

Crossovers with the port

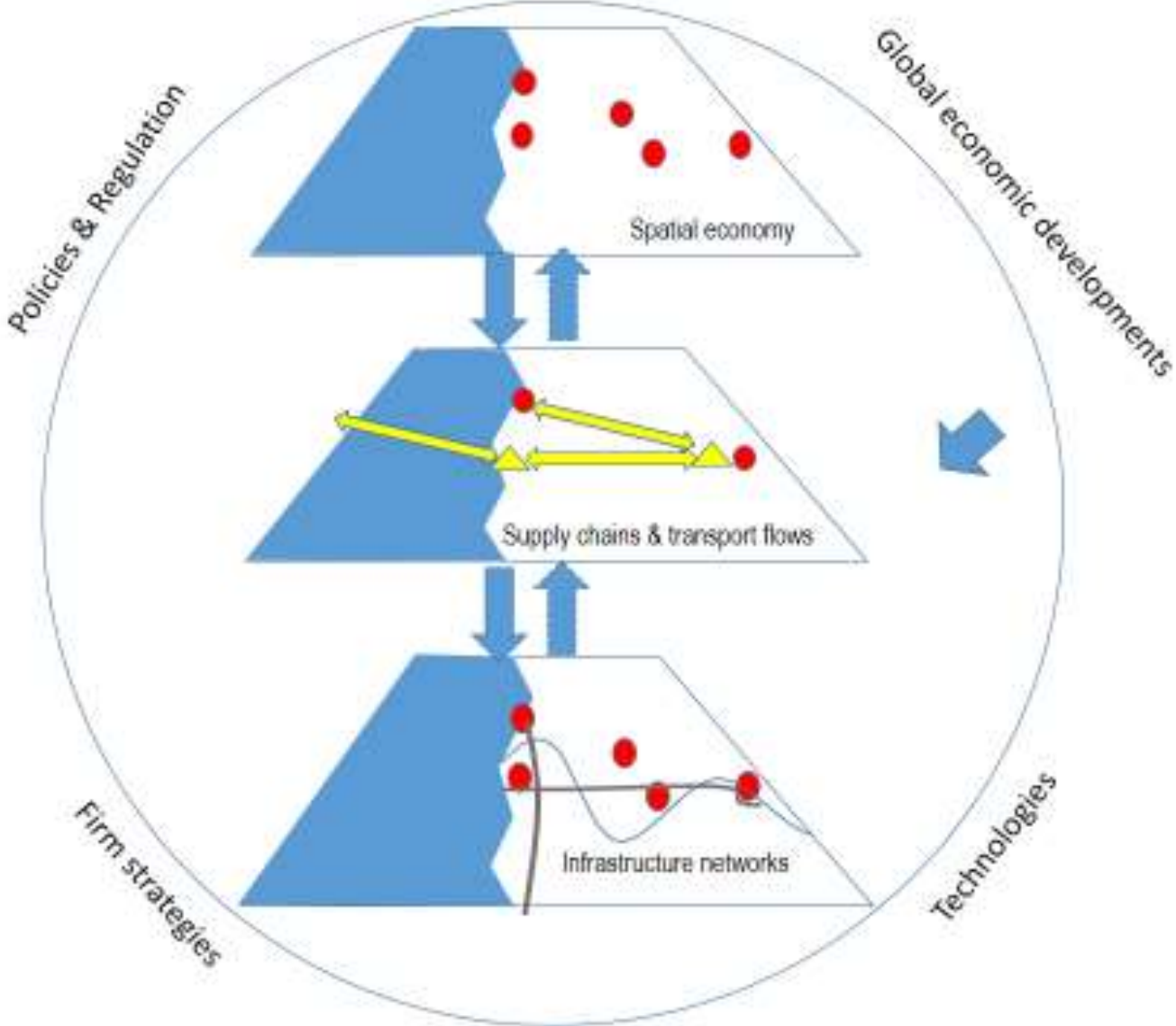
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Founding partner StigΔ

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Stig BV, 2017

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- ▶ core port projects: land, economy, logistics
 - ▶ ports
 - ▶ corridors
 - ▶ e-zone
 - ▶ port-city relationships
 - ▶ re-development /transformations
 - ▶ waterfront
 - ▶ Executive member of the board of directors of AIVP, the world wide network of port-cities



Source: adapted from Notteboom, T. and J-P Rodrigue (2007)



DEVELOPMENTPLAN WESTBANK PANAMA



Focus of ports



Infrastructure focus



Throughput focus



Value focus

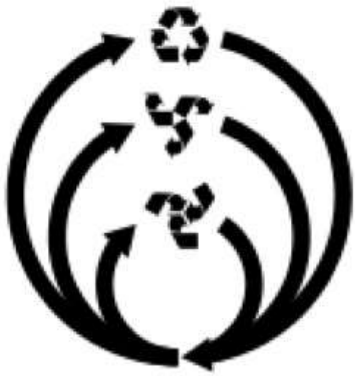


Port city focus



What's next ?

Trends:



Circular economy



New economy



Energy transition

Crossovers between port and city

- ▶ crossovers for economic and social innovations
- ▶ fuelled by new technologies and innovative businesses
- ▶ new planning strategies between city and port
- ▶ innovation: climate change, energy transition and the development of “disruptive” technologies
- ▶ social innovation and the related engagement of citizens is even a greater challenge

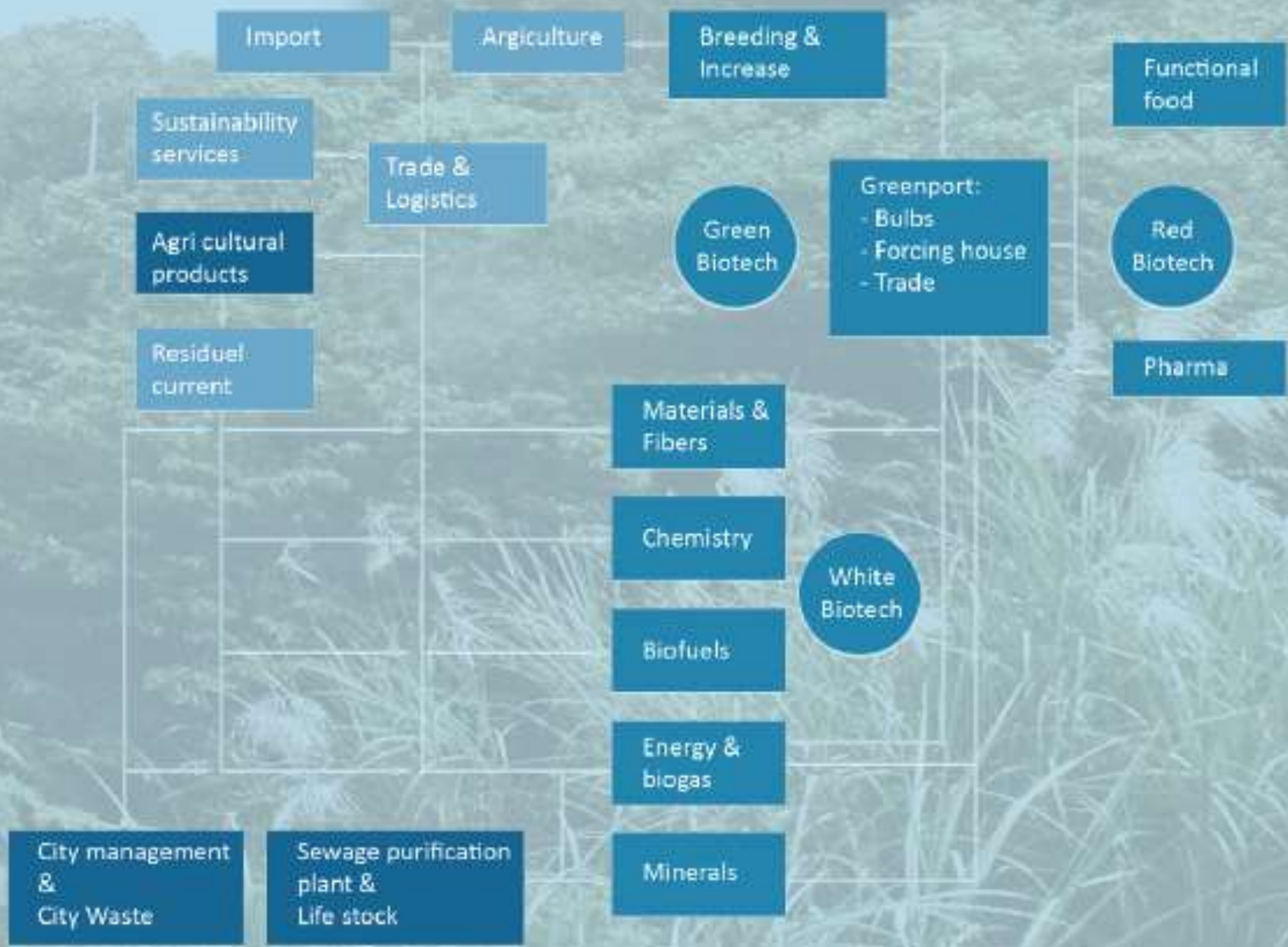




- ▶ ingredients
 - ▶ circular economy
 - ▶ climate resilient port cities
 - ▶ joint planning strategies
 - ▶ innovative business climate
 - ▶ smart (green) technologies
 - ▶ social innovation



- ▶ driven by synergies
- ▶ achieve different material flows
- ▶ it needs interaction of many stakeholders on different levels
- ▶ it needs tailor made governance
- ▶ it is about economy, so about benefits as well, which should be passed on at the right place of the 'circle'





- ▶ need
 - ▶ awareness
 - ▶ leadership
 - ▶ interconnectivity
- ▶ planners should work with communities and nature
- ▶ they need better access to knowledge
- ▶ policy makers should create more stimulus and clear guidelines for businesses



- ▶ how can spatial planning and development support the innovation that is required in port cities
- ▶ sites between port and city are permanently unfinished.
- ▶ plans must therefore be flexible, must be made “for the meantime”.
- ▶ climate adaptation has a different planning horizon than the development of business or the creation of social innovation
- ▶ we don't know exactly what the future economy of the port city will be, so we will need to plan for uncertain functions





- ▶ attracting new businesses
- ▶ bring them in contact with the “old” industries
- ▶ Authorities, knowledge institutes and private parties should create intensive (informal) networks
- ▶ These networks and actors should be made transparent



- ▶ need of smart people to be successful
- ▶ people come first
- ▶ implementation is a matter of local context and conditions
- ▶ cooperation is in all cases the key success factor

- ▶ accounts for 75% of successful innovation (technology only 25%)
- ▶ Port Cities should draw up a Human Capital Agenda with a long-term strategy
- ▶ create a resilient working community that is ready for the future.





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Port Center Planning

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- A vertical photograph on the left side of the slide shows a port at night. A large ship is docked at a pier, illuminated by bright lights. In the background, a tall, cylindrical lighthouse tower stands against a dark sky. The water in the foreground is dark with some light reflections.
- ▶ Port Centers are an effective medium to reach a larger audience, however:
 - ▶ all stakeholders need to be involved for the Port Center to succeed
 - ▶ a Port Center needs a good and structured planning of the development process, especially in its starting phases
 - ▶ a Port Center needs a focus, especially in terms of vision, target groups and goals. This also applies to content and design





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