



IMPACTSCAN4INNOPOL

*Partner Region Presentation
IWT-Flanders*

Bernard De Potter – Kick-off meeting, Brussels - June 27-28th, 2005



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Flemish Institutional Profile



Industry

Government
Ministries of the Flemish Region

International Organisations

VRWB VLIR KAWLSKA KAG
Advisory Committees

AWI EWBL
Administrative Organisations

IWT FWO
Financing Organisations

Research dep. of Enterpr.
Private Research

Universities
HEI's

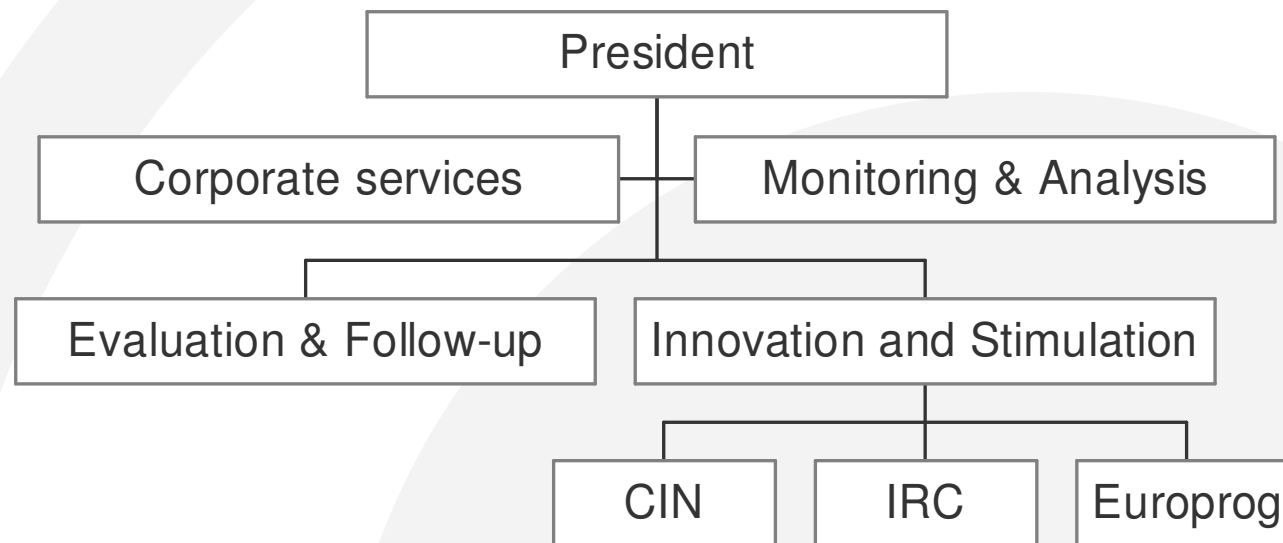
Central Services (4) Scientific Institutions (5)
Public Research Institutions (6) Subordinated Institutions (13)
Sectoral Centers of Collective Research (43) Non-Profit Private Institutions (13)
Semi-Public Research Institutions (8) International Organisations established in Belgium (5)
RTO's

Bridging Institutions



2. Structure of the Entity

- legal status : public body
- size : 117 persons
- main sources of income : Flemish Government allocation
- organization chart





3. Mission and Services

- *Mission statement or primary objective of the Entity*

"To support and assist companies and innovation intermediaries in their technological innovation plans"

- *Main service portfolio*
 - ✓ Financial support for R&D projects for companies
 - ✓ Financial support for research institutes and intermediary organisations
 - ✓ Services
 - ✓ Monitoring & Analysis



3. Mission and Services

- Financial support for R&D projects for companies (40%)
 - ✓ Eureka
 - ✓ Industrial basic research and industrial development
 - ✓ SME innovation studies and -projects
- Financial support for research institutes and intermediary organisations (60%)
 - ✓ Flemisch Innovation Network
 - ✓ Post-doctoral fellowship
 - ✓ Post graduate grants
 - ✓ Sectorial research institute
 - ✓ Strategic basic research at universities
 - ✓ University interfaces
 - ✓ Highschool technology transfer project (TETRA)
- Financial support for competence centres
- Financial support of knowledge centres



3.1 Research centres – main research organisations

- Interuniversity Micro-Electronics Centre (IMEC)
- Flanders Interuniversity Institute for Biotechnology (VIB)
- Flemish Institute for Technological Research (VITO)
- Institute of Tropical Medicine
- Flemish Marine Institute
- Centre for Agricultural Research
- Flanders' Drive (automotive industry)
- Flanders' Institute for Logistics (VIL)
- Flanders' Mechatronics Technology Centre (FMTC)
- Flanders' Innovation Centre for Communication in the graphical sector (VIGC)
- Flemish Broadband Research Institute (IBBT)
- Flanders Interactive Digital Television (iDTV)
- Incubation Point Geo-information (IncGeo)
- Port Community Services portal (PCS)



3.2 Knowledge centres

- BIL (welding)
- Centexbel (textile)
- CLO (agriculture)
- CLUSTA (steel)
- CORI (coating)
- CRM (metallurgy)
- CWOKBN (ceramics)
- OCCN (cement)
- OCW (road-construction)
- TCHN (wood)
- WTCB (building and construction)
- WTCM (technological industry)
- WTOCD (diamond)
- MIC (furniture)
- VKC (plastics)
- ALU (alloy)
- DSP Valley (signal processing)
- FMV (multimedia)
- INHAM (interior architecture)
- INV (glass)
- LSEC (security)
- Medianet
- PCS (horticulture)
- Telematics
- TNAV (waste water)
- VCBT (horticulture)
- VEI (electronical and electrical installations)
- VRI (aerospace)
- VSB (fuel cells)
- VSP (software)



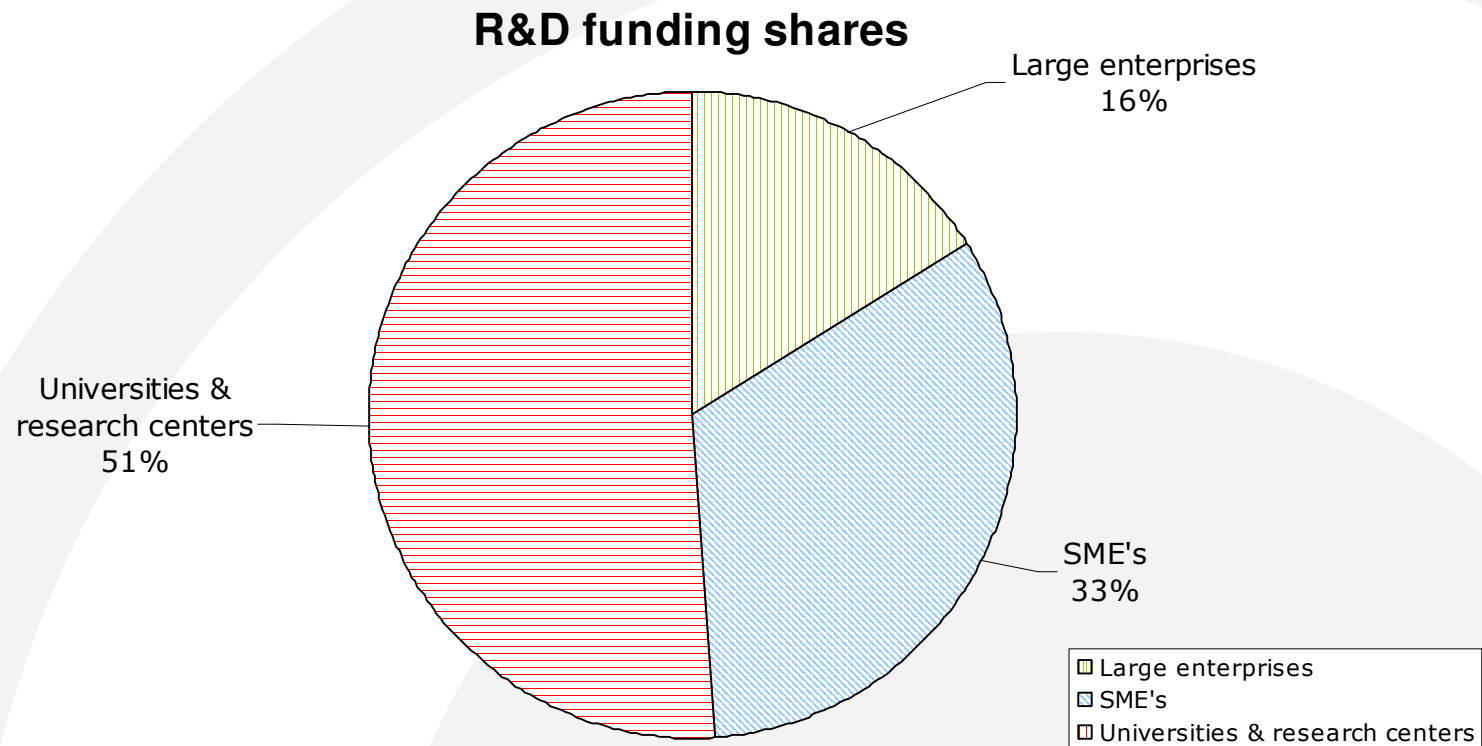
3. Mission and Services

- Services
 - ✓ EC Framework Programme
 - ✓ Flemish IRC
 - ✓ Information and Awareness
 - ✓ Innovation Network
 - ✓ Intellectual Property Rights
 - ✓ International Networks
 - ✓ Technology Transfer Events
- Monitoring & Analysis
- *Core-competences*
 - Funding of industrial research
 - Innovation support measures
 - Innovation policy support



4. Activities and target groups

R&D funding : €159 million spent in 2003





4. Activities and target groups

- Information transfer:
 - Info-desk
 - Innovation newsletter
 - Innovation e-news letter
 - Website
 - Press releases
 - Publications
- International networking
 - Six Countries programme (6CP)
 - TAFTIE
 - STRATA-MAP
 - IRE-network
 - ERA-net : COMPERA, MATERA, SUSPRISE, CORNET, ERA-SME, ETRANET, MNT
 - Bilateral contacts



4. Activities and target groups

- Technology transfer and innovation:
 - VIN : Flemish innovation network
 - VIS/CIN : Co-operative Innovation Network
 - ✓ Technological advisory services
 - ✓ Thematic innovation stimulation
 - ✓ Regional innovation stimulation
 - ✓ Collective research
 - Tetra-fund
 - Interface services towards Flemish universities
- Participation support in international programs
 - EC FP
 - SME support in the FP
 - ERA-Net
 - Eureka
- Innovation and valorisation support
 - IRC-Vlaanderen
 - IPR services



5. SWOT : Strenghts

- Close to policy-makers and regional authorities
- Network of innovation actors within the Intermediaries System
- Dedicated entity for Monitoring & Analysis
- Innovation audit for self-assessment of SMEs, based on best practices in business areas relevant to innovation
- Result-oriented reporting on innovation stimulation activities by the Intermediaries
- Tool for effectiveness assessment within the Flemish Cooperative Innovation Network
- Availability of database on Innovative Enterprises
- Familiar with European programmes, networking at European level and participation to inter-regional benchmarking initiatives



5. SWOT : Weaknesses

- Dependent on policy making
- Limited control over the actors behaviour
- Focus on "technological" innovation
- First version of the Innovation Profile tool needs improvement (interpretation context, unambiguous scoring)



5. SWOT : Opportunities

- Questioning current situation of Intermediaries model:
 - ✓ Critical and well-founded review
 - ✓ Focused improvements
- Explanatory analysis on the outcome of the benchmarking based on statistical data processing
- Transfer of best practices from other regions for encouraging policy-makers to implement successful policy measures and take concrete actions in Flanders
- Implementation of an impact assessment and performance measurement culture
- Differentiated and customized approach based on a segmentation of firms according to similarity in innovation potential (analytical CRM) for effective communication and campaign management
- Improvement of the Innovation Profiles tool for determining innovative behaviour of firms



5. SWOT : Threats

- Difficult implementation and change management regarding providers' role for better "supply matching demand"
- Impact of a possible redesign of the structure, the instruments and the operating model of the Intermediaries System
- Opening the "Box of Pandora" phenomenon, revealing unexpected issues



6. Regional context factors

Geographic, economic and institutional setting

- General regional information

- ✓ Surface 13.522 km²
- ✓ Population 5.995.553
 - ✓ 0-17y 20%
 - ✓ 18-64y 63%
 - ✓ 65y and + 17%

- ✓ Main towns + inhabitants

- ✓ Antwerp 452.474
- ✓ Ghent 228.016
- ✓ Bruges 116.811
- ✓ Leuven 90.406

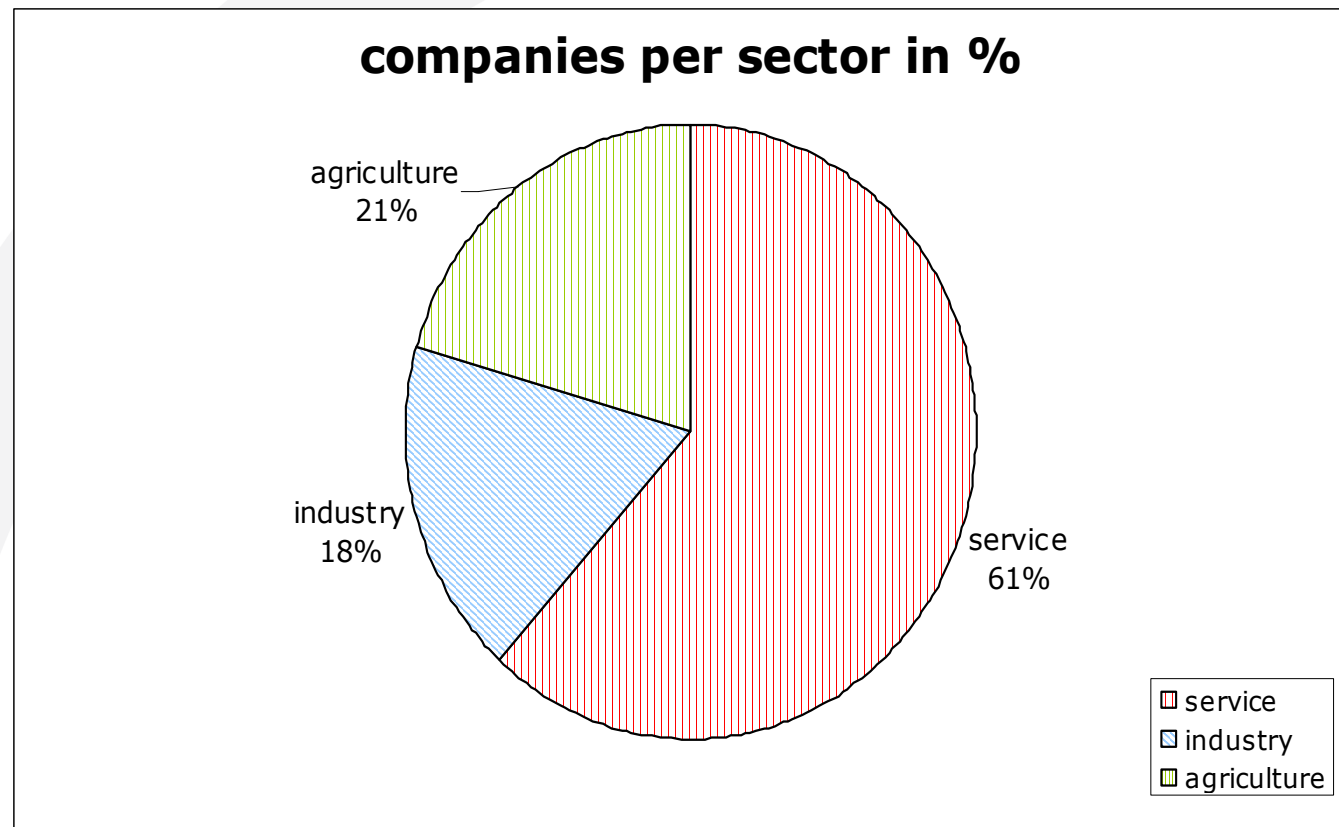
(data for 2003)



6. Regional context factors

Economic structure (2002)

- ✓ Number of companies : 183.985
- ✓ Percentage of SME's : 89.7% (34% > 1 employee)
- ✓ Percentage of innovative SME's : 6.6% (CIS3)





6. Regional context factors

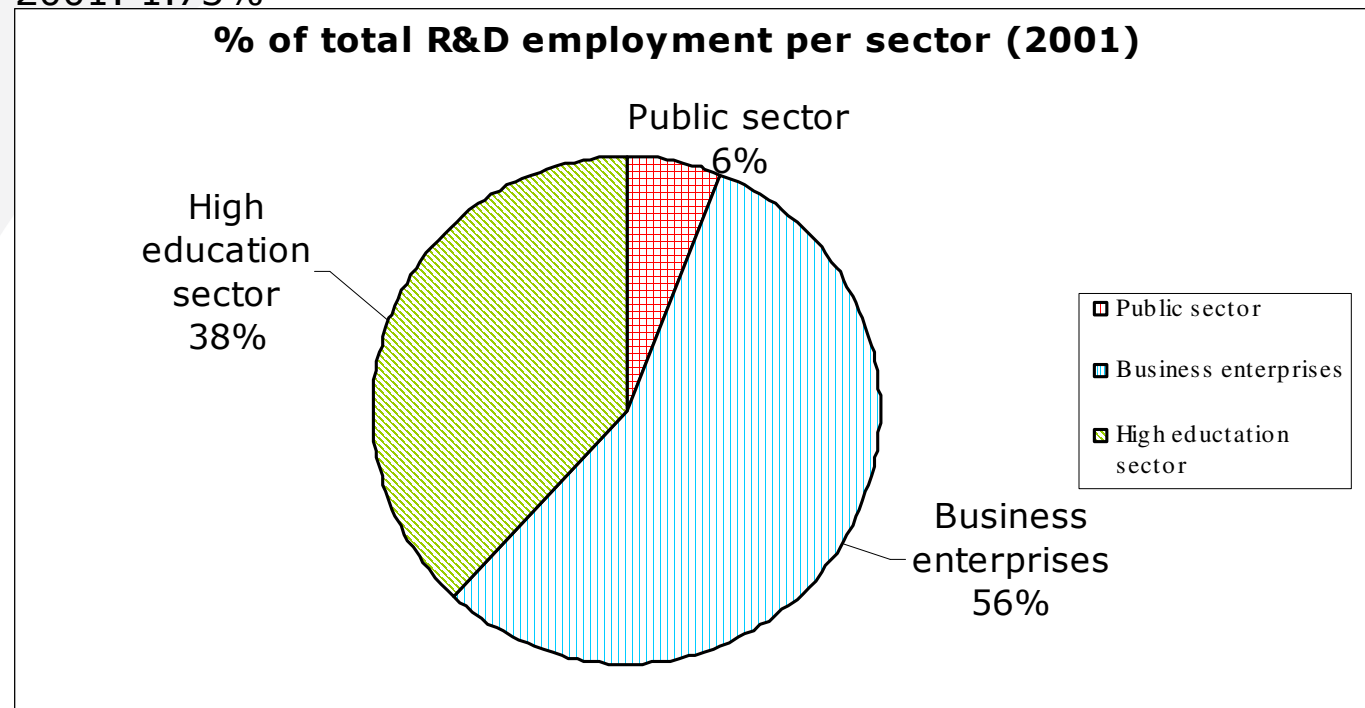
Geographic, economic and institutional setting

- Economic structure
 - ✓ Unemployment rate : 7,0% (2002)
 - ✓ 15-24 year 17.0%
 - ✓ 25-49 year 6.3%
 - ✓ 50-64 year 3,3%
 - ✓ GDP per capita : 23.839 Euro (2000)
 - ✓ Main industrial sectors as a % of the number of companies (2002)
 - ✓ Building & construction 52%
 - ✓ Food 13%
 - ✓ Metal 8%
 - ✓ Furniture 4%
 - ✓ Publishing & printing 4%
 - ✓ Textile 3%
 - ✓ Machinery 3%

6. Regional context factors

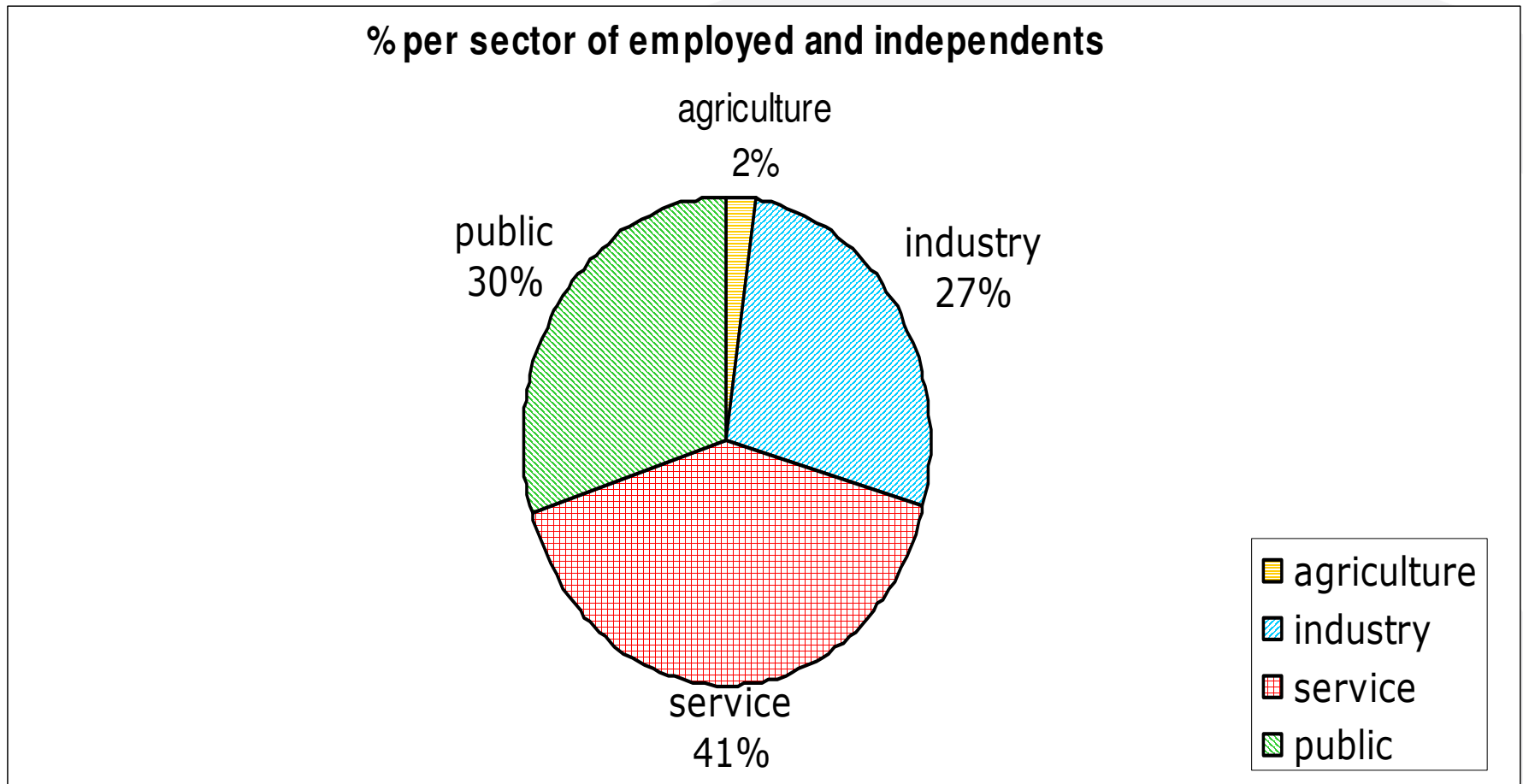
R&D and innovation

- R&D expenditure as percentage of GDP in 2002
 - ✓ public sector 0.23% (excl. high education sector)
 - ✓ business enterprise sector 1.96%
 - ✓ high education sector 0.46%
- R&D employment as percentage of the total Belgian work force in 2001: 1.73%





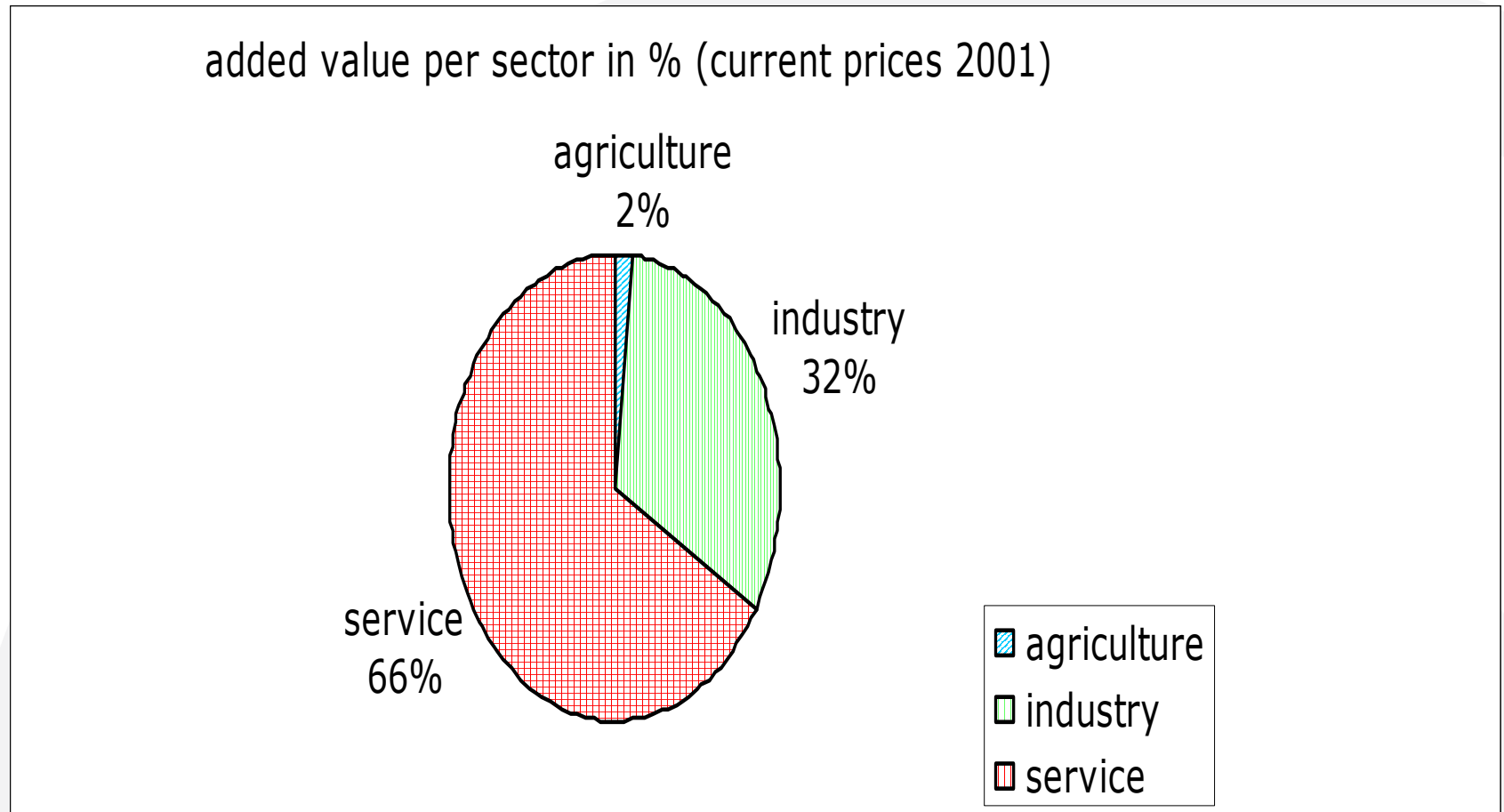
6. Regional context factors



6. Regional context factors

- R&D and innovation
 - Main research centres or research organisations
 - ✓ Collective research centres 11
 - ✓ Competence centers 10
 - Number of universities 7
 - Number of higher education institutes 22
 - Main transfer centres and technical centres in innovation 30
 - Number of science and technology parks 9
- EC 6FP participation
 - 2228 selected proposals (mid 2004)
 - Part of EC-budget : 2.2%
 - 485 participants of which 42 co-ordinators
 - Segmentation of participants :
 - ✓ Research : 23%
 - ✓ Higher education : 40%
 - ✓ Industry : 34%

6. Regional context factors





7. Experience in European projects

- RIS/RITTS
- STRINNOP
- RINNO
- INTERREG III
- ERIK
- OMC-SME (CREST)
- Eureka (NCP's)
- ERA-net:
 - COMPERA
 - MATERA
 - SUSPRISE
 - CORNET
 - ERA-SME
 - ETRANET
 - MNT



8. Rationale for participation

Why interested in participating in this consortium?

- Critical review of the governance structure supporting the Intermediaries model
- Comparative analysis of the Intermediaries model based on a validated indicator set and taking into account the specific regional situation
- Are there indicators showing the need for a structural change of the existing distributed innovation model?
- Are there opportunities for incremental improvement of the current situation?



8. Rationale for participation

Expectations regarding the outcome of the project?

- Defining most appropriate policy instruments to drive the Intermediaries model (determine the most adequate regional innovation profile)
- Getting perception of the actors in the Intermediaries model regarding efficiency, impact and effect
- Is "supply matching demand"? How to optimize?
- Effectiveness of RIS-TIS-TD-CO-IFACE programmes?
- PMT question: "which products/services to which markets/target groups for which themes/domains?"



8. Rationale for participation

Expected impact on the policy making in the region?

- Involvement of the real stakeholders
- Convincing about successful policy measures
- Encouraging to take concrete actions based on the well-founded recommendation plan
- Acting as "promotor" for innovation stimulation
- Stimulating further development of regional innovation policies
- Becoming adaptive to upcoming needs and opportunities



8. Rationale for participation

Effects aimed for through this project for the benefit of the region?

- Organization of dissemination activities towards public, innovation community, business community:
 - ✓ Create awareness for innovation (specifically SMEs)
 - ✓ Provide first-line support
 - ✓ If necessary, guide to most appropriate service provider
 - ✓ Support in acquiring funds for innovation activities
 - ✓ Promote networking between companies and knowledge centres
 - ✓ Promote networking amongst companies