

joint innovation

Tackling the urban storm water challenges Through Smart Specialization Strategy

Fighting the storm

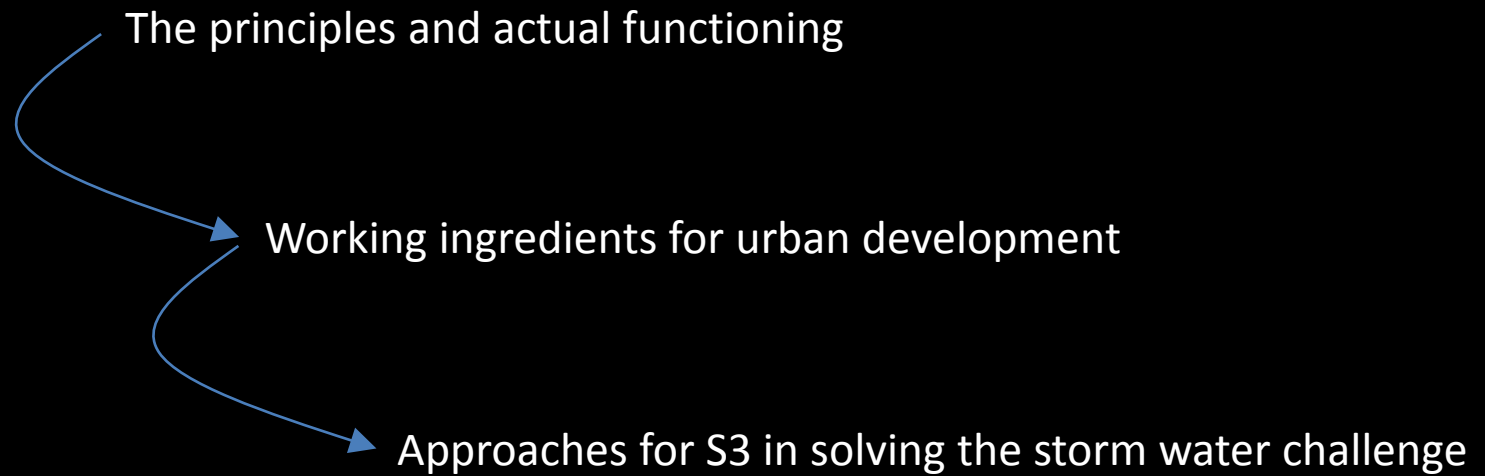
Baltic Flows
March 2016

Conscious Development Company

.....creating smart and sustainable solutions for the well being of all

- Bio mobility, tackling urban mobility challenges in a sustainable way
- Biobased business development with Key Enabling Technologies
- High take up change management for big scale urban and regional transitions

Smart specialization



Statement: EU development = **average** development of EU regions

Development = the balanced sum of.....

..... successful tackling of societal challenges

..... + making optimum use of economic and cultural growth potential of all citizens and their social structures,

..... + implementing a really good strategic transition methodology that brings sustainable transition AND creates resilient societies.

It should be a rare situation when you can do this all by yourself !

The right understanding:

S3: areas of highest growth potential

S3': areas of highest growth capacity

S3'': areas of strength

The Entrepreneurial Process of Discovery is the search engine

Entrepreneurial Process of Discovery.....

..... per society

..... per societal challenge

..... per company

..... per sub-region, urban area, city

..... per region and cross border region

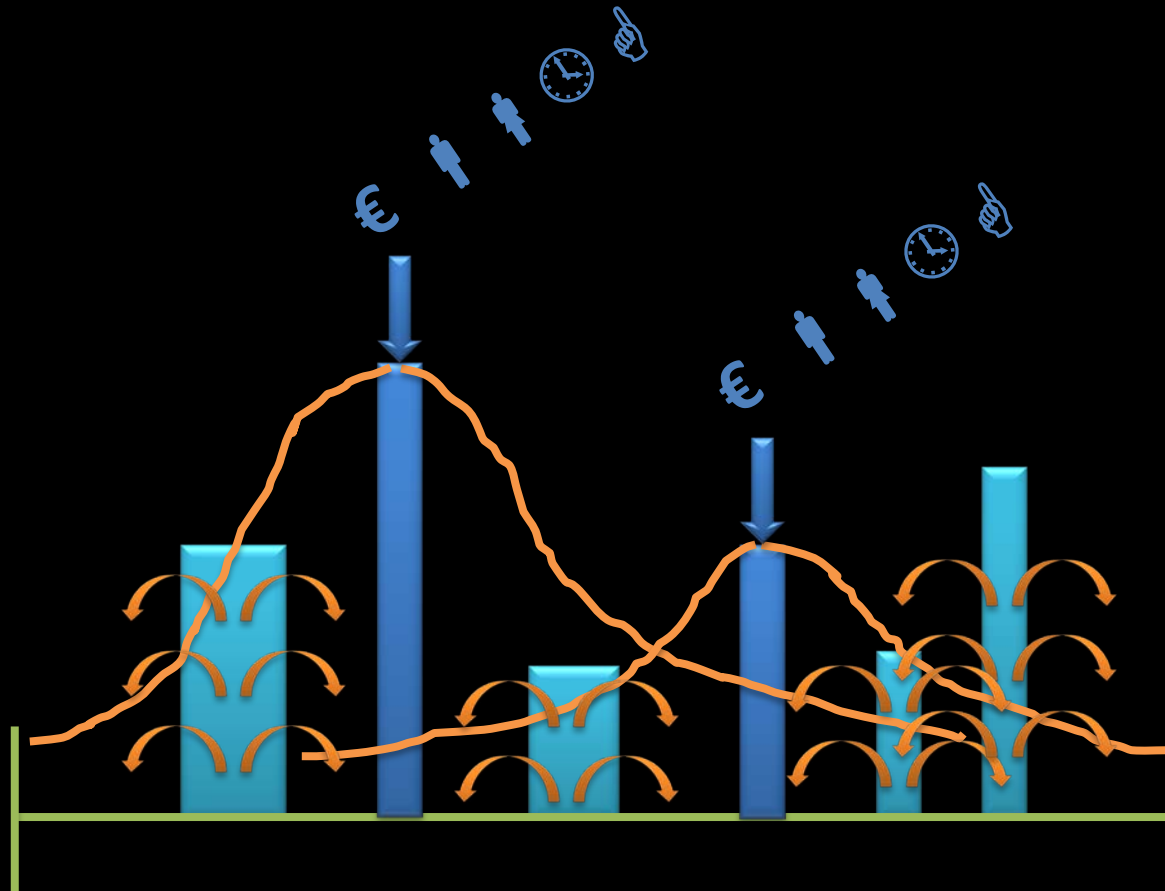
..... per strongly connected macro region

..... between EU regions, urban areas and cities that search cooperation

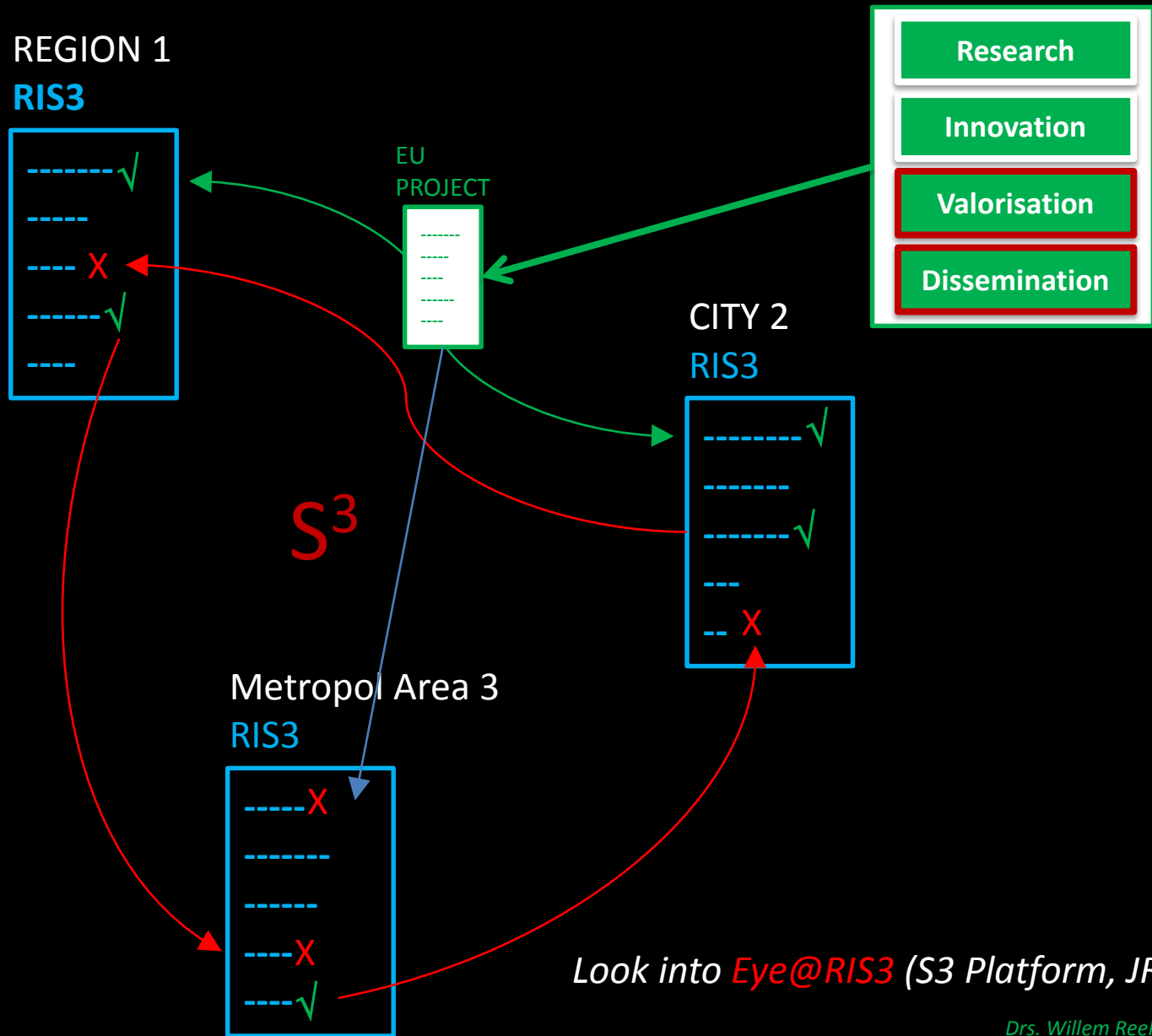
For urban areas the challenge is to get their challenges and specializations in the regional and/or national RIS3 plans (are their issues seen as relevant to the region?)

Principle 4: focus on all of society

Smart Specialization Strategy = focussed investment where it enables/invokes broad societal value and growth.



Principle 5: S3 for the EU marketplace



Look into *Eye@RIS3* (S3 Platform, JRC-IPTS)

Entrepreneurial Process of Discovery:

- Searching together for those areas of development that:
 - are formed by real societal challenges
 - can be understood by the majority of stakeholders
 - show a high development potential
 - are not yet dominated by a single actor
 - can induce ground breaking innovations that bring solutions and economy
- Such a process has to be an open discovery process, not governed by governments but by shared governance.
- Existing powers cannot be allowed to dominate, which asks a lot of courage of all.

Regionalization of innovation powers:

- by closing inner city, urban, rural or regional value chains
- by working accross traditional sectors
- by keeping the societal challenge as the main shared focus
- by shared innovating with business and knowledge institutes and civil society in living labs (ENoLL) and incubators
- by reinventing the urban - rural interaction (materials, products, living, development space, mobility, recreation, closing value chains)

Cooperate and collaborate accross Europe by:

- creating joint programmms and projects
- investing in long term network cooperation between urban areas that share a challenge
- choose a multi funding approach according to CSF1 and CSF2 of the EC, but always start from your joint programme and not from the funding opportunity.
- share governance instead of appointing leadership
- trade off in your network with a long term relationship perspective

Every actor has talents

Every actor has experiences

Every actor has the ability to learn

Sharing perspectives

Interaction in learning

Combine strengths

Compensate weaknesses

Surprises

Approach 1:

Ensure storm water management as a S3 priority in the regional RIS3 surrounding the urban area.

Share the innovations that bring solutions to deal with the storm water challenge on a EU level between regions.

Operationalize in regional OPs. Share in Horizon participation.

Approach 2:

Bring S3 from regional to urban scale by a renewed EPD, now including the storm water challenge.

- Link to the actors that made RIS3 at the regional level and add the urban actors.
- Redo the EPD but make sure it fits.
- Account for differences between urban areas per member state:
 - Hamburg autonomous RIS3 entity
 - Barcelona part of Catalonian RIS3

Ensure inter urban cooperation on tackling the storm water challenge.

Operationalize in a sub-OP and in shared urban-urban horizon participation.

Approach 3:

Make a Smart Specialization Strategy in a joint EPD of all EU urban areas dealing with storm water management.

- Form a EU wide network on this specialization
- Connect quadruple helix actors of all urban areas

Operationalize by forming a joint programme on this challenge, linking to the regional OPs and to Horizon calls and Interreg Europe participation.

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