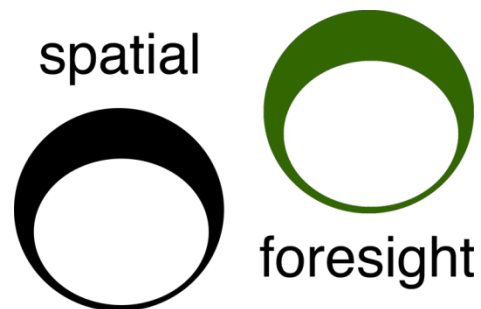
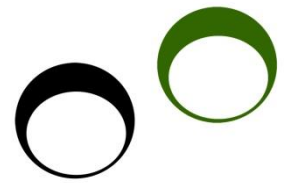


# Quo Vadis, Europa? Place-based Circular Economy?

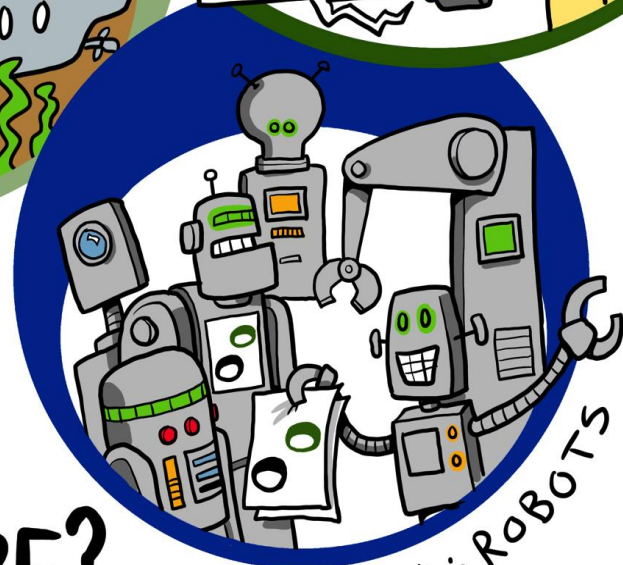
Dr Kai Böhme



# Quo Vadis, Europa?



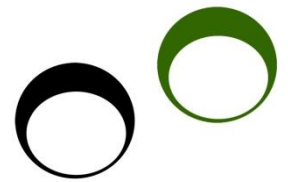
2048: SUBMARINES



## THE FUTURE?

# Territorial Foresight

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

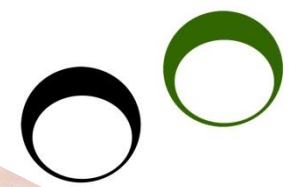
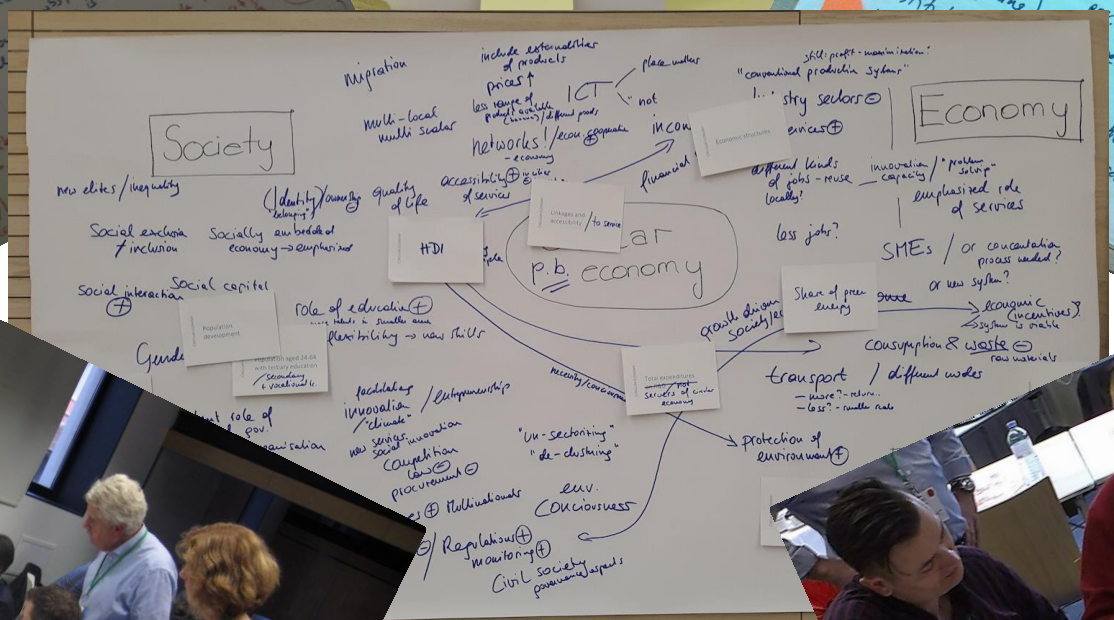
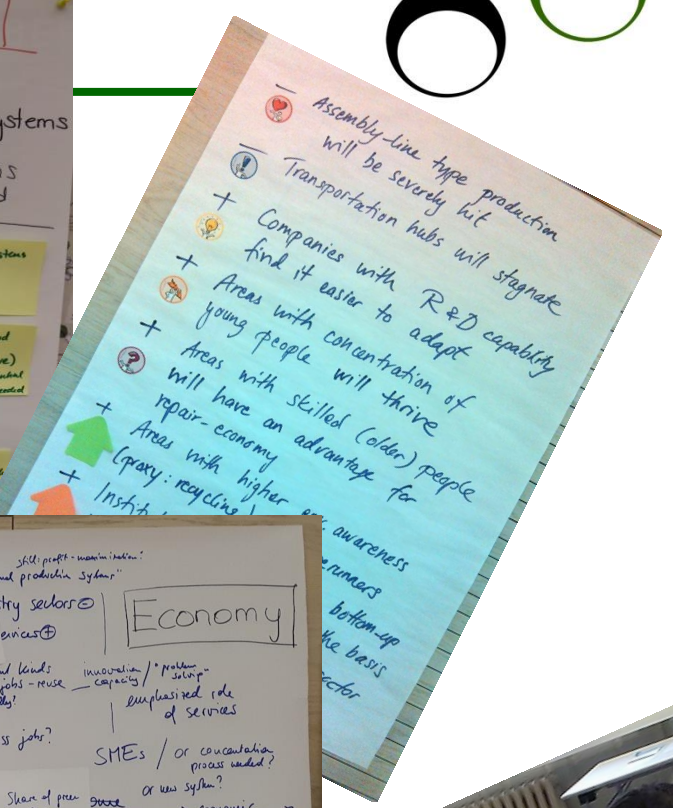
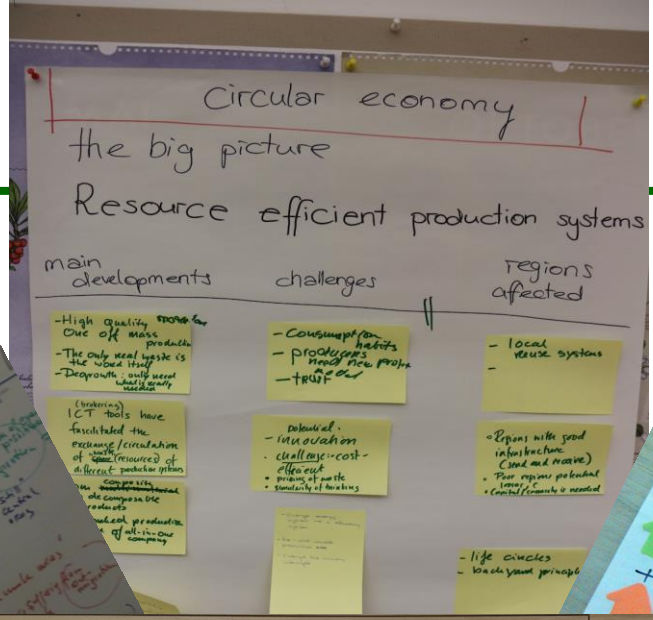
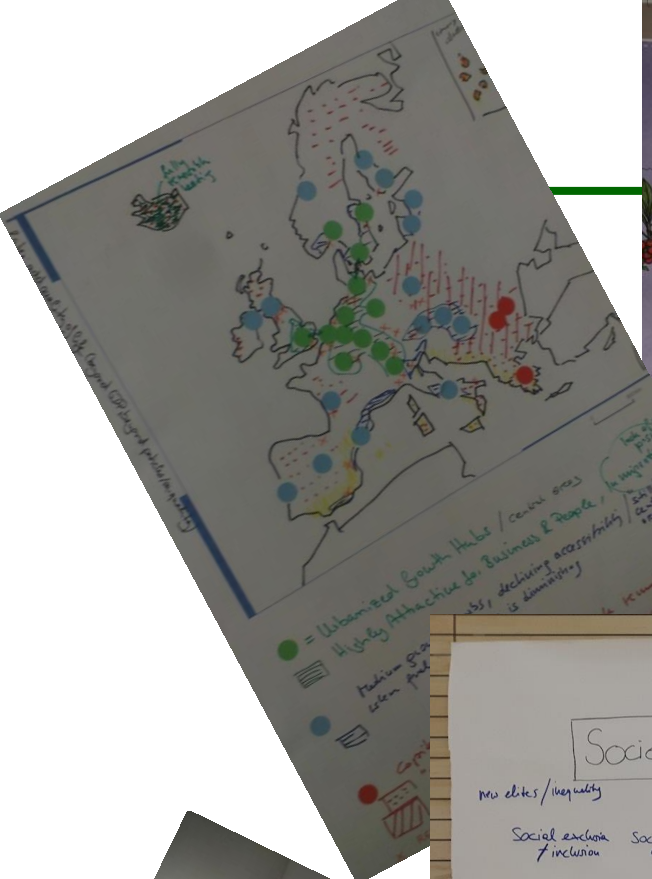
## **Territorial foresight is**

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.

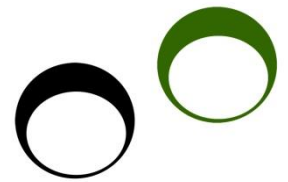
## **Territorial dimension in foresight thinking**

Include ESPON Territorial Impact Assessment approach in foresight work.



# Place-based Circular Economy

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## 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

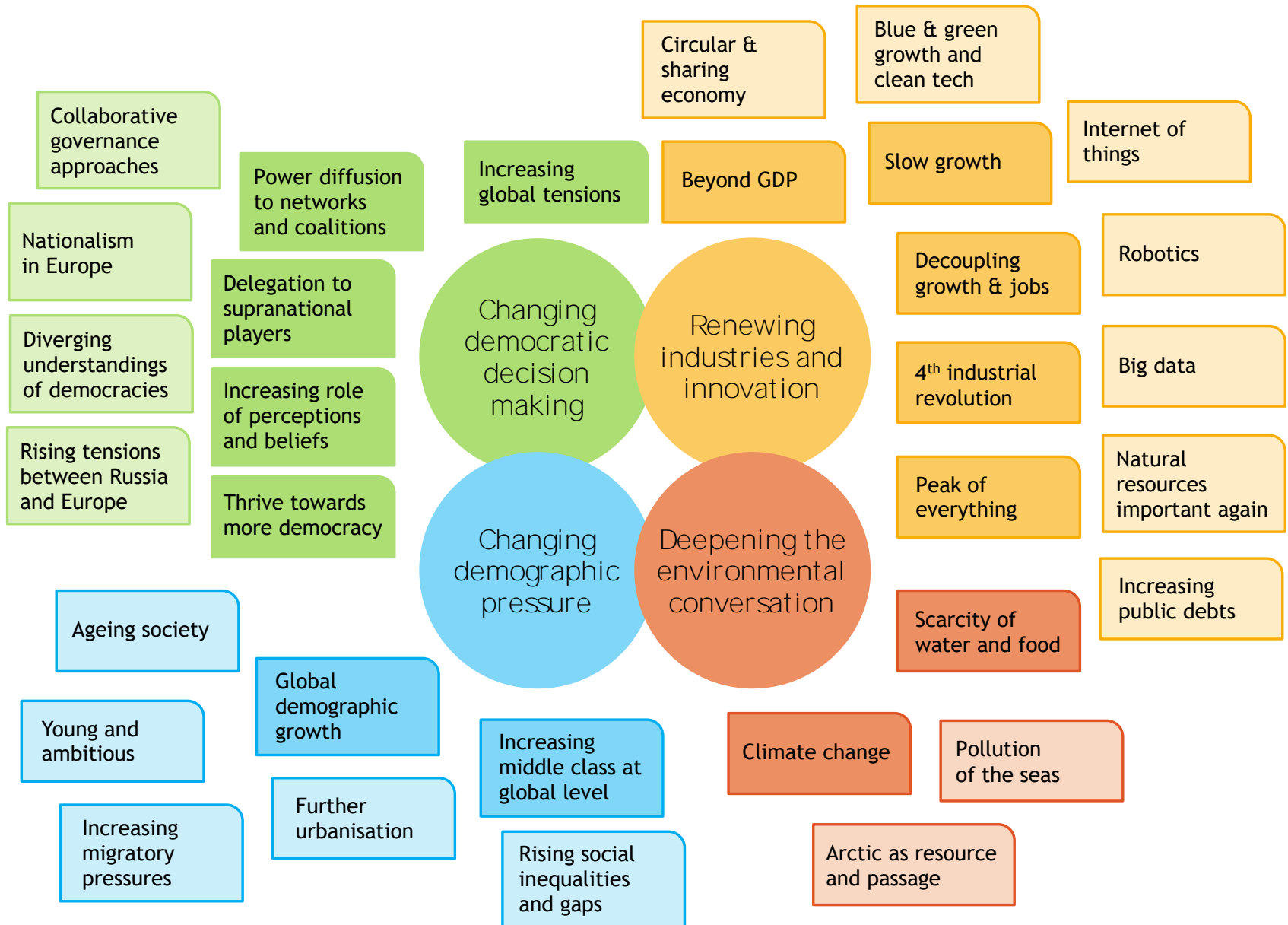
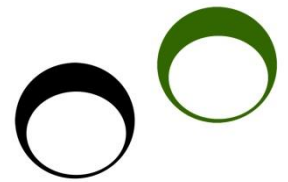
## Resource efficient use – changing societal and behavioural patterns

- Focus on use rather than ownership, sharing resources
- The understanding of prosperity moves beyond GDP

## Place based – balancing local and global interaction

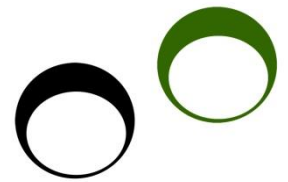
- Making the best use of a region's endogenous resources
- Involvement of local population and local influencers
- Transport and trade continue
- Migration continues

# Trends to be considered



# Resource efficient production

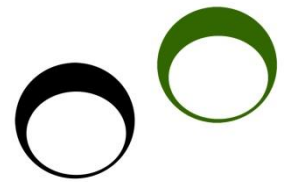
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## Territorial "impacts" of changes in production systems

- 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



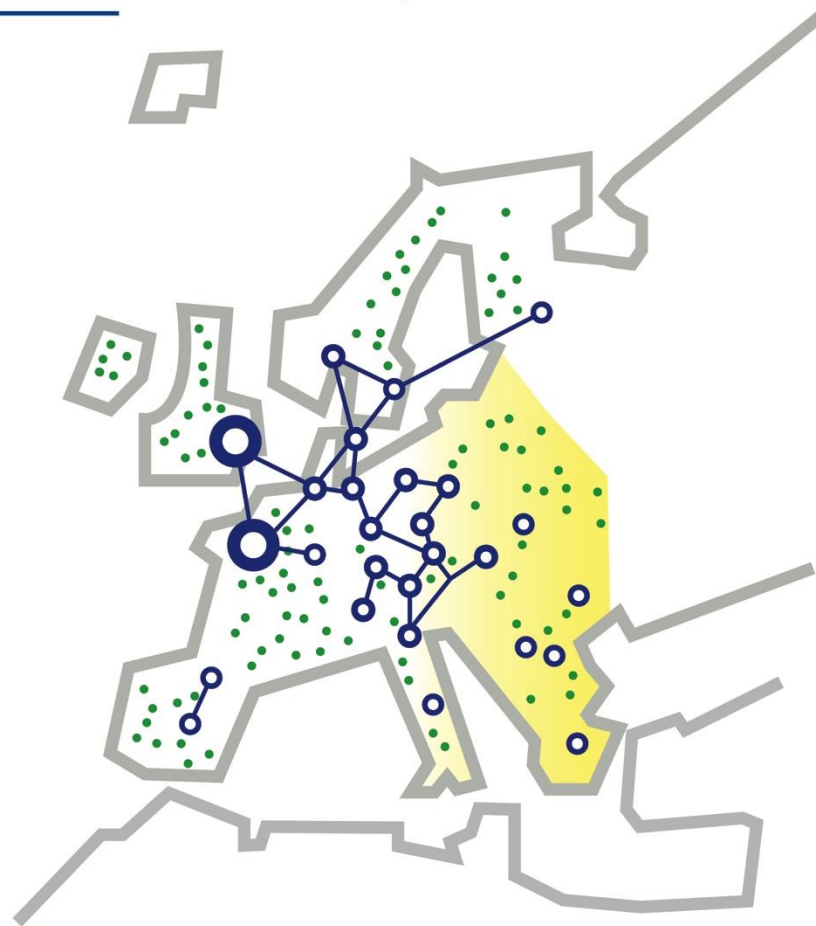
Leading technological change



Risk for declining economic role due to change in manufacturing

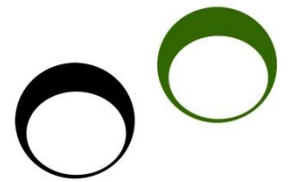


Growing economic activities due to repair, reuse, recycle culture



# Resource efficient use

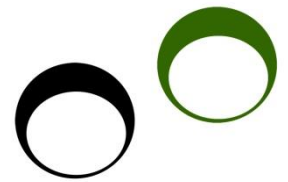
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## **Territorial "impacts" of changes behaviour and use**

- 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

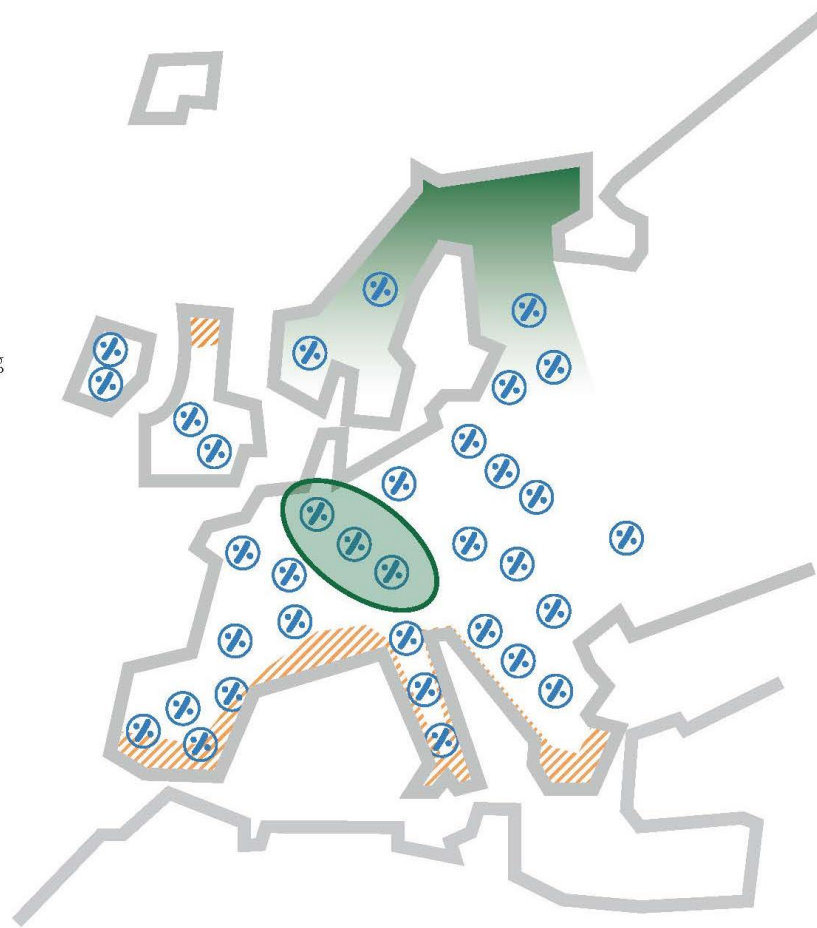
# Resource efficient use



## Place based Circular Economy: Consumption & Behaviour Change

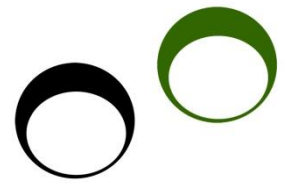
### Circular Economy

-  Challenges in terms of handling of households waste
-  Forerunners in recycling
-  Advanced in sharing economy



# Place based – local & global

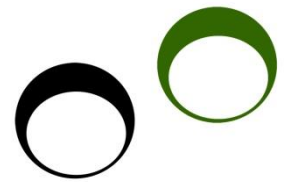
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## Territorial "impacts" of changes local-global interaction

- Major transport hubs lose importance
- International export-import patterns change

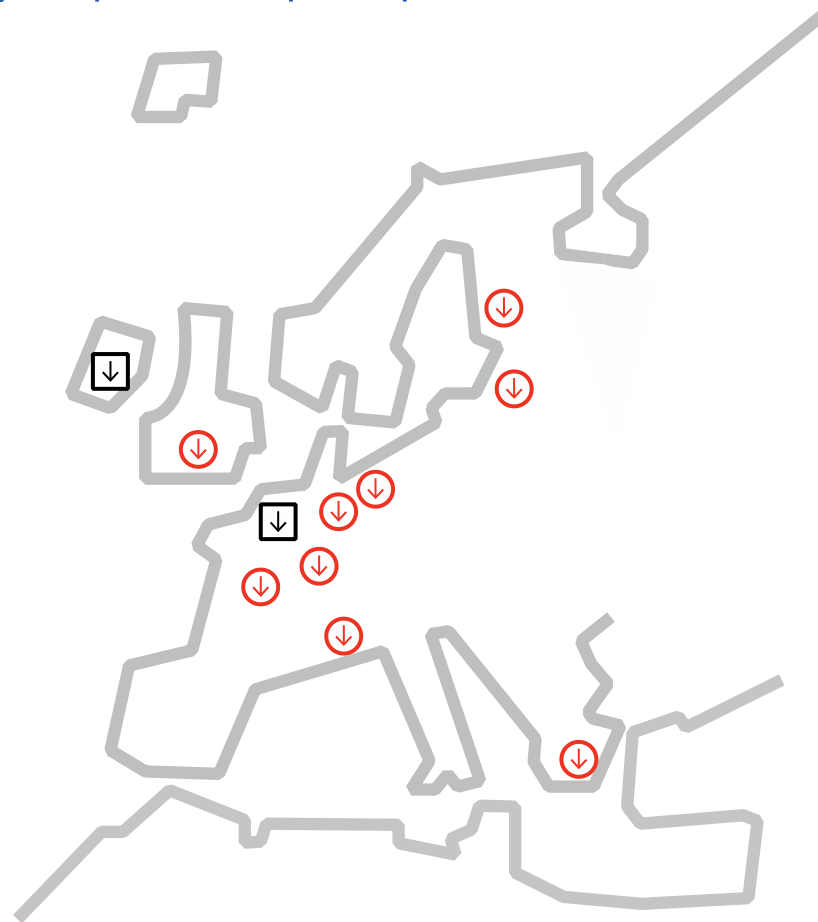
# Place based – local & global



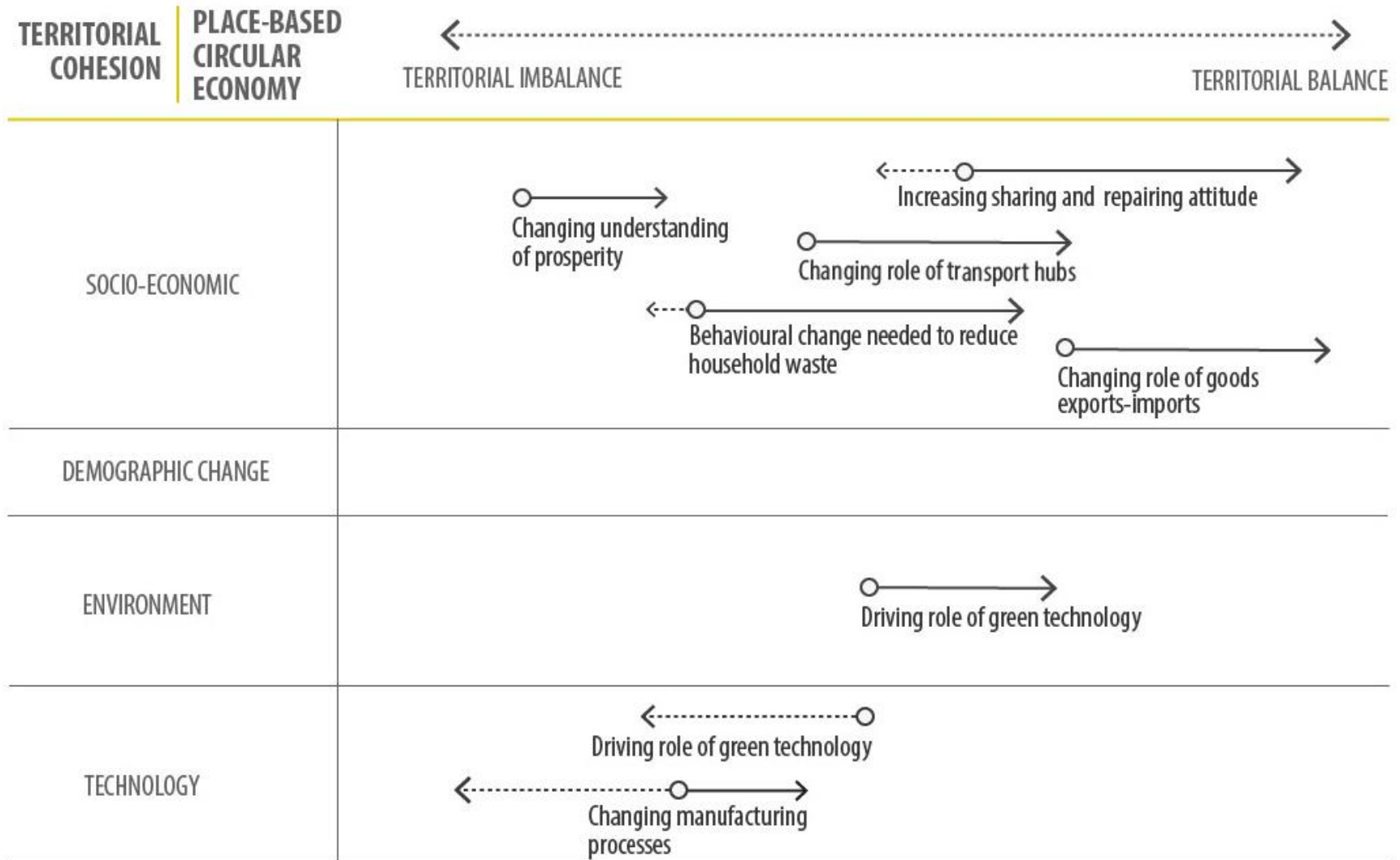
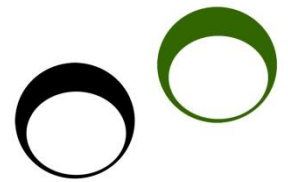
## Place based Circular Economy: Transport Flows & Export / Import

### Circular Economy

- ⬇️ Declining transport hubs
- ⬇️ Declining export region

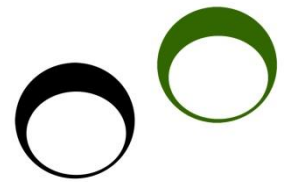


# Towards more territorial cohesion



# Place-based circular economy

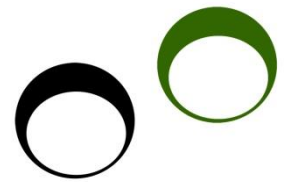
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## Overall territorial consequences

- 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 for major cities depending on transport and material production
- Networks driving innovations in a circular economy and leading areas in the sharing economy

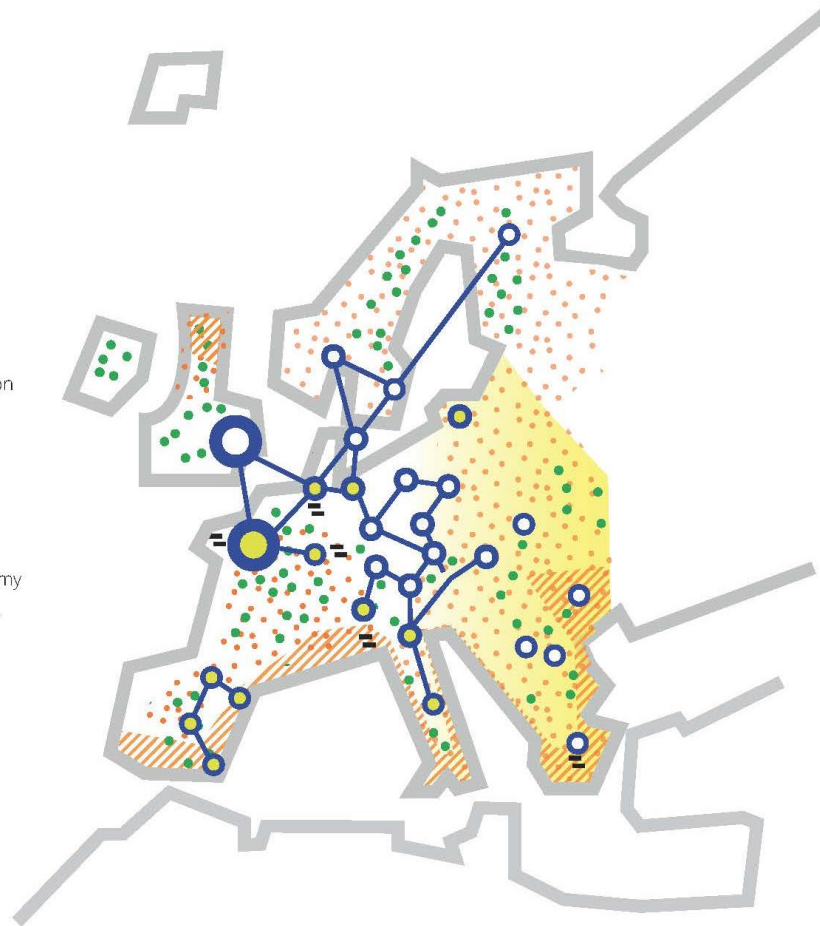
# Place-based circular economy



## Place based Circular Economy: Production & New Economic Systems

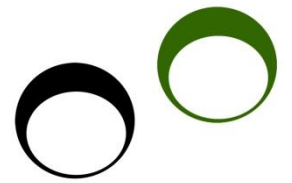
### Circular Economy

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



# Desirable futures ?

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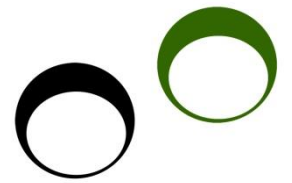


**Visions define a desirable picture of the future. This picture is based on a core set of ideas, values and principles.**

Other terms that are used to describe similar long-term pictures of a desirable future are 'perspectives' or 'strategies'.

# What futures?

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## **Visions**

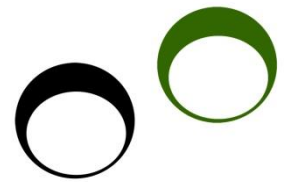
without actions are daydreams.

## **Actions**

without visions risk to become nightmares.

# Territorial Foresight

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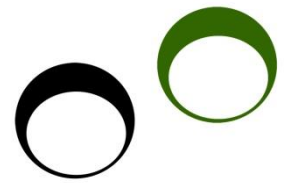
**Framework to support participants in a structured forward thinking concerning territorial development.**

**Territorial foresight has various benefits:**

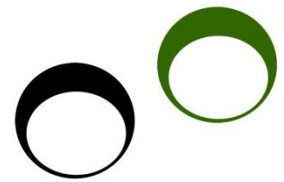
- Approaching complexity and uncertainty
- Understanding territorial consequences of (im)possible futures
- Creating wide ownership
- Informing decision making

**Territorial foresight can help to see whether a vision is a desirable future or what is needed to make it one.**

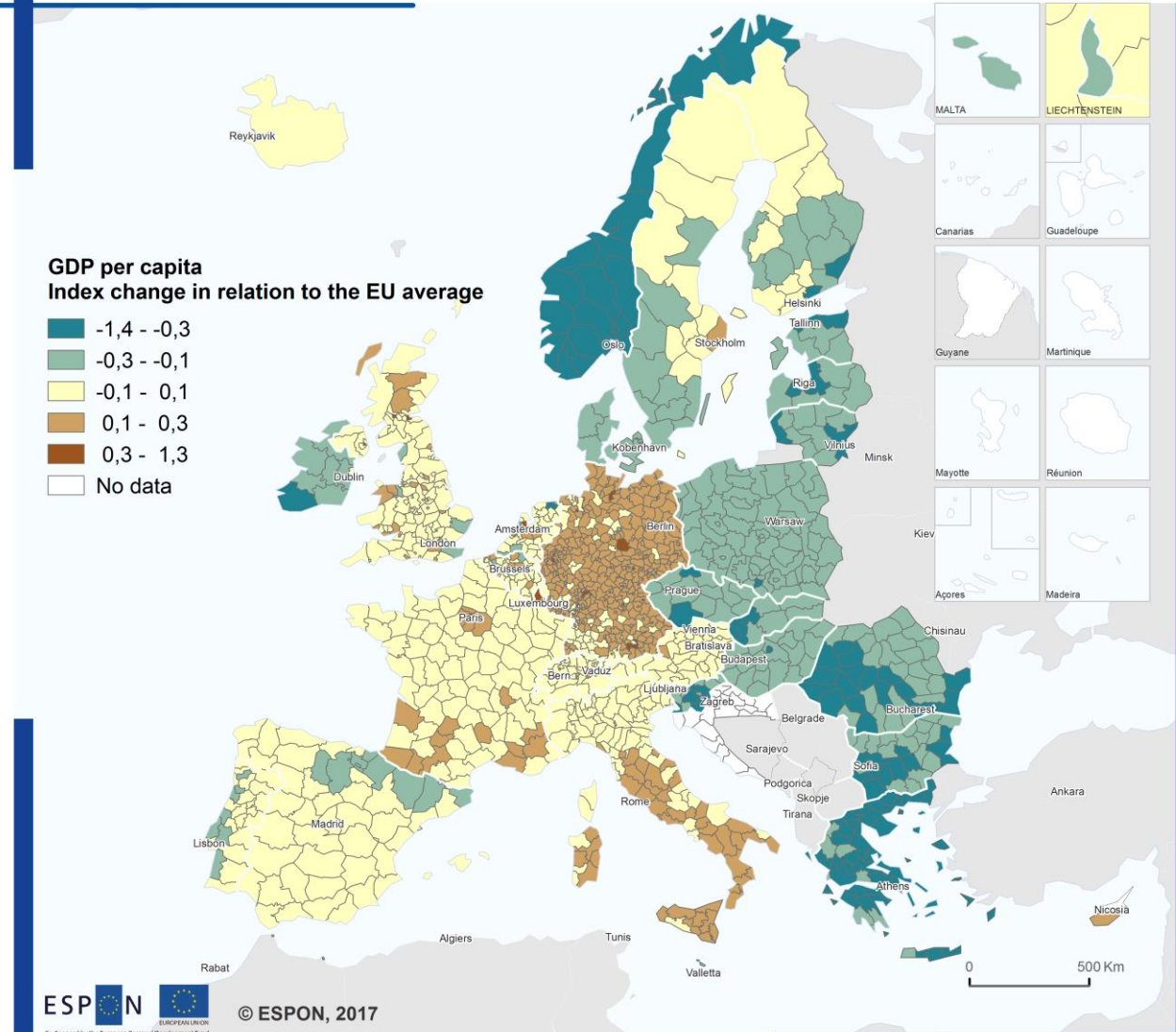
# Just out



# EU disintegration has no winners

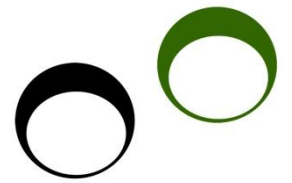


Tentative cohesion effects of European disintegration 2030



# Places – links – cooperation

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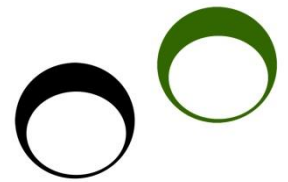
**All territories are interdependent**



**Potential and challenges to be addressed together**

# Places – links – cooperation

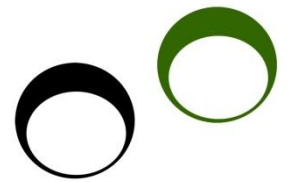
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## Interdependencies of places shape Europe's development

- 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

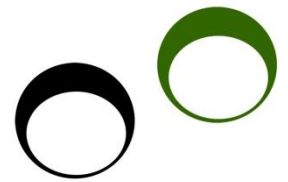
### What kind of information are you looking for?

- 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?

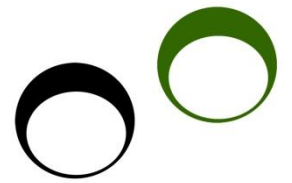
- Select all
- Urban areas
- Small and medium sized town
- Rural areas
- Sparsely populated areas
- Lagging regions
- Islands
- Coastal areas
- Mountain areas
- Cross-border regions
- Macro-regions and transnational cooperation areas

### What kind of information are you looking for?

- Select all
- Examples of single territories
- Policy Pointers

[CREATE CUSTOM REPORT](#)





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