



**European Committee
of the Regions**

Regional development and Galileo

Jiří Buriánek

Praha 12 June 2018

- CoR represents local and regional authorities across the EU and advises on new laws that have an impact on regions and cities (70% of all EU legislation).
- CoR provides advice to the EU legislators (Council and EP) in the form of reports (60 per year).
- CoR also strengthens the link between the European citizens and the EU policies.
- We are currently preparing our response to the EC proposal for the next MFF (2021-2027).



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- CoR is associated, in particular, to policies having a territorial component
- GNSS has opened up several opportunities for EU policies ... and we are just at the beginning.



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- GNSS will strengthen its contribution to a wide range of territorial policies, including:
 - environment and climate
 - energy and transport
 - agriculture and fishery
 - safety and security
- Galileo will also open great opportunities for the competitiveness of the **European industry**



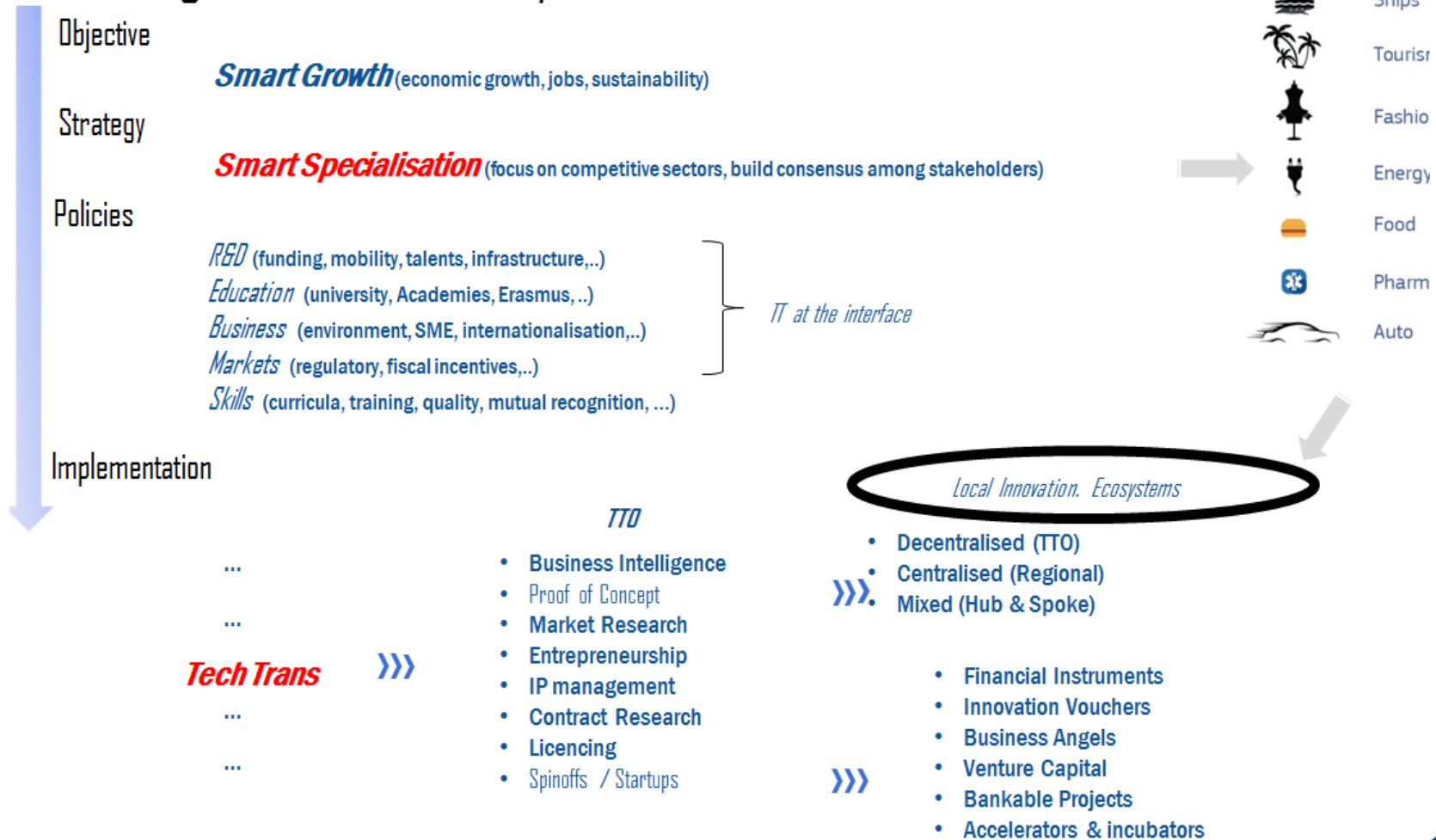
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Regional Innovation Systems (Cohesion)



- Obviously, this is a strong call for the European regions for the **Unitary Patent** and of the **European Patent Court**.
- We understand that the establishment of EPC is currently missing only ratification from Germany and that BVG should rule on the complaint in the second half of 2018.
- Once approved, this is expected to give a boost to the **European industry** by developing a **coherent, accountable and unequivocal patent system**, provided the cost savings will be sufficient to attract patent applications



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- Patent policy should take into account new trends in research and innovation such as:
 - + **openness** in science, data and innovation (however, "open" does not mean "free" and IP remains the best means to regulate)
 - + **co-creation** of technologies in technological platforms (new IP frameworks are needed)
 - + **digitalisation** (artificial intelligence, internet of things, blockchain call for new standards. The FRAND rule (fair reasonable, non discriminatory) offers rooms for interpretation > clear rules are required for essential patents in standards)
 - + **ethics** (to "cap" patent costs in life saving pharmas and essential services to the affordable)
 - + **globalisation** (steep increase of patent applications in/from China)

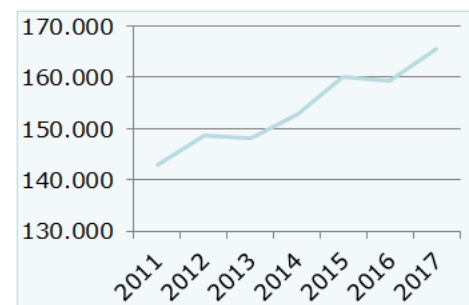


Patent & PCT applications to EPO (by country of residence of first applicant)

EU-15 (West)	67,884 (1/3 from DE)
EU-13 (East)	1,246 (1/3 from PL)
US	42,300
China	8,330 (doubled in 3 years)
Japan	21,712
6 Western Balkans	13
North Africa	14

Action is needed to mitigate imbalances

Source: EPO, 2017



Total # of Applications



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How to Exploit the Untapped Potential of RTOs' Deep-Tech Start-Ups in Europe

12 April 2017

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- **Deep-tech start-ups** are key to Europe's competitiveness and industrial renewal, delivering high socio-economic impact.
- Contrary to US-type digital companies, EU-type deep-tech start-ups have great life expectancy and low rate of failure.
- Support they need early-on to make innovation investment-ready are much higher, even though they tend to balance out at a later development stage.
- They rely heavily on **patents**.



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Milestones for our further discussion:

- Definition of an IP and technology transfer strategy for spatial technologies (Galileo, Egnos, Copernicus)
- Alignment of IP management policies of ESA, EC and National Space Agencies
- Develop links between Smart Specialisation Strategies for Regional Development and spatial technologies
- Take advantage of the new Unitary patent and European Patent Court



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"Right now, today, is the best time to start up.

There has never been a better day in the whole history of the world to invent something.

There has never been a better time with more opportunities, more openings, lower barriers, higher benefit/risk ratio."



Kevin Kelly (first editor of Wired) from the book "the Inevitable", 2016



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