Quo Vadis, Europa?
Place-based Circular Economy?

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Quo Vadis, Europa?

2020: BREAKDOWN

2032: ASTEROIDS

2048: SUBMARINES

2024: ROBOTS

#fake reports
#future
#daybyday
#alternative facts
#greatjob
#smombies
#2050
#brainz

THE FUTURE?
Territorial Foresight

Framework to support participants in a structured forward thinking concerning territorial development.

Territorial foresight is a future oriented approach characterised by
(a) critical, lateral thinking on long-term developments and their impacts on territorial development,
(b) wider participatory engagement and
(c) informing public and/or private decision making.

Territorial dimension in foresight thinking
Include ESPON Territorial Impact Assessment approach in foresight work.
Place-based Circular Economy

Resource efficient production – changing production patterns
- Reducing waste to a minimum
- The value of products and resources remains in the economy for as long as possible
- Less products are produced
- Repair, reuse and recycling implies a shift from large to smaller production sites

Resource efficient use – changing societal and behavioural patterns
- Focus on use rather than ownership, sharing resources
- The understanding of prosperity moves beyond GDP

Place based – balancing local and global interaction
- Making the best use of a region’s endogenous resources
- Involvement of local population and local influencers
- Transport and trade continue
- Migration continues
Trends to be considered

Collaborative governance approaches
Nationalism in Europe
Diverging understandings of democracies
Rising tensions between Russia and Europe

Power diffusion to networks and coalitions
Delegation to supranational players
Increasing role of perceptions and beliefs
Thrive towards more democracy

Changing democratic decision making
Renewing industries and innovation

Changing demographic pressure
Deepening the environmental conversation

Circular & sharing economy
Blue & green growth and clean tech
Slow growth
Beyond GDP

Decoupling growth & jobs
4th industrial revolution
Peak of everything

Change in decision making
Thrive towards more democracy

Further urbanisation
Increasing middle class at global level
Rising social inequalities and gaps

Internet of things
Robotics
Big data
Natural resources important again
Increasing public debts

Scarcity of water and food
Pollution of the seas
Arctic as resource and passage

Climate change

Ageing society
Global demographic growth
Increasing migratory pressures
Young and ambitious

Increasing training
Further urbanisation

Increasing middle class at global level
Rising social inequalities and gaps
Resource efficient production

Territorial “impacts” of changes in production systems

- Large scale manufacturing experiences economic transition
- Innovations are needed for a transition to circular economy production systems
- Strong focus on repair, reuse and recycle implies new jobs in most parts of Europe
Resource efficient production

Place based Circular Economy: Production & New Economic Systems

Circular Economy
- Leading technological change
- Risk for declining economic role due to change in manufacturing
- Growing economic activities due to repair, reuse, recycle culture

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Resource efficient use

Territorial “impacts” of changes behaviour and use

- Focus on repair, reuse and recycle implies drastic changes in areas with high household waste levels
- Sharing economy requires critical mass
- Changing understanding of prosperity – beyond GDP and good governance
Resource efficient use

Place based Circular Economy: Consumption & Behaviour Change

Circular Economy
- Challenges in terms of handling of households waste
- Forerunners in recycling
- Advanced in sharing economy
Place based – local & global

Territorial ”impacts” of changes local-global interaction

- Major transport hubs lose importance
- International export-import patterns change
Place based – local & global

Place based Circular Economy: Transport Flows & Export / Import

Circular Economy
- Declining transport hubs
- Declining export region

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Towards more territorial cohesion

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<th>Territorial Cohesion</th>
<th>Place-Based Circular Economy</th>
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<td><strong>Socio-Economic</strong></td>
<td>![arrow] Changing understanding of prosperity</td>
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<td>![arrow] Increasing sharing and repairing attitude</td>
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<td>![arrow] Changing role of transport hubs</td>
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<td>![arrow] Behavioural change needed to reduce household waste</td>
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<td>![arrow] Changing role of goods exports-imports</td>
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<th><strong>Demographic Change</strong></th>
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|**Environment**        | ![arrow] Driving role of green technology |

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<td>![arrow] Changing manufacturing processes</td>
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Place-based circular economy

Overall territorial consequences

- Dramatic changes for all parts of Europe
- Disparities between strong socio-economic areas and lagging regions may decline
- Potential for small and medium-sized towns
- Challenges for sparsely populated areas and inner-peripheries
- Challenges or major cities depending on transport and material production
- Networks driving innovations in a circular economy and leading areas in the sharing economy
Place-based circular economy

Place based Circular Economy: Production & New Economic Systems

Circular Economy
- Leading circular economy innovation
- Forerunners in sharing economy
- Declining manufacturing or export
- Declining hub functions
- Smart cities growing in economy...
- Too small places for sharing economy
- Challenged in consumer behaviour

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Visions define a desirable picture of the future. This picture is based on a core set of ideas, values and principles.

Other terms that are used to describe similar long-term pictures of a desirable future are ‘perspectives’ or ‘strategies’.
What futures?

Visions
without actions are daydreams.

Actions
without visions risk to become nightmares.
Territorial Foresight

Framework to support participants in a structured forward thinking concerning territorial development.

Territorial foresight has various benefits:
- Approaching complexity and uncertainty
- Understanding territorial consequences of (im)possible futures
- Creating wide ownership
- Informing decision making

Territorial foresight can help to see whether a vision is a desirable future or what is needed to make it one.
Just out
EU disintegration has no winners
Places – links – cooperation

All territories are interdependent

Potential and challenges to be addressed together
Places – links – cooperation

Interdependencies of places shape Europe's development

- Cooperation is a must, not a luxury for all development themes
- European disintegration has no winners in Europe
- Challenges cannot be solved by territories individually
- Functional areas of different geographical size matter
  - Functional rural regions
  - Functional urban-rural partnerships
  - Cross-border regions
  - Transnational / macro-regions
  - Europe
  - Europe and its neighbourhoods
Your tailor made Territorial Review

Tailor made report addressing topics of your choice

Answering the following questions will allow you to compile a tailor made report addressing topics of your choice, based on a selected parts of the ESPON Territorial Review.

What topics are you mainly interested in?
- Select all
- Finding answers to ageing and migration
- Stimulating employment in the knowledge economy
- Promoting economic growth through SMEs and FDI
- Boosting renewable energy sources
- Developing the circular economy
- Developing physical and digital connectivity
- Improving quality of life through SGIs

Are you more interested in characteristics of places, links between places, cooperation and/or policy pointers?
- Select all
- Places
- Links between places
- Cooperation
- Policy Pointers

What kind of information are you looking for?
- Select all
- Territorial analysis
- Examples of single territories

CREATE CUSTOM REPORT
Your tailor made Territorial Review

**Tailor made report addressing territories of your choice**

Answering the following questions will allow you to compile a tailor made report addressing territorial types of your choice, based on a selected parts of the ESPON Territorial Review.

**What types of territories are you mainly interested in?**
- Select all
- Urban areas
- Small and medium sized town
- Rural areas
- Sparsely populated areas
- Lagging regions
- Islands
- Coastal areas
- Mountain areas
- Cross-border regions
- Macro-regions and transnational cooperation areas

**What kind of information are you looking for?**
- Select all
- Examples of single territories
- Policy Pointers

[CREATE CUSTOM REPORT]