

Smart Specialisation

CIW event innovatie in het waterbeheer

Gent, 30 november 2018

Bernard De Potter, administrateur-generaal VMM, voorzitter CIW





Deel I : POLICY



Smart Specialisation (S3)

- **It's about:**

- value creating activities (economic and social)
- driven by entrepreneurial actors
- oriented by strong vision of opportunities in global trends
- choices for transformation (vertical approach)
- Based on eco-systems and clusters

- **It's not about:**

- sectors or thematic areas
- Top-down decisions
- existing strengths
- Horizontal approach
- narrow disciplinary approach / closed innovation

Third generation cluster policies?

1st generation
Marshall

- hard infrastructure
- agglomeration economies
- 'Passive' promotion of co-location

2nd generation
Porter

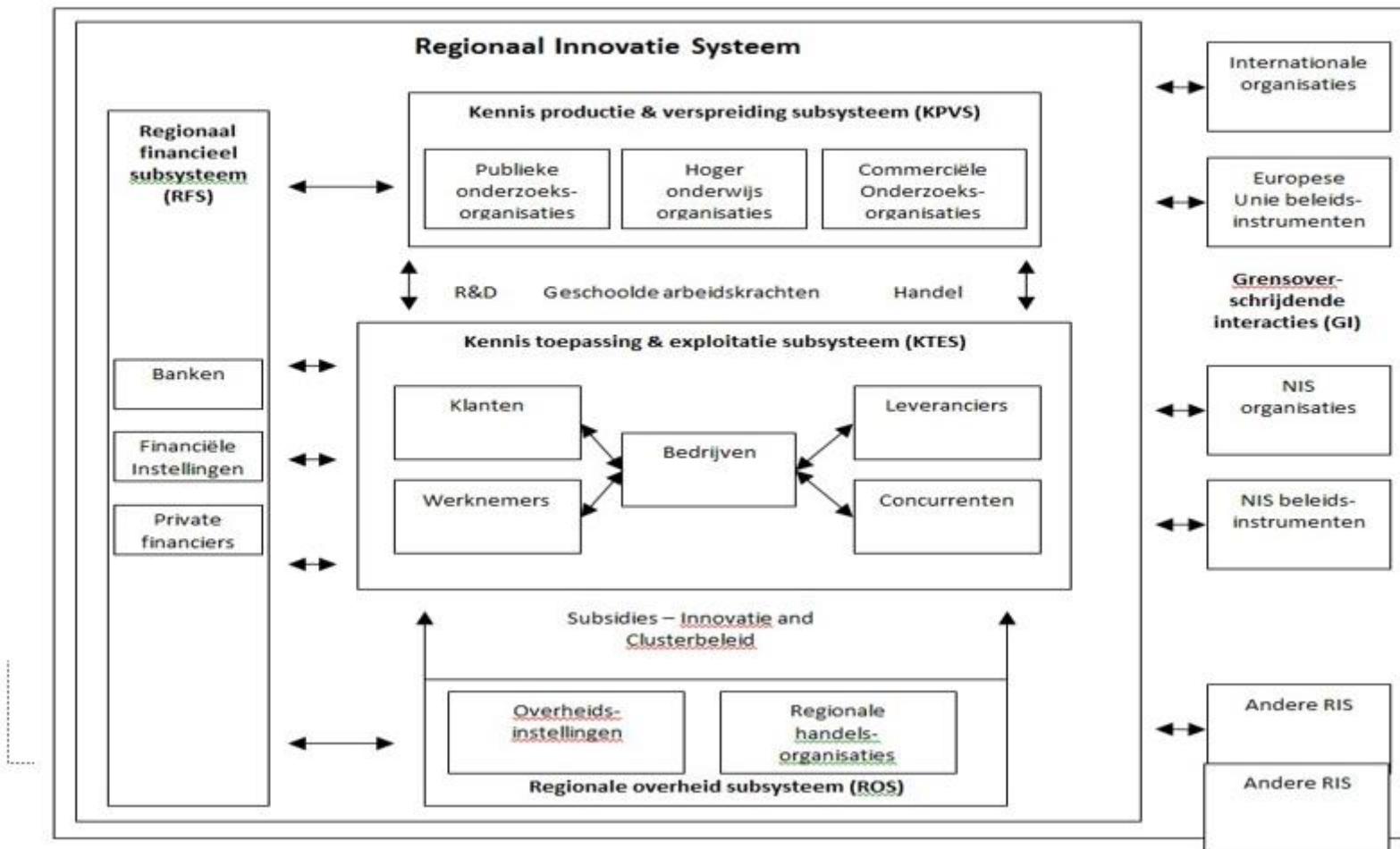
- soft infrastructure
- spillover economies
- 'Active' promotion of innovation

3rd generation
S3

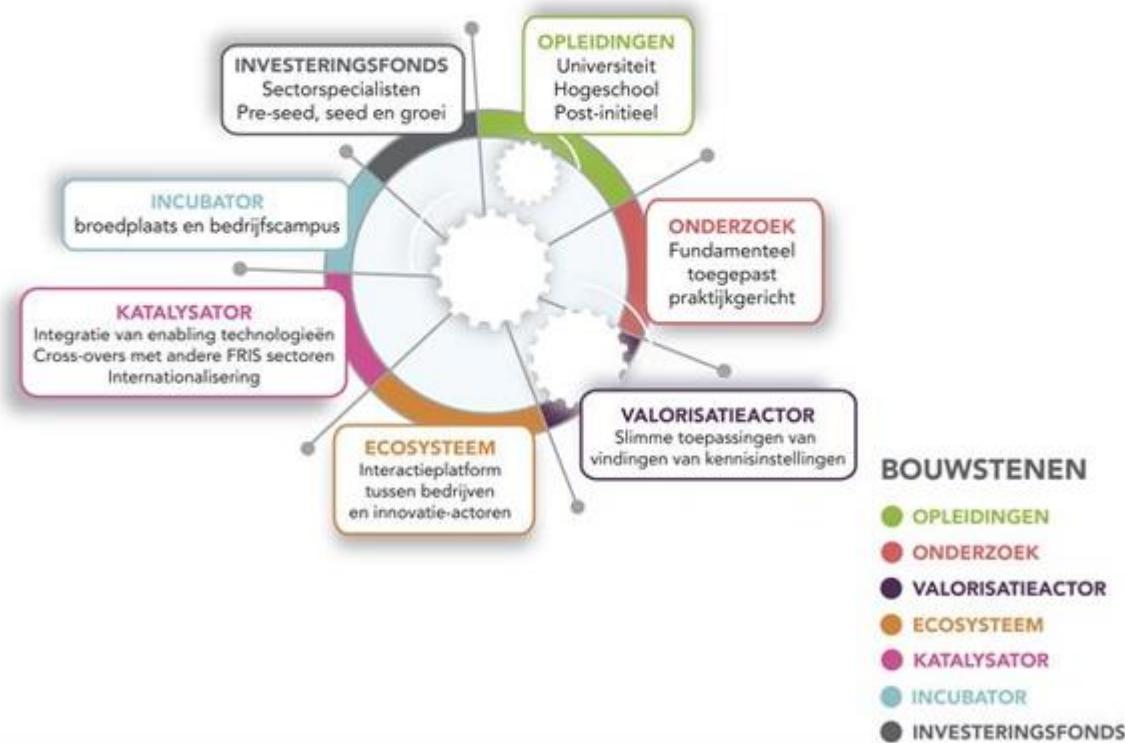
- strategic capacities
- integration economies (VC)
- 'Dynamic' promotion of transformation

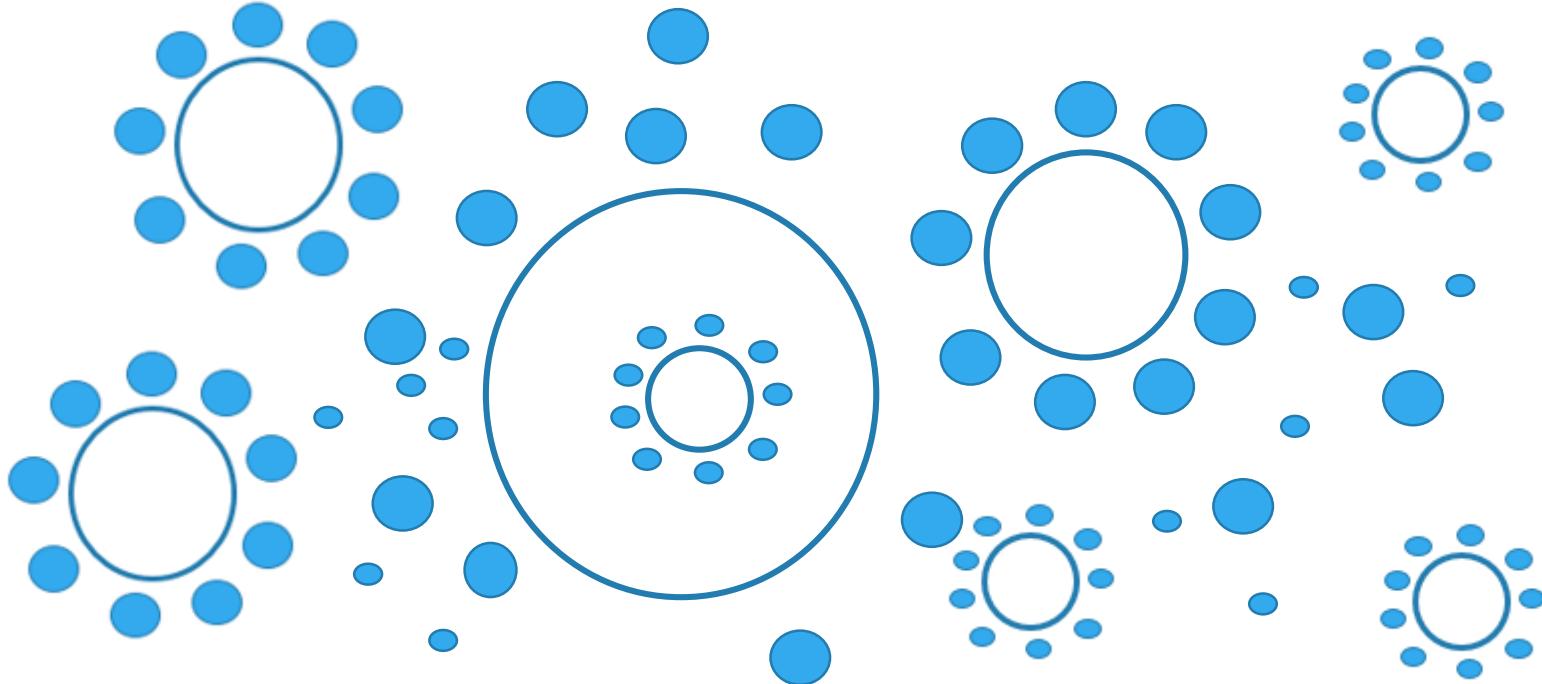


Sleutelelementen van een regionaal innovatiesysteem



FRIS – SALK 2,0





VIAIO NETWERK 220 partners

- 5 Speerpuntclusters
- 14 Innovatieve bedrijfsnetwerken
- 4 Strategische onderzoekscentra
- 100 Incubatoren
- 20 Technologiecentra



Institute for Innovation and Public Purpose



Mission-Oriented Innovation Policy: Challenges and Opportunities

Mariana Mazzucato
Professor in the Economics of Innovation and Public Value
Director, Institute for Innovation and Public Purpose
University College London

Working Paper
IIIPP WP 2017-01

September 2017



Nieuwe instrumenten



Proeftuinen voor ontharding



Deel II : IN PRAKTIJK



A three steps entrepreneurial discovery process



VISIE



Transition / Vision 2050



Industry 4.0

Flanders strives to become a leader in new technologies and concepts in industry 4.0 such as 3D printing, artificial intelligence, nanotechnology, robotics and other innovations. In so doing, it can strengthen its competitiveness and maintain prosperity in a rapidly changing world.

<https://www.vlaanderen.be/nl/publicaties/detail/vision-2050>

Memorandum - naar een “Robuust watersysteem Visie 2050”



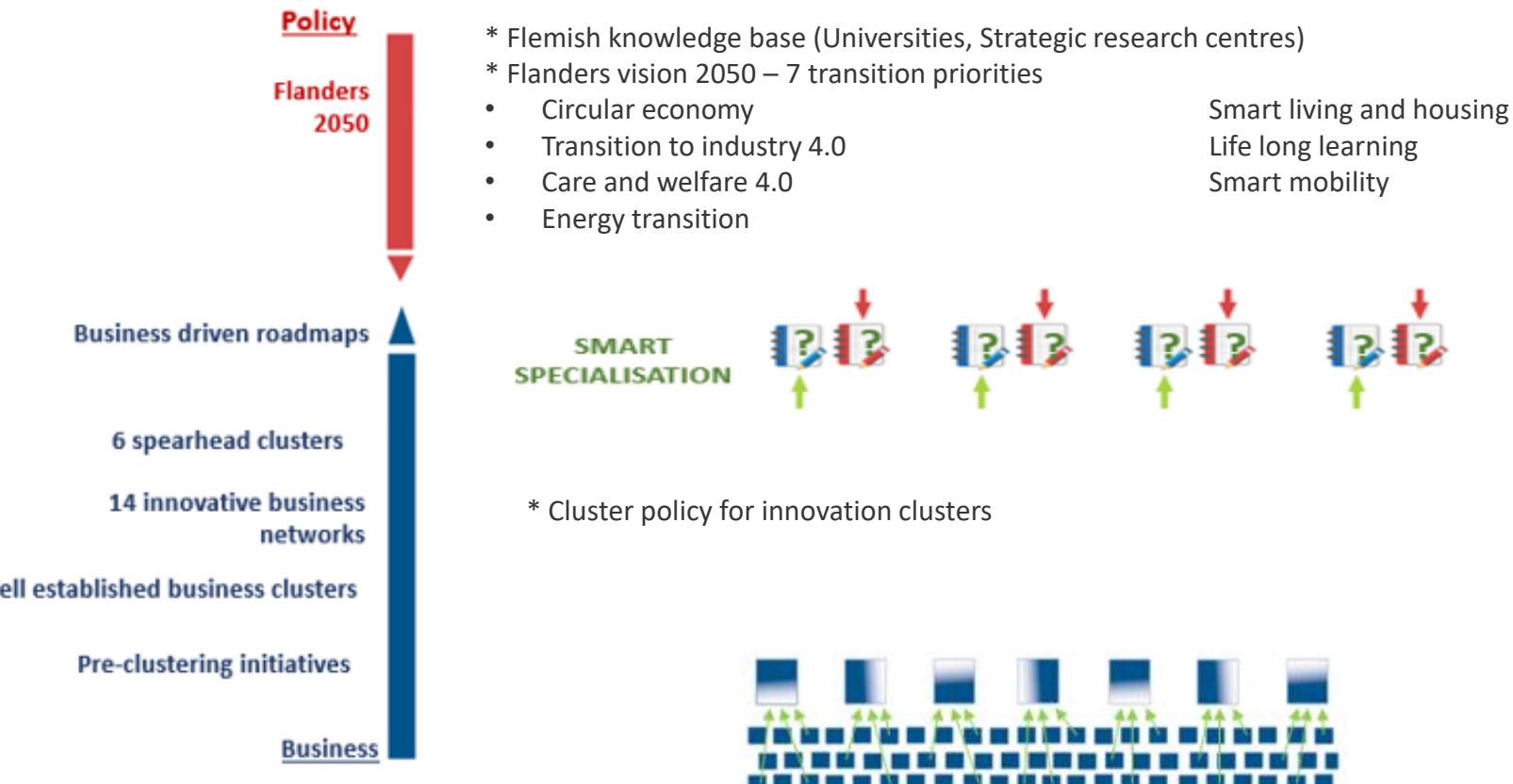
Derde Waterbeleidsnota





STRATEGY

2018 update for Smart Specialisation Strategy for Flanders



CATALISTI

WE MEAN BUSINESS

HOME NEWS EVENTS PROJECTS CALL FOR PARTNERS MEMBERSHIP ABOUT US

Projects



Renewable Chemicals

- BAFTA Completed
- SPICY Completed
- SweetEst Completed
- ValBrain Completed
- ATOL Completed
- EnzymASE Completed
- ARBOREF Completed
- MAIA Completed
- BIOCAPPs Completed
- iAlgaePro Completed
- LipaMetrics Completed
- LIGNIWASTE Completed
- CHITINSECT Completed
- Bio War Completed
- AMBER Completed
- Biovertol Completed
- DEMOSPIR Completed
- OMEGA-Extract Completed
- Flemish Algae Platform Completed

Sidestream Valorization

- MATTER Completed
- RECYCOAT Completed
- CO2PERATE Completed
- ATTRACT Underway
- CAPRA Completed
- SuMEMS Completed
- PROFIT Completed
- Symbiose Completed
- PU-RE Completed
- BlueChem Completed

Advanced Sustainable Products

- RESCD Completed
- TESPA Completed
- FREE FOAM Completed
- FRoptiPLAST Completed
- BEEHAPPY Completed
- ASOPUS Completed
- Alifibond Completed

Process Intensification

- DAPS Definition
- DIGICHEM Completed
- Particles In Flow Completed
- SUCCeSS Completed
- ATOM Completed
- Plant on a truck Completed



SuMENS

Sustainable membrane technology-based solutions for solvent-rich wastewater treatment



Project type: ICON

Approved on: 26/10/2017

Duration: 01/08/2015 – 31/01/2020

Total project budget: EUR 1.520.228

Subsidy: EUR 1.271.039

Partners:

VEG-I-TEC



Afvalwater ARDO gebruikt voor beregening landbouwgrond





Voor meer info :

Bernard De Potter
VMM

b.depottter@vmm.be

www.vmm.be

053/726200