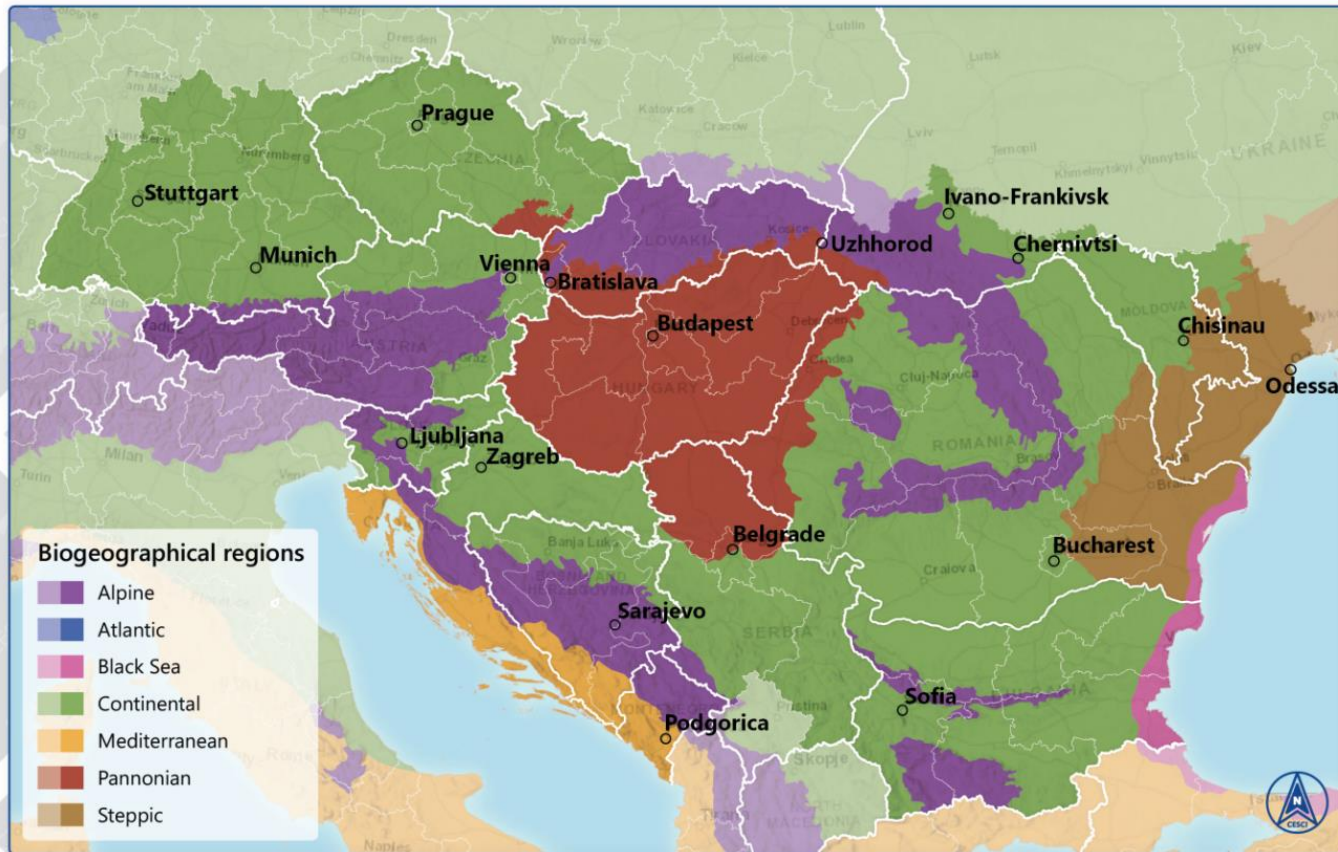
source: ESRI database, International Commission for the Protection of the Danube River
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PO2 SO vii. enhancing biodiversity, green infrastructure in the urban environment, and reducing pollution



Biogeographical regions in the Danube Region, 2016



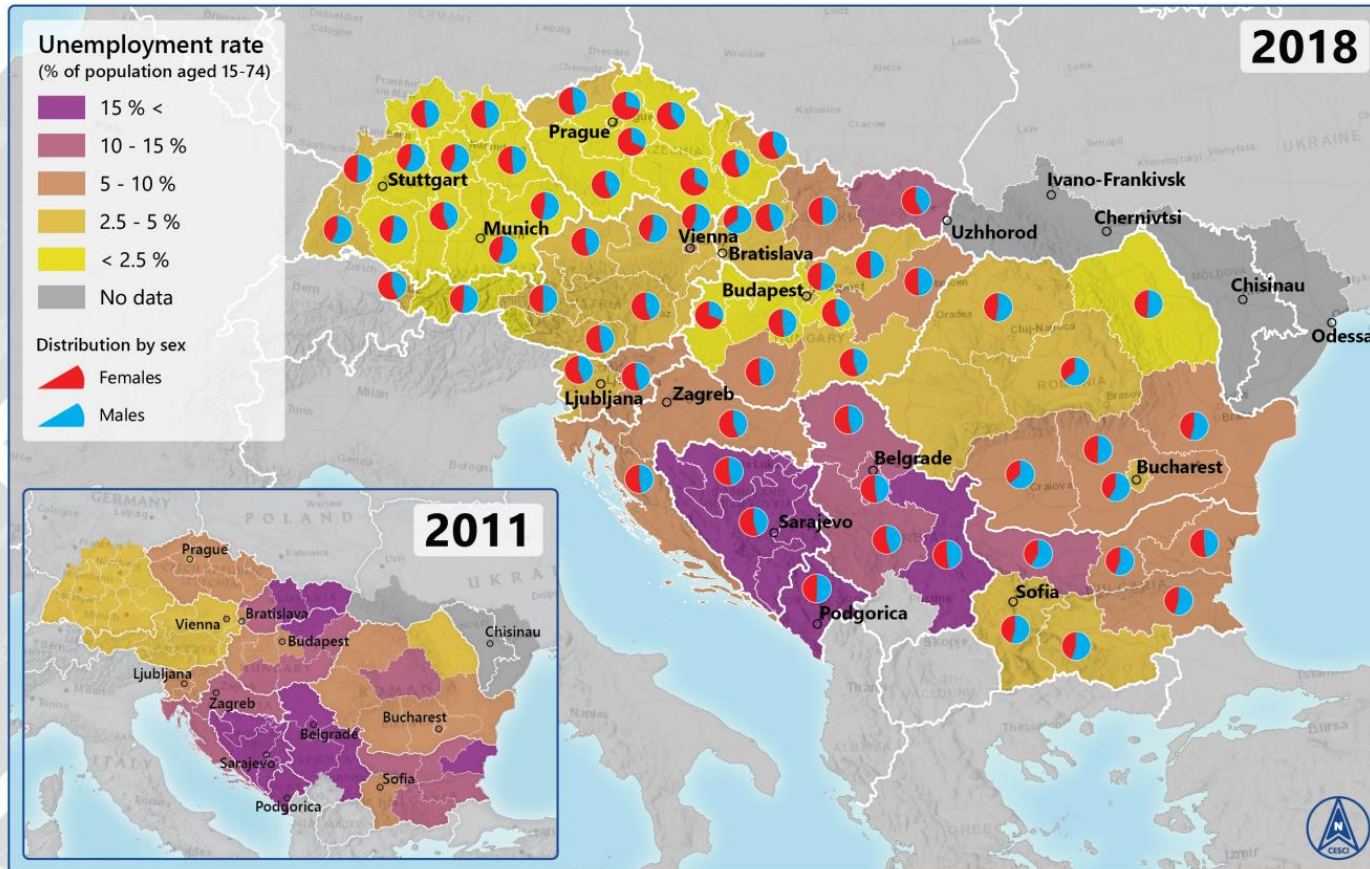
source: ESRI database, EEA
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PO4 SO i. enhancing the effectiveness and inclusiveness of labour markets and access to high quality employment through developing social infrastructure and promoting social economy



Spatial distribution of unemployment in the Danube Region

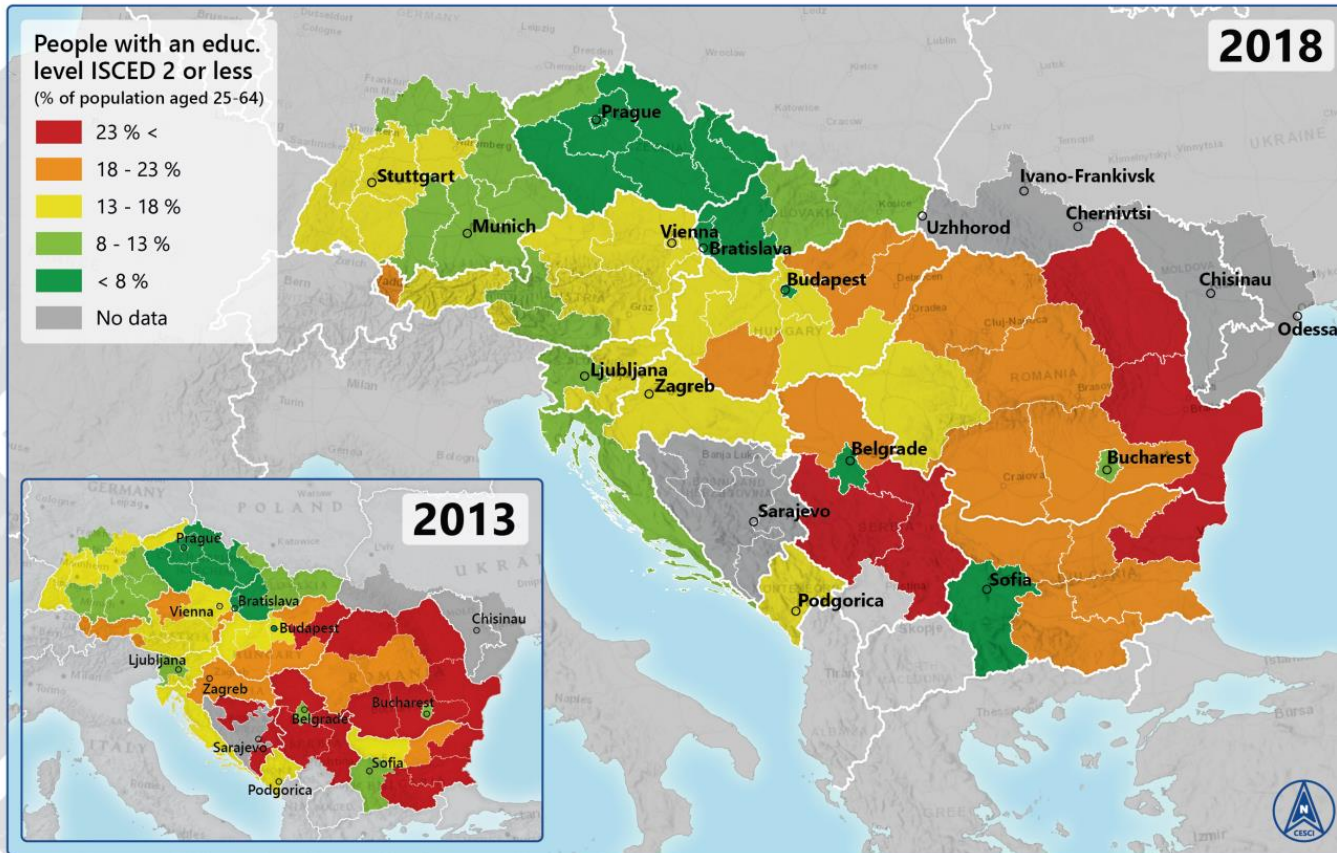


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PO4 SO ii. improving equal access to inclusive and quality services in education, training and lifelong learning through developing accessible infrastructure



Spatial distribution of people with **less than primary, primary and lower secondary education level** in the Danube Region

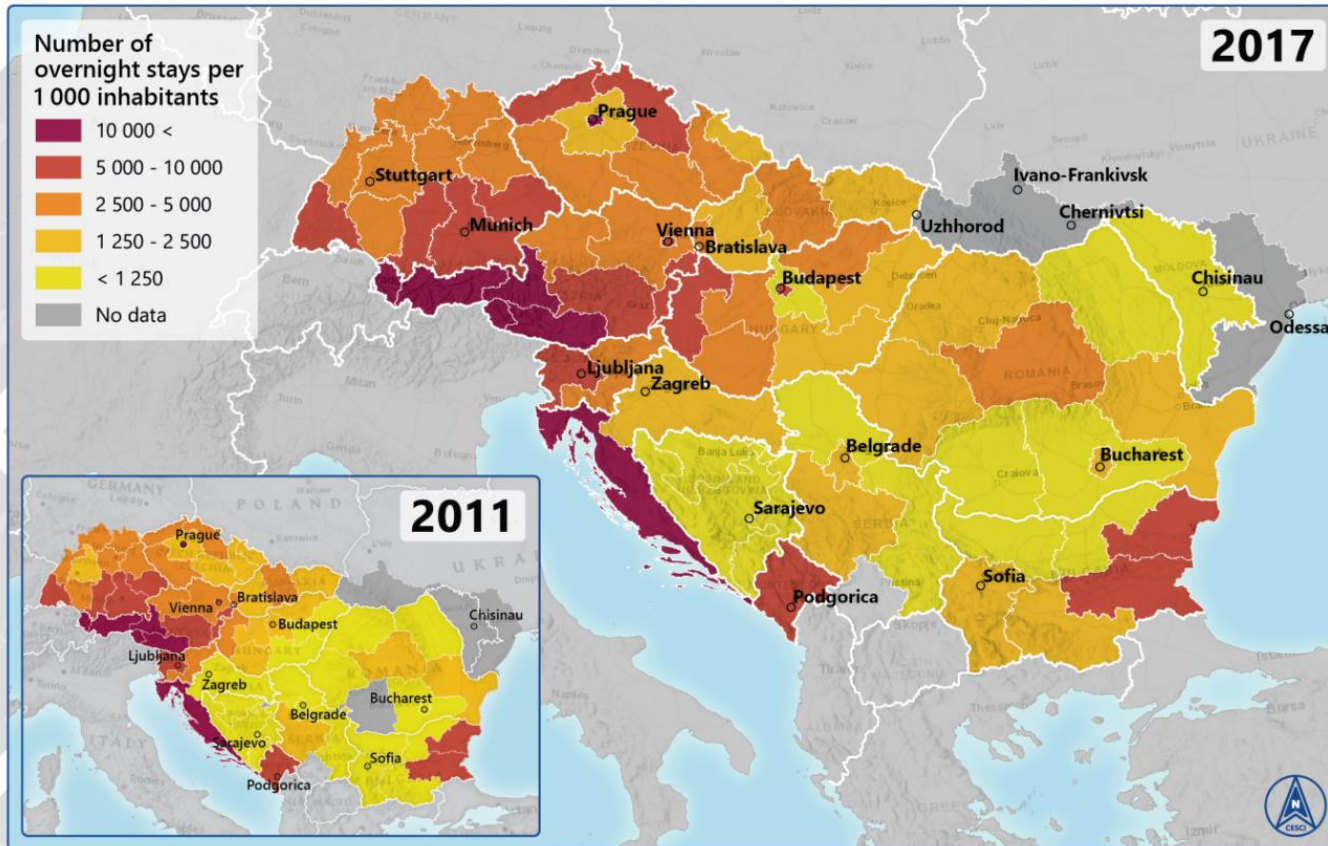


source: ESRI database, Eurostat, data submitted by the members
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PO4 SO v. enhancing the role of culture and tourism in economic development, social inclusion and social innovation



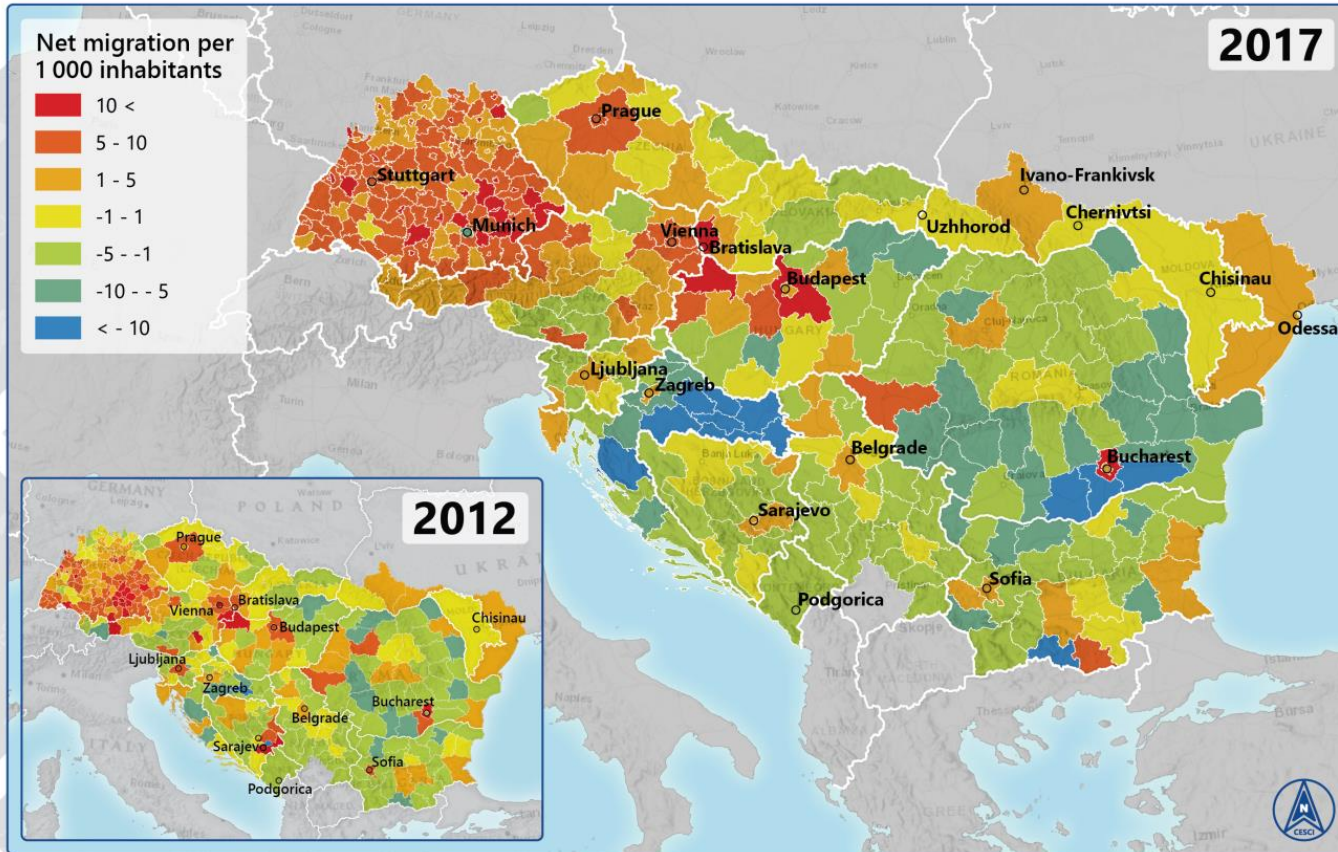
Spatial distribution of **overnight stays** in the Danube Region



ISO1 SO i. enhance institutional capacity of public authorities and stakeholders to implement macro-regional strategies and sea-basin strategies, as well as other territorial strategies



Spatial distribution of net migration in the Danube Region



Selected SOs are not covering all the transnational cohesion challenges of the DR, but all topic is relevant from the aspect of identified territorial challenges and supported from the side of important stakeholders, plus these are the most important elements of a cohesion focused Territorial Strategy.



Thank you for your attention!

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