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Inspire Policy Making with Territorial Evidence



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Bulgarian Presidency of the Council
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Low Carbon Economy – Lessons for Future Cohesion Policies

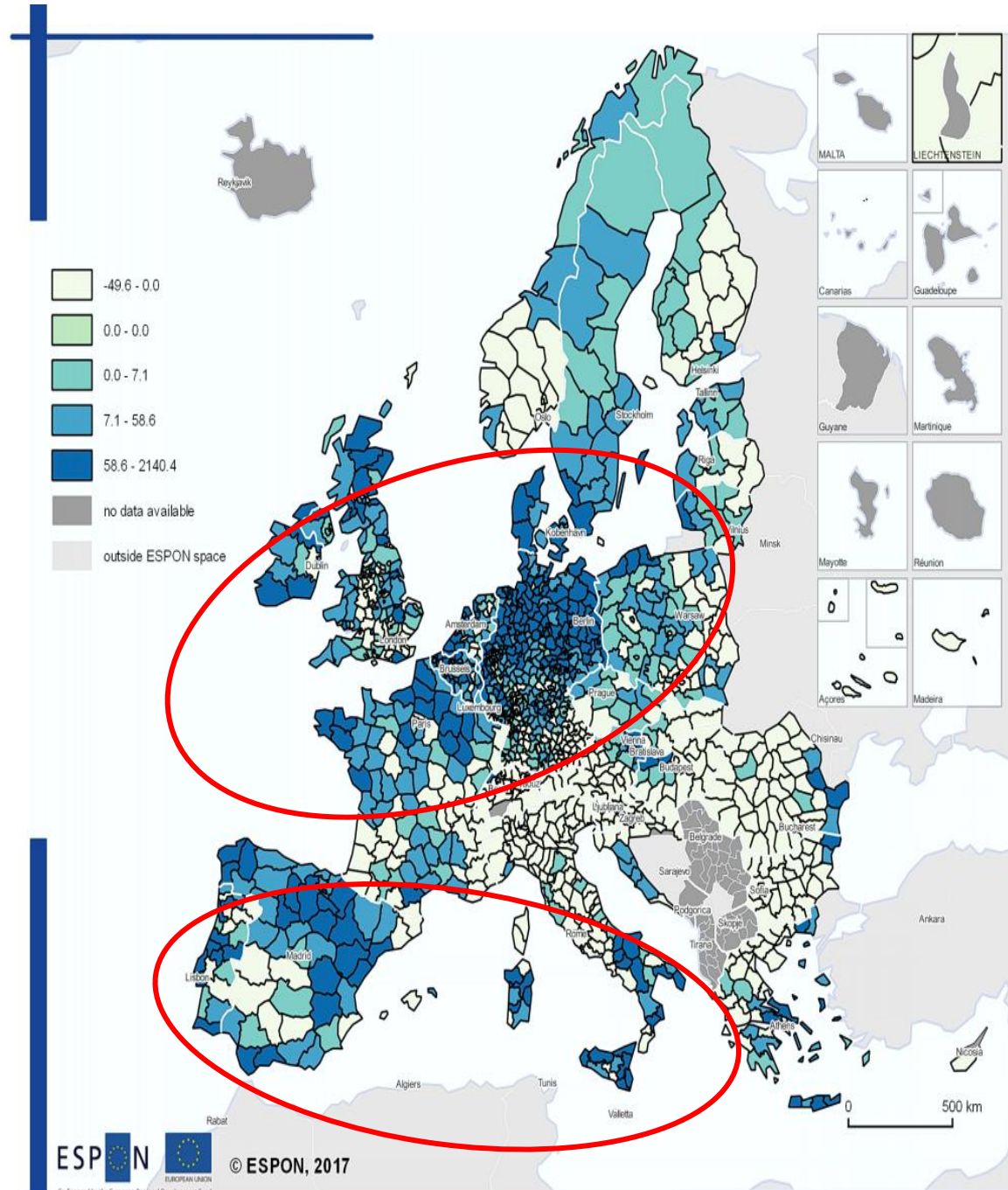
Sustainable regions: circular economy, energy transition and green infrastructure

B. Schuh, Ch. Schremmer, U. Mollay – OIR, lead partner ESPON LOCATE

Lessons from LOCATE I

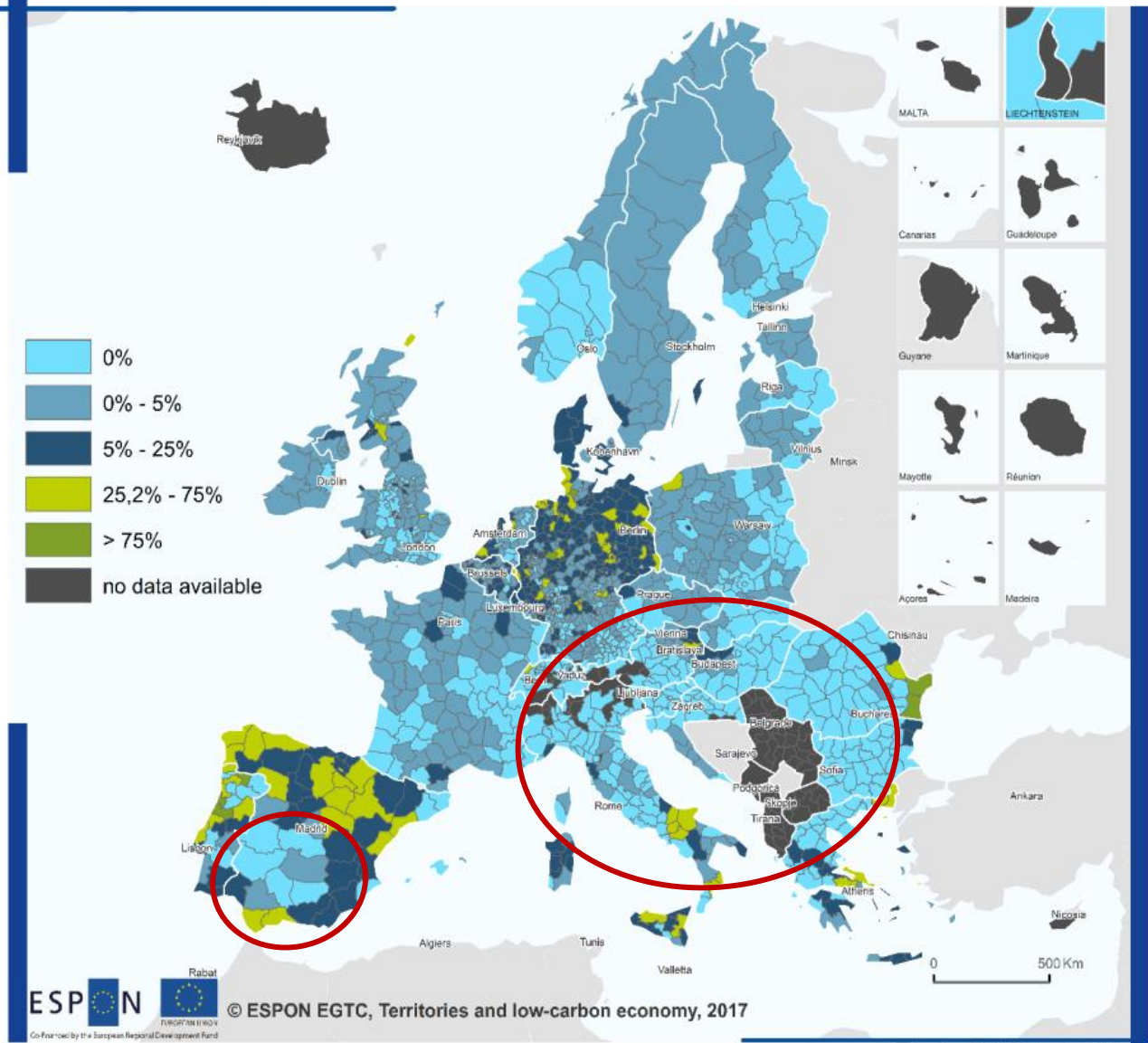
Increase of **wind energy** generation took place in regions with high and very high potential

Contrastingly, **PV generation** shows dynamic development mainly in less privileged solar regions, hardly any change in areas with high solar potential



Lessons from LOCATE II

Wind onshore, exploitation rate, 2012



Regional level: NUTS 3 (version 2013)
 Source: ESPON LOCATE, 2017
 Origin of data: Eurostat 2012, own calculation
 CC - UMS RIATE for administrative boundaries

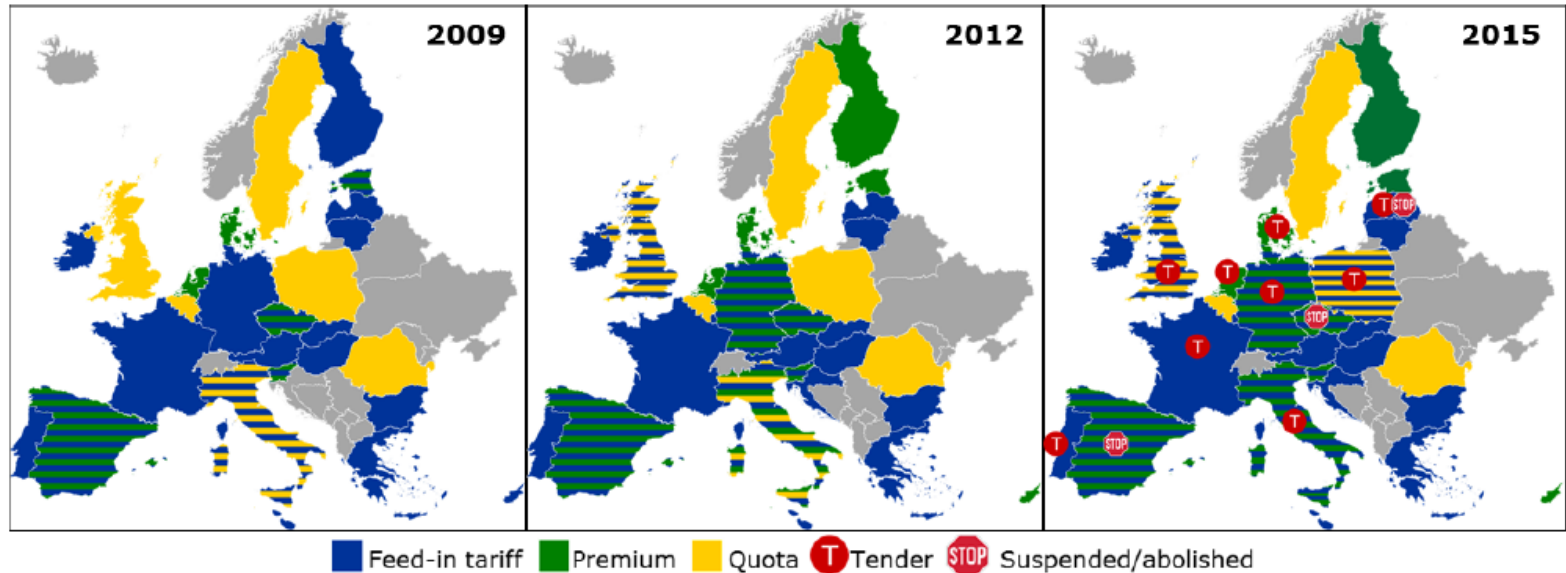
Consequences I

- Regions need **appropriate governance powers** in issues like renewable energy, low-carbon transport and energy efficiency.
- **Local-regional cooperation** is key for effective LCE transition.
- Ensure **broad involvement of public sector, private business, academia and civil society** in the transition process.



**Tailor EU + national level
legal/aid frameworks to
renewables and energy
efficiency**

Figure 7.20: Trends in feed-in tariffs, quota and premiums in EU MS, 2009-2015



- Relevance of investment subsidies differ between MS
- Feed-in tariffs, quotas and tender procedures are of great importance
- Strategy changes, competition rules etc. impact on RES development



Increase the impact of Cohesion Policy: integration with relevant policy fields for low-carbon economy (such as in RTD and Energy)

Cohesion Policy in the Future

- Focus on Eastern/ Southern Europe → largest potentials for renewables and energy efficiency & largest marginal benefit
- Capacity building for project development and administration
- Capacity to support projects from academia and consulting (energy agencies etc.)
- Integrated regional approaches (energy systems and value added chains – e.g. Smart Specialisation Strategies) should be supported



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Thank You!

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