

Verslag Bart De Moor

- missie minister-president Israel - Palestina dd. 02/06-05/06 2012
 - prinselijke missie Japan dd. 09-15/06 2012
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Israel-Palestina

- Bijlage: corporate presentatie onderzoekslandschap Vlaanderen + programma alle delegaties
- Delegatie o.l.v. Kris Peeters, minister-president
- Objectieven: politieke, economische en academische diplomatie
- Deelnemers academische delegatie: KU Leuven (Bart De Moor, Marc Vervenne), UG (Paul Van Cauwenberghe, rector), UA (Johan Meeusen , vice-rector; Herman Van Goethem, curator Dossin kazerne; Vivian Liska (centre for Jewish Studies)), VUB (Kim Vanderborcht , expert).
- Bezoek Weizmann Institute
 - Toelichting door Haim Garty, vice-president (president = Belg Daniel Zaijman)
 - Endowment 7 mia USD, 1 nobelprijs
 - Top performant in ERC en FP7
 - Curiosity driven research maar toch zeer succesvolle TT
 - Presentatie Vlaams Onderzoekslandschap (bijgevoegd)
- Toelichting Israel Science Foundation
 - Prof. Benny Geiger, head Academic Council ISF
- Bezoek/Interactie Interdisciplinary Center Herzliya
- Walking dinner op Belgische Ambassade
 - Met talloze Belgische Alumni, waaronder KU Leuven
- Bezoek Yad Vashem
 - Memoriaal Holocaust
 - Link met herdenkingen WO I (verder te bespreken in betreffende commissie)
 - Opening memoriaal Dossin Kazerne
- Diner Consulaat Jeruzalem

- Thema: hoe kunnen universiteiten bijdragen tot de dialoog ?
- Deelnemers: Vlaamse, Palestijnse, Israelische academici + politieke delegatie
- Ontbijtvergadering Rammalah met Palestijnse universiteiten
 - Grootste bottlenecks: financiering universiteiten; mobiliteit van staf en studenten
 - Projecten: Trauma en Transformatie, toelichting stand van zaken door Marc Vervenne
 - Voorstelling van succesvolle Palestijnse - Vlaamse samenwerkingen
 - Institute of Modern Media (Al-Quds) (VLIR-UOS project)
 - Al Kamandjâti Music School bezoek
 - Bezoek Birzeit universiteit m.i.v. voorstelling Vlaams-Palestijnse samenwerking (o.a. oprichting en ondersteuning sinds 15 jaar van Law Faculty (o.a. KU Leuven))
 - Onderhoud met delegatie UNESCO - PEACE
- Council for Higher Education: Planning and Budget Committee, Jeruzalem
 - Moshe Vigdor, Directeur Generaal
 - Beslist over verdeling onderwijs-onderzoek, eerste en tweede geldstroom
 - Wens tot samenwerking i.v.m.
 - mobiliteit studenten (Tempus, Erasmus, Erasmus Mundus)
 - afstemming Hoger Onderwijs m.b.t. Bologna proces
- Actiepunten
 - FWO dossier Israel en Palestina
 - auteur: Kim Vanderborght (200 000 € FWO + 200 000 € Israel (mits 'politieke' voorwaarden; 200 000 € FWO ivm Palestina)
 - coordinatie Bart De Moor
 - Projecten Trauma en Transformatie: dossier voor financiering overmaken aan MP, in kader van memorial WO I (auteur: Marc Vervenne)
 - KU Leuven lidmaatschap en commitment UNESCO - PEACE (actie: Bart De Moor)

Japan

- Delegatie: 300 deelnemers: Prins Filip, Prinses Mathilde; Politici (Armand De Decker, Marcourt, Lieten), CEO's, academici, diplomaten
- Academische delegatie: KU Leuven (Bart De Moor, Dimitri Van Overbeke, Bart Hendrickx), IMEC (Luc Van den Hove, Gilbert Declercq), VIB (Lieven Ongena);
- Bezoek bedrijf Toray in aanwezigheid van minister Lieten
 - in kader van recente leerstoel door Toray aan prof. Ignace Verpoest
 - commitment tot identificatie van verdere onderzoekssamenwerkingsmogelijkheden
 - brief door bdm aan CRO Toray - e heer Deguchi - met actiepunten (na overleg met Verpoest)
- Energieseminarie EU Environment an Energy Regulations: Moderatie door prof. Dimitri Van Overbeke
- Presentatie Belgisch universitair en onderzoekslandschap in aanwezigheid van Prinses Mathilde en Marcourt, voor 50 Japanse genodigden in Tokyo, door Didier Viviers (rector ULB) en BDM, georganiseerd door JASSO (Japanese Student Services Organization).
- Ondertekening samenwerkingsakkoord Meiji university in aanwezigheid van Prins Filip
 - **Citation reads:** Meiji University was founded in January 1881 as the Meiji Law School. Meiji University is one of the most prestigious institutions for learning and education in Japan counting more than 35,000 students. Continuing its growth without ever ceasing to ring the chimes of liberty, Meiji University has expanded as one of the prominent private universities of Japan, celebrating its 120th anniversary in 2001. With Rights, Liberty, Independence and Self-government as its guiding principles, Meiji University ranks solidly among the best universities in Japan. In the past collaboration between researchers at Meiji University and at the KU Leuven have proved very fruitful. This collaboration was mainly waged between researchers at the faculties of law, political and social science and at the Japanese Studies sections in the Art Faculty of both universities. The academic agreement which is signed today symbolizes the wish of the representatives of the KU Leuven and Meiji University to even further develop high quality academic collaboration at various levels and in many disciplines.
 - Uitnodiging rector + vicerector Meiji naar Leuven
- Overleg met the Japanese Society for the Promotion of Science, in aanwezigheid van minister Lieten
 - Afspraak: bestaande agreements - 3 a 4 postdocs per jaar van en naar Japan - intensifiëren
 - Actiepunt: overleg door BDM met FWO
- Bezoek Waseda university in aanwezigheid van minister Lieten
 - Ontvangst door president/rector (en over middag schitterende lunch)


- Overzicht van samenwerkingsakkoorden
- Presentatie van beide universiteiten van beleid inzake technologie transfer
- Uitnodiging president Waseda naar Leuven
- Onderzoek samenwerkingsopportunities in kader van EDGE (actiepunten in brief BDM naar Waseda)
- Werkbezoek aan RIKEN (meer bepaald Brain Science Research Department) in aanwezigheid van minister Lieten
 - Toelichting RIKEN
 - Toelichting Alzheimer onderzoek @ Riken (o.a. ism Bart de Strooper)
 - Korte voorstelling NERF door BDM
 - Voorstelling 'spinoffs' ADX Neuroscience, Remynd en Icometrix
- Bezoek aan Kansai University (Osaka)
 - Ontvangst door rector en vice-rectoren
 - Oudste samenwerkingsakkoord met KU Leuven dd. 1986.
- Diner in aanwezigheid van Prins Filip met Kankeiren (=VBO/VOKA van Osaka)



Science and Innovation in Flanders

Prof. Dr. Bart De Moor
Vice-rector International Policy KU Leuven


V L I R Vlaamse
Interuniversitaire Raad



Setting the stage


- Primary competence for Science and Innovation Policy at the level of the communities and regions:
 - All academic research at universities
 - Industrial research and development, innovation
- Federal authority: some residual competences:
 - Space research
 - Policy oriented research (support of own competences, e.g. Justice, Foreign Policy, ...)
 - 10 federal Scientific Institutions (e.g. National Library, Meteorological Institute, ...)
 - Fiscal policy

BELGIUM
THE FEDERAL STATE




THE COMMUNITIES


THE FLEMISH COMMUNITY



THE FRENCH COMMUNITY




THE GERMAN-SPEAKING COMMUNITY




THE REGIONS


THE FLEMISH REGION



THE BRUSSELS CAPITAL REGION



THE WALLON REGION



2 **V L I R** Vlaamse
Interuniversitaire Raad

Academic Actors in the Flemish Science and Innovation System

6 universities

- Catholic University Leuven (KUL - 30.425)
- Ghent University (UGent - 28.728)
- University of Antwerp (UA - 11.474)
- Free University Brussels (VUB - 9.052)
- Hasselt University (Uhasselt - 1.514)
- Catholic University Brussels (KUB – 235)



Student numbers 31/10/2011

3 **VLIR** Vlaamse Interuniversitaire Raad

6 universities

- Catholic University Leuven (30.425)
- Ghent University (28.728)
- University of Antwerp (11.474)
- Free University Brussels (9.052)
- Hasselt University (1.514)
- Catholic University Brussels (235)

22 university colleges

- Association K.U.Leuven (94.511)
- Association UGent (64.003)
- Association Antwerp (34.943)
- Association Brussels (14.488)
- Association Limburg (10.844)

		2011/2012	2001/2002
University Colleges	Professional Bachelor	103.109	57.708
	Academic Bachelor / Master	29.222	26.311
Universities	Academic Bachelor / Master	83.119	73.982
Total		215.450	158.001

Student numbers 31/10/2011

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Strategic Research Centres

- Interuniversity Micro-Electronics Centre (IMEC)
- Flemish Institute for Biotechnology (VIB)
- Institute for Broadband Technology (IBBT)
- Flemish Institute for Technological Research (VITO)

- Centre for Medical Innovation (CMI)
- Strategic Initiative Materials (SIM)



Strategic targets for Flemish Science & Innovation Policy

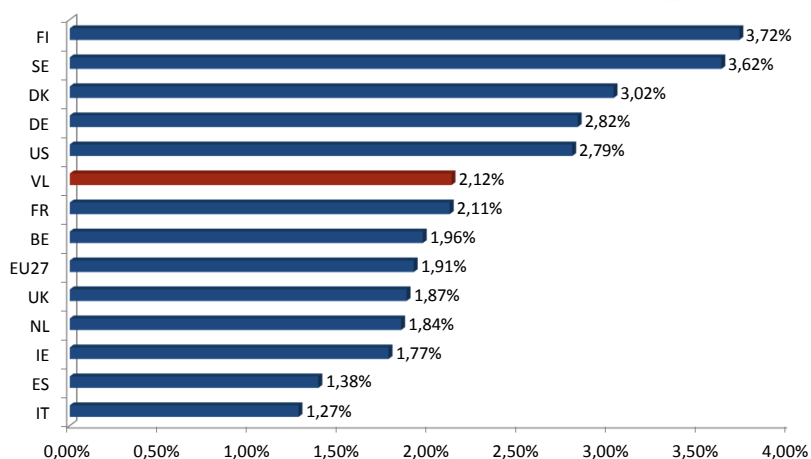
- Strengthen excellence and dynamism of cutting-edge non-oriented research as a fundament for innovation;
- From idea to economic commercialisation, market results and societal impact;
- More creative and innovative entrepreneurship;
- Focus on economic clusters, thematic spearheads and large projects;
- Flanders as an international player (e.g. fully-fledged partner in the European research and innovation area);
- Increase opportunities for research talents;
- More streamlined and output-driven research policy;
- A top research infrastructure.

- Target 3% of GDP on R&D.

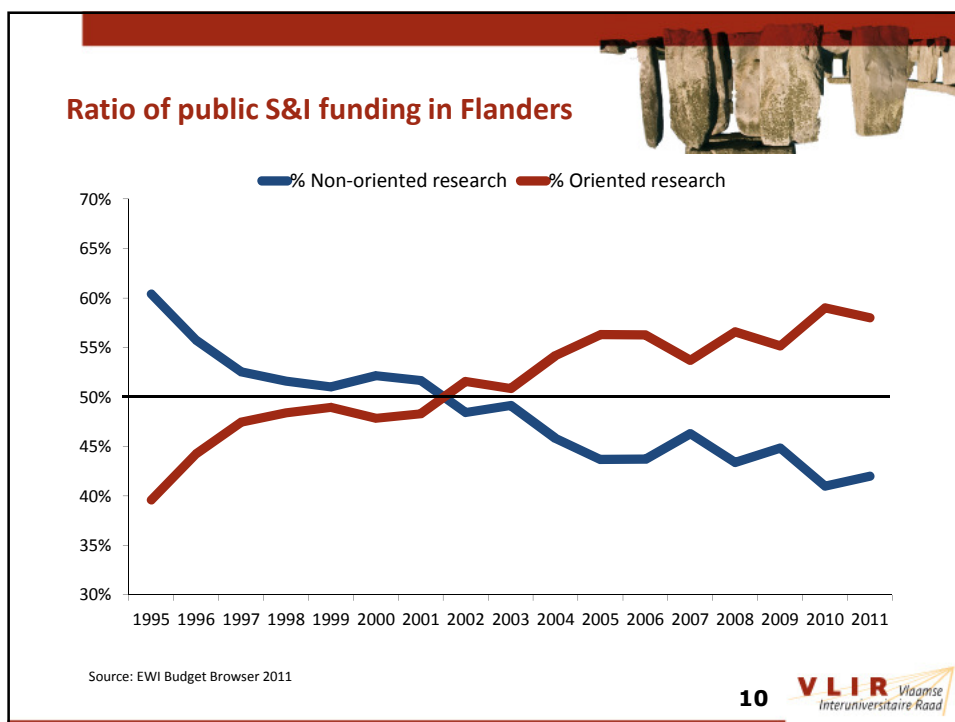
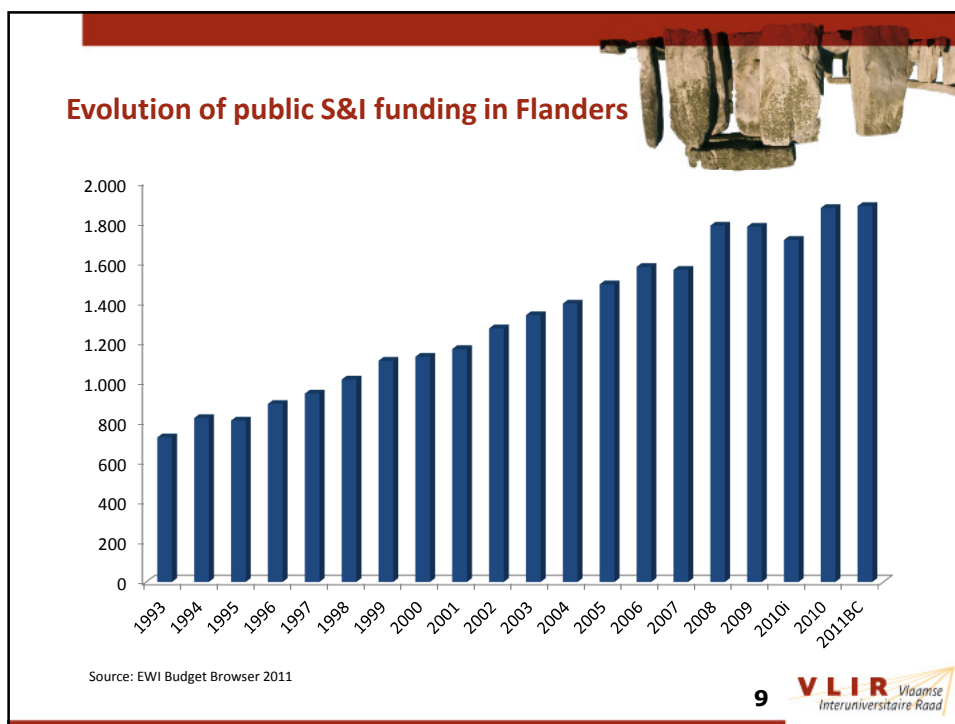
Some facts and figures on the Flemish Science & Innovation System

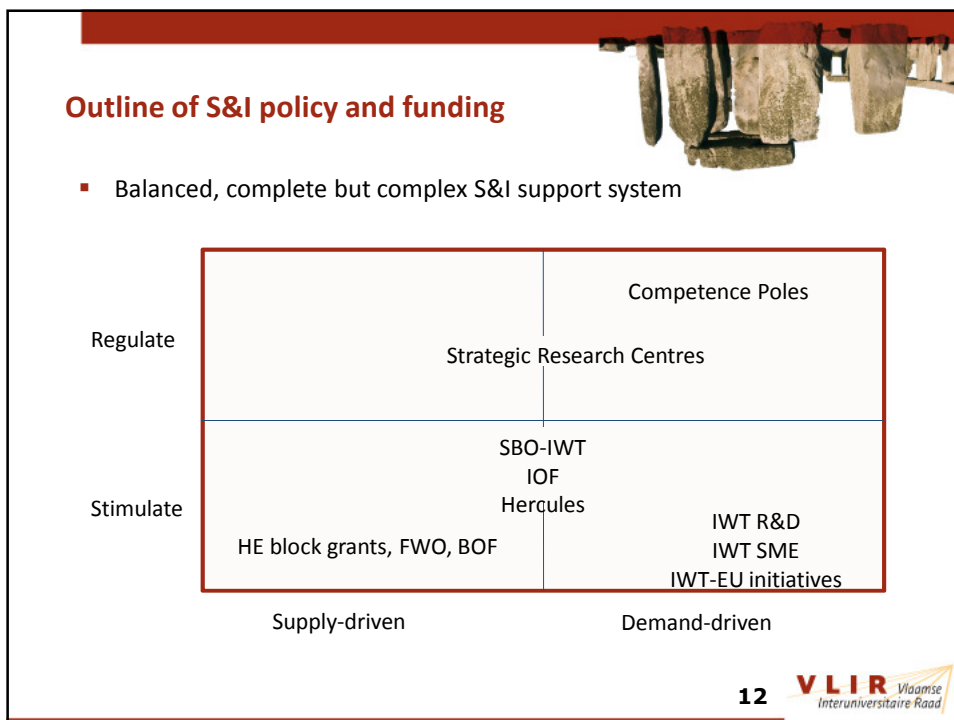
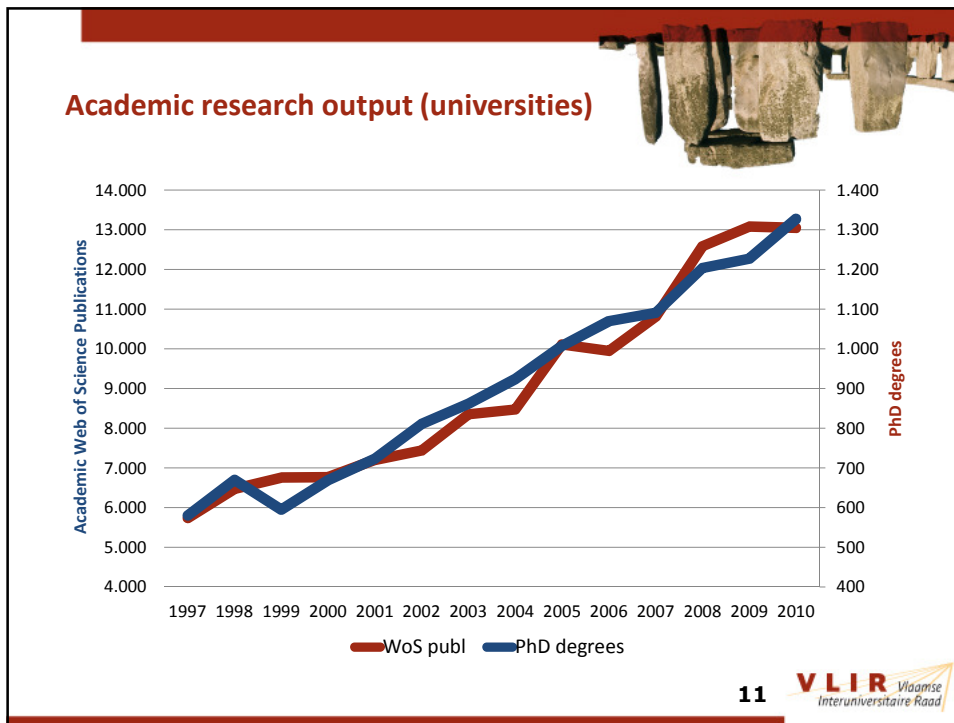
- R&D-investments: 2.12% GDP (2009)
 - Industry (BERD): 1.39%
 - Public (non-BERD): 0.73%
- Public budget for R&D: 1,231 million euro
- R&D personnel: 1.3% of the professional population
- Number of scientific papers: 0.89% world = 19,1 per 10.000 inhabitants (2009)
- 58% of all publications is internationally co-authored
- Number of EPO-patents: 116/million inhabitants (2008)
- PhD degrees awarded: 1,228 (academic year 2008/2009)

R&D Intensity (GERD/GDP 2009)

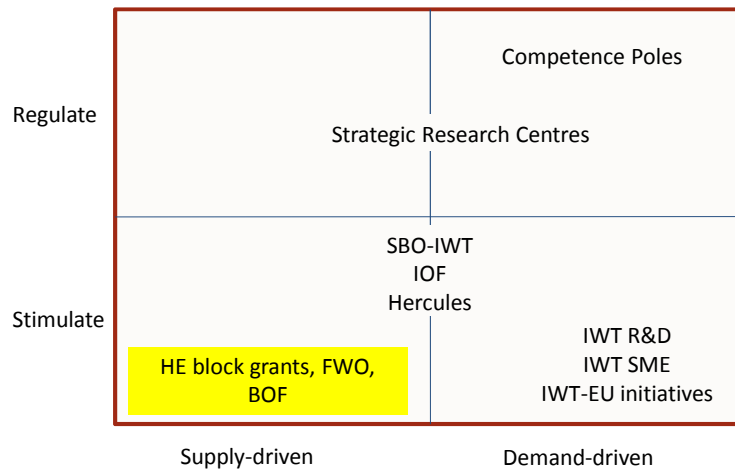


Source: OECD, Main Science and Technology Indicators, 2010/2





Outline of S&I policy and funding



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Non-oriented research

Principles

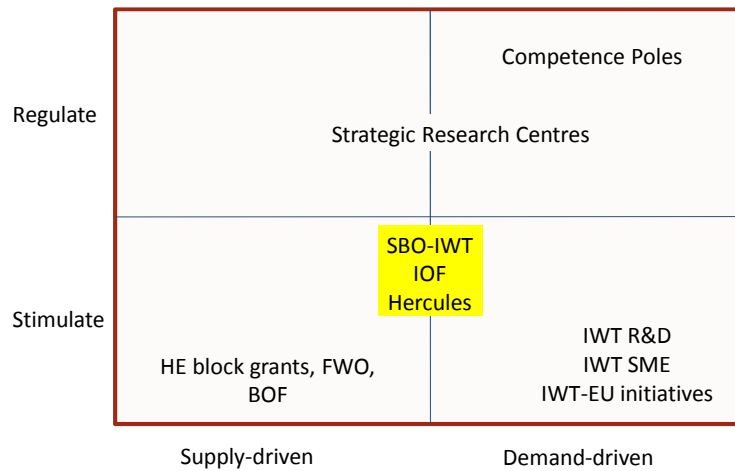
- Long term; sky-breaking research
- Selection based upon excellence
- 'Bottom-up' approach: initiated by the researcher / research group
- Mostly universities

Main funding streams

- Universities' basic allowance (25% for research)
- Special Research Fund: research block grant (> universities' Research Council)
 - Methusalem: long term funding for most excellent researchers
- Fund Scientific Research – Flanders: interuniversity competition
 - Odysseus: research professorships at Flemish universities for internationally recognised researchers with an established foreign career

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Outline of S&I policy and funding



Strategic oriented research

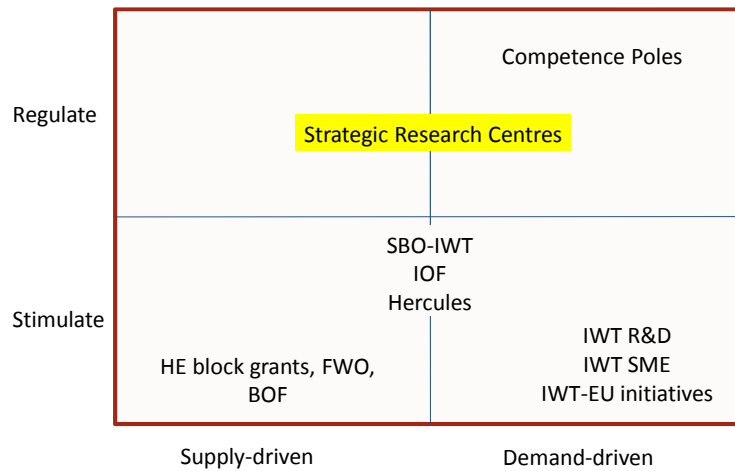
Principles

- Long term; research with relevance towards economic valorisation and/or society
- Mostly bottom-up approach

Main funding streams

- Industrial Research Fund: research block grant (> universities' Industrial Research Council)
- IWT-Research Programmes:
 - Strategic Basic Research (SBO)
 - Baekeland mandates: doctoral programme in combination with industrial activities
- Hercules: research infrastructure
- Policy oriented research

Outline of S&I policy and funding



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Strategic Research Centres

Principles

- Top down prioritised research centres, mainly with interuniversity teams

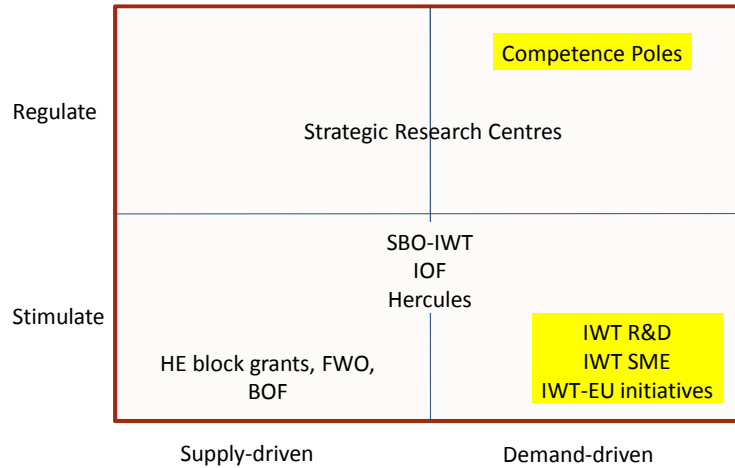
4 strategic research centres

- IMEC - Interuniversity Micro-Electronics Centre (°1984)
- VITO - Flemish Institute for Technological Research (°1993)
- VIB - Flemish Institute for Biotechnology (°1994)
- IBBT - Institute for Broadband Technology (°2004)

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Outline of S&I policy and funding



Applied research and innovation

Principles

- Short term; technological innovation in Flemish companies
- Demand-driven; research initiated by companies and/or industrial umbrella organisations

Main funding streams

- IWT-Research Programmes:
 - Direct R&D support, specific targeted programmes for SME's
- Competence Poles
 - Precompetitive research for industrial sectors (Flanders' Drive, Flanders' Food, Flanders' Plastic Vision, etc...)