FLANDERS INNOVATION HUB FOR SUSTAINABLE CHEMISTRY: FLANDERS PRIVATE PUBLIC PARTNERSHIP ON CHEMISTRY

JAN VAN HAVENBERGH, MANAGING DIRECTOR
Sustainability landscape

Resources
- Need for alternatives to fossil fuels
- A more efficient use of minerals is required

Processes
- Need for safer, environmentally friendlier processes
- Need for better control of processes

Products
- Absolute control of waste
- Sustainable products instead of disposables
Chemical industry

Labour creation
89,700 direct & 150,000 indirect jobs

- Chemical industry: 17.70%
- Total processing industry: 82.30%

Trade balance
- Billion €
- 2000: 10
- 2005: 15
- 2010: 20

R&D expenditures
- Billion €
- 2002: 1.5
- 2007: 2.5
- 2012: 3.0

Investments
- 1.61 billion euro in 2012

- Chemical industry: 26.00%
- Total processing industry: 74.00%
The Global/European picture

ViA – “Flanders in Action”

Innovation Centre Flanders

New Industrial Policy Flanders

“Transformation through innovation” (Industrial innovation policy)

Europe 2020

Innovation Union

Industrial Policy for the Globalisation Era

Europe 2020

Innovation Centre Flanders

New Industrial Policy Flanders

“Transformation through innovation” (Industrial innovation policy)
The foundation of FISCH

Chemical industry  
Flemish government

Catalyzing the transition towards sustainability by stimulating innovations in chemistry.

FISCH identifies innovations in all aspects of the chemical value chain and facilitates, promotes and catalyzes the process of valorization.
How to reach our goal

By setting up **innovation projects**
that focus on **collective interests and gains**
using the principles of **open innovation**
within **7 sustainability themes (innovation programs)**

**Creation of collective interests and gains**
- Efficient use of available means
- Leverage the results
- Stimulate regional research and competence centers

**Open innovation**
- Collaboration with multiple (at least 3) companies & research centers
- Regionally anchored (value)chain projects
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<td>Miniature chemical factories</td>
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Project types

FISCH will bridge the “Valley of Death”

FISCH workfield
FISCH operational

Team: 6 FTE
- Identify, stimulate and support research projects

Allocated budget
- Developing roadmaps for all 7 innovation programs
- Financial support for R&D and valorisation activities

Extra
- Cross-sectoral network
Project procedure

Specific innovation problem or opportunity supported by industry

Draw up Request For Partners (RFP)

Call for Partners:
  sent out RFP to FISCH network

Parties subscribe to RFP:
  Short proposal

Close consortium:
  Selection best proposals by industry partners

Write full project proposal

Submission to and evaluation by IWT

Identification of opportunities and matching driving industrial partners

Set up work packages and select execution partners

Write-up project proposal

Submit for approval funding
Advantages

For companies and knowledge institutions:

- **Focused** goals & targets
- **Fit with the agenda & goals of the** New Industrial Policy
- **Access to an earmarked FISCH project funding budget**
- **Access to a broad network** of innovative partners
- **Support** with the initiation of project by the FISCH team
- **Access to knowledge and competences**
How to get started

You have a project idea or potential opportunity, with or without partners identified

- FISCH team can help to define a project
- FISCH can identify necessary partners and facilitate the cooperation
- FISCH can provide support from it’s own earmarked budget

Contact the FISCH-team
Thank You!
Questions?

Go to www.fi-sch.be and register to receive notifications about upcoming projects!