"Strategie ed esperienze regionali per la digitalizzazione delle PMI"



Le esperienze delle regioni europee: Fiandre (Belgio)

Bernard De Potter Agenzia per l'innovazione e le imprese





Flanders: main indicators

	Year	unit	Elanders	Belgium	EU-28
Surface area		km2	13.521	30.528	4.381.376
Population.	1/1/2015	million	6,44	11,21	508,29
GDP in current prices	2015	billion	239,2	409,4	14.693,00
		euros			
Export	2015	billion	300,6	350,6	
		euros			
GERD	2014	billion	5,738	9,875	271,559
		euros			(2013)
GDP per capita	2015	euros	32.000	36.500	28.800
Employment rate (20-64 years of agel	2015	%	71,9	67,2	70,0



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Flanders: economical policy

The coalition agreement for the 2014-2019 Flemish Government announced a number of changes

- a demand-driven and market-oriented public policy in the field of economy and innovation;
- a simplification and rationalization of structures and instruments with faster and easier procedures,
- more transparency, better client-friendliness and a clear one-stop-shop function;
- a higher focus on business-oriented innovation and valorisation, strong knowledge organizations
- with excellent research and a growth path for the 3% target for R&D, whereby public outlays strive towards 1% by 2020.





FLANDERS INVESTMENT & TRADE



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Flanders: economical sectors

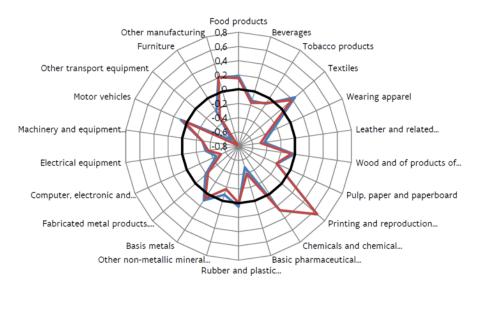
strong international specialisations (intermediate position in value chains)

- petrochemical sectors (the Antwerp harbour is home of the largest cluster in Europe)
- chemicals (exc. pharmaceuticals)
- basic metals

competitive "traditional" sectors:

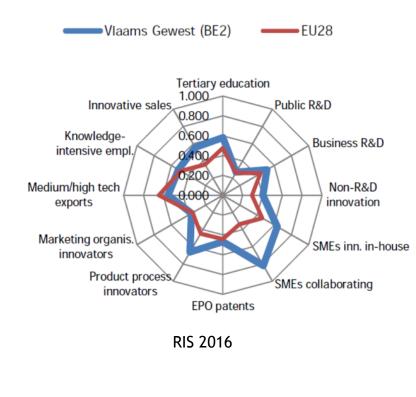
- foods and beverages (largest industrial sector in terms of employment)
- textiles sector has been undergoing a restructuring process to remain competitive and has thus strongly transformed
- transportation products remain relatively high, though the mass automotive sector has been restructuring and delocalizing

niches with international potential within the traditional sectors (e.g. sludge treatment, specialized logistics for food and pharmaceuticals,...)

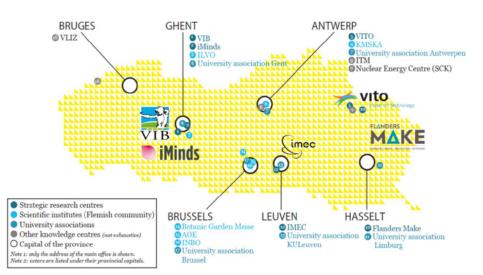




Flanders: R&I



2014 public funding/GDP = 1,68% private funding/GDP = 0,78% total funding/GDP = 2,46 TOSCANA TECH



https://www.vlaanderen.be/nl/publicaties/detail/sti-in-flanders-science-technology-and-innovation-policy-and-key-figures-2015-1



The leap towards Industrie 4.0



Transition towards Industry 4.0 is part of Vision 2050



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



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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.

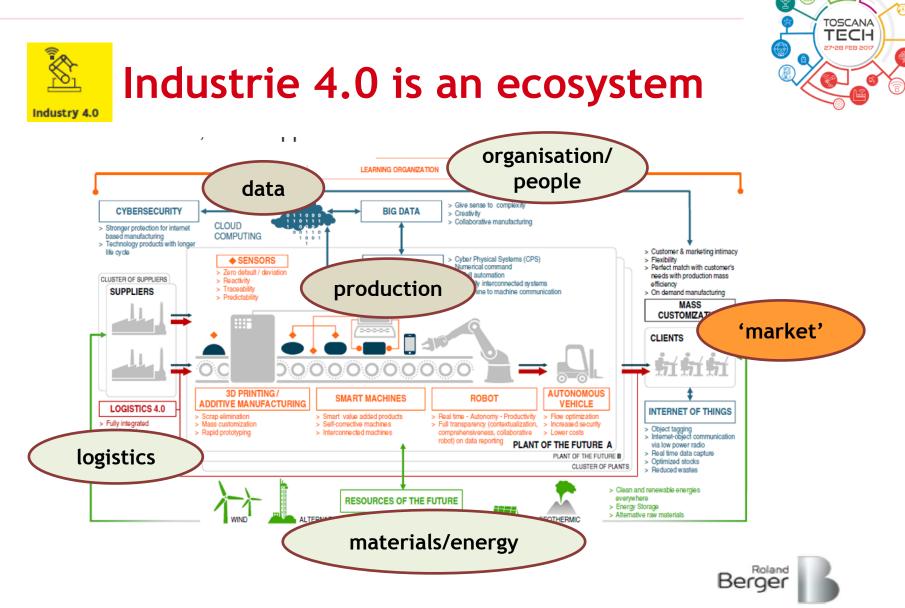


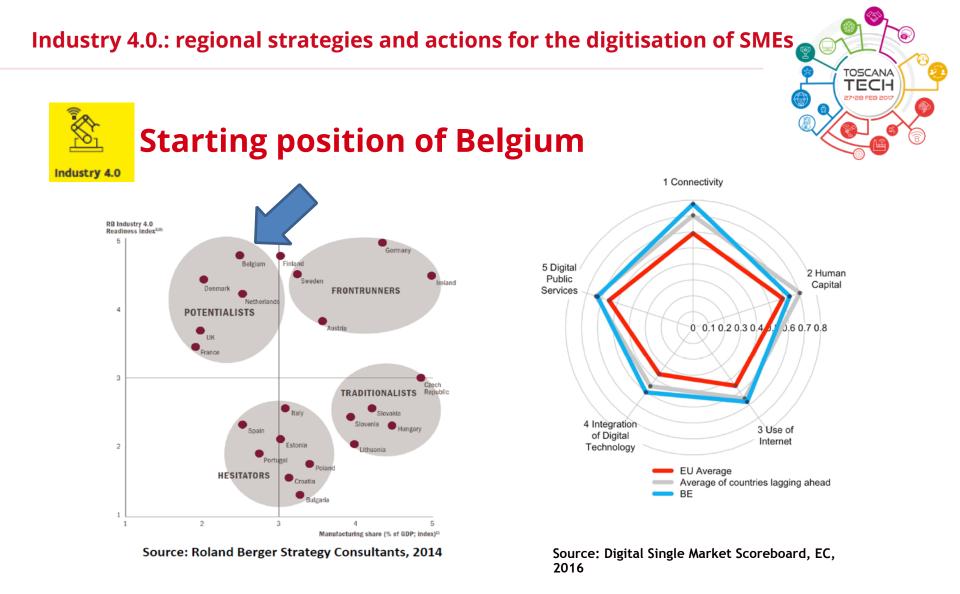


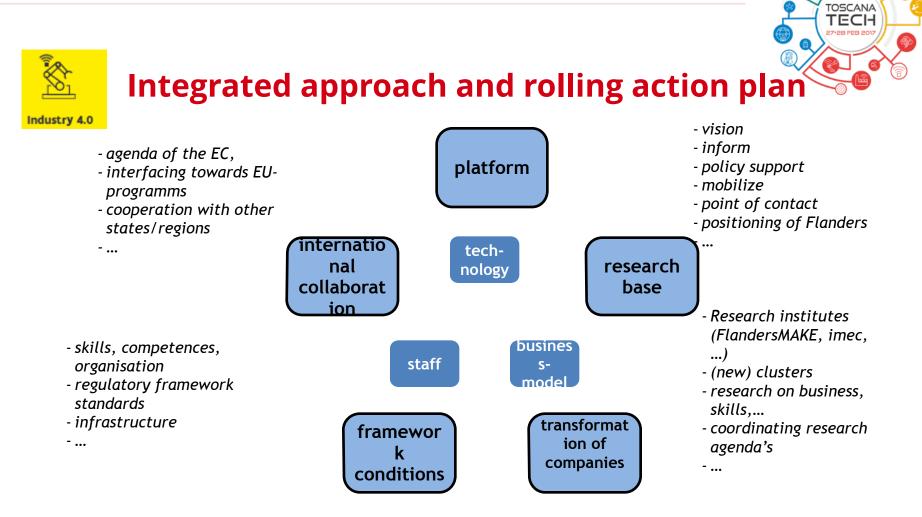
- a policy note has been presented to the Flanders' government
- main principles
 - the transition towards Industry 4.0 is an absolute necessity
 - the transition towards Industry 4.0 needs an ecosystem approach
 - technology is the enabler, the 'market' is the driver
 - Flanders/Belgium has a good starting position
 - the support towards companies should be integrated:
 - business people technology
 - the rolling action plan has 5 axes
 - mainly coordination, new action if necessary
 - collaboration is key in the development



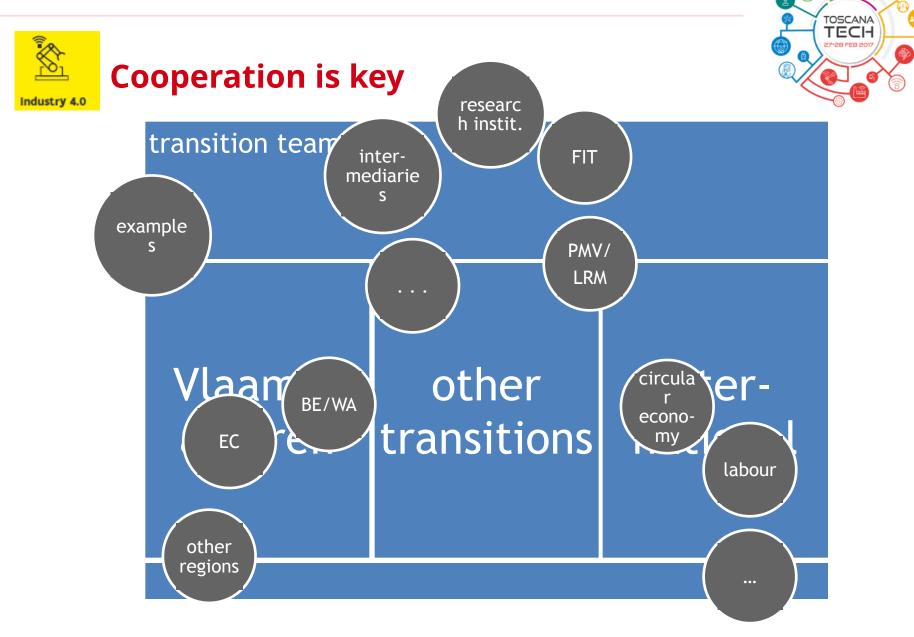








- instruments of the agency
- innovative company networks
- fieldlabs, demos, pilots
- coordinating the offer to companies







Next steps:

- setting up the structure and rolling out of the action plan
- special attention to the setting up of fieldlabs, demos and pilots
- Strong collaboration with other transitions
- Open to cooperate with other regions

International Cooperation

- EDRF
- NCP HORIZON 2020
- Enterprise Europe Network
- Vanguard
- Smart Specialisation for Industrial Modernisation

Thank you very much for your attention

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