



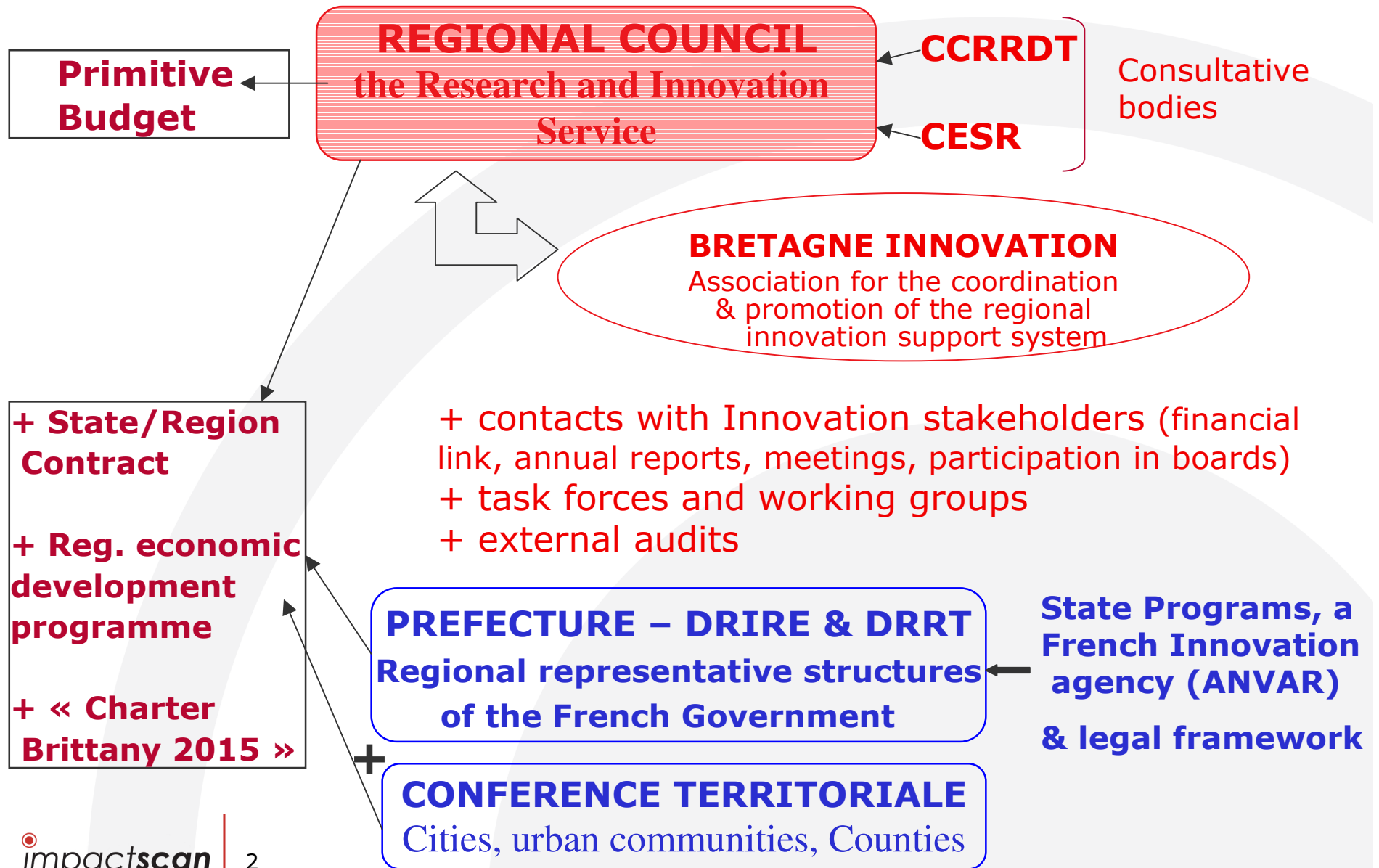
Innovation Policy Impact Assessment
at Regional Level

BRETAGNE INNOVATION

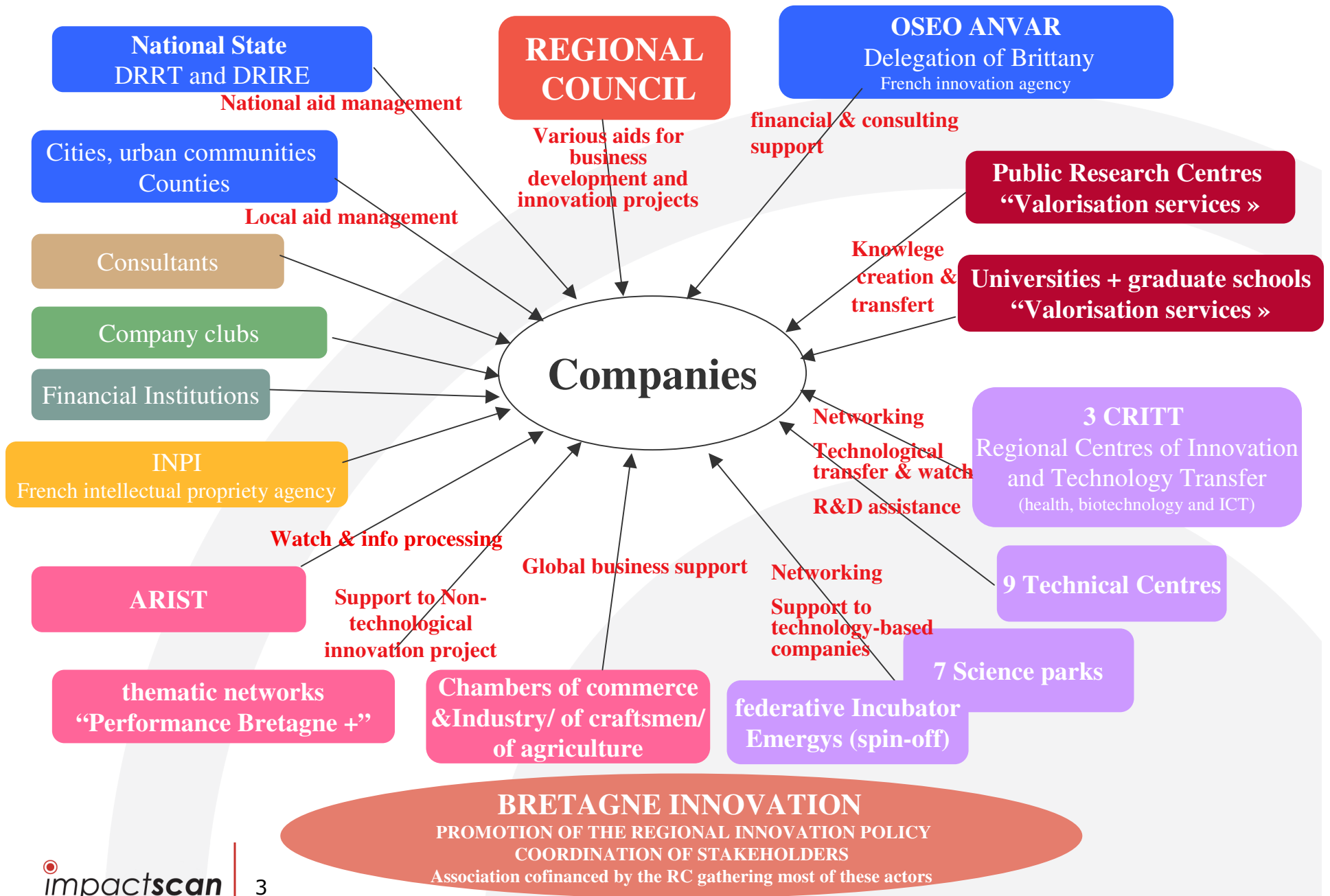
Kick-off meeting, June 27th-28th 2005

Author - Partner – Region | May 23rd 2005

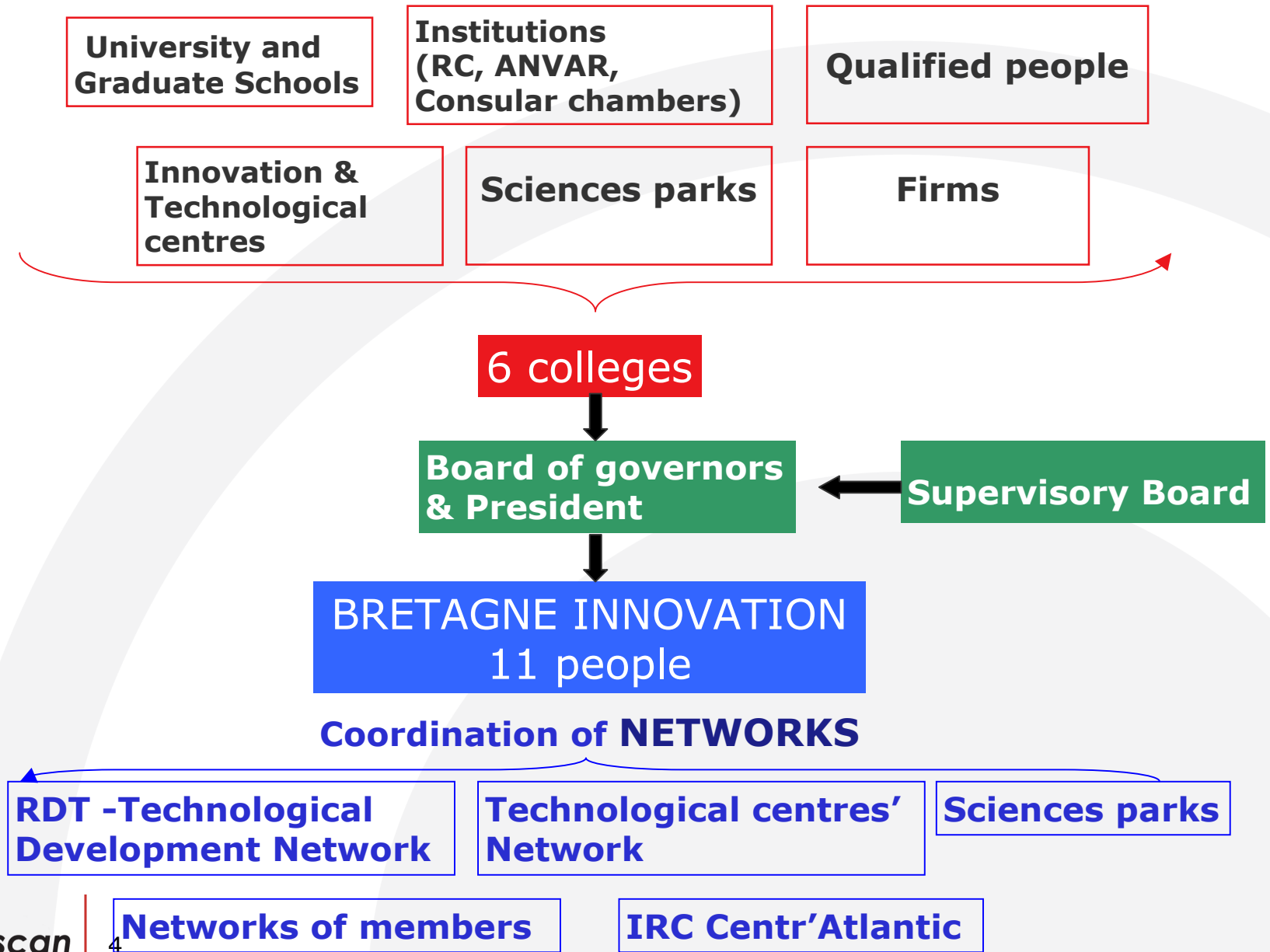
1. Regional Governance Scheme and Knowledge flow



THE REGIONAL INNOVATION SUPPORTING INFRASTRUCTURE –



2. BRETAGNE INNOVATION– non-profit making association



3. Mission and Services

➤ **Organisation of the regional innovation support network**

- **Coordinating men and women accompanying SMEs throughout their innovative projects :** -information, and proximity contact

-financial support (2 aids)

-technological and technical expertise

-project engineering and follow-up

-training on innovation process (CPI)

-advice and expertise for European partnership

- **Promoting this innovation support and regional policy in Breton SMEs**

- **Promotion Brittany as an area of innovation**

Communication and information tools – bi-monthly review “*Paré à Innover*”

➤ **Access to Europe**

Fostering **SMEs’ participation to FP6 projects** (Information and assistance)

➤ **Improving the regional innovation system**

Observing Innovation in Brittany and proposing new ideas for the development support policy

⇒ involvement in various European projects and networks since 1995

4. Networks and Activities

➤ *Network of members*

➤ *Technological Development Network*

100 technological and economic advisers from local and regional organisations : chamber of commerce, Technological Innovation, Centres, national bodies (ANVAR, DRIRE), Science Parks, University...

⇒ **Visit and audit more than 1000 companies each year**

➤ *Network of 12 technological centres*

300 engineers and technicians - “External Tool Box” for SMEs without or with few R&D capacities (consultancy, project engineering assistance, technological watch, R&D activity, training, expertise covering the main regional economic and technological sectors

⇒ **100 product and process developed each year**

➤ *Network of 7 science parks*

Support to high-tech firm set up and development

➤ *IRC – Innovation Relay Centre* (BI coordinates the French West Antenna)

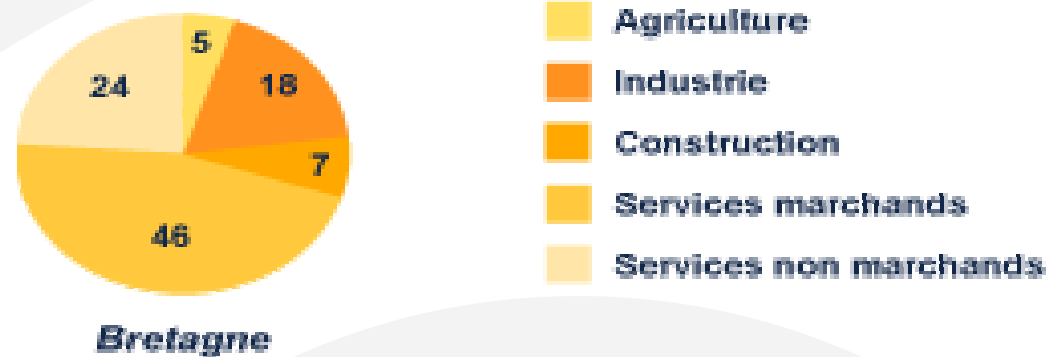
➤ Member of *NOE – Regional Network of European project specialists*

5. SWOT overview

<p>STRENGTHS</p> <ul style="list-style-type: none">-access to a wide network (all regional innovation stakeholders)-very good knowledge and understanding of the regional innovation system-experience in European project (STRINNOP, REGINA)-experience in benchmarking process and RIS analysis-contacts with other European regions	<p><u>WEAKNESSES</u></p> <ul style="list-style-type: none">-few direct contact with SMEs-not directly involved in the Regional council services-no "authority" on regional innovation support stakeholders-few existing indicators for measuring regional innovation
<p><u>OPPORTUNITIES</u></p> <ul style="list-style-type: none">-current changes in the regional innovation and business development policy-CIP	<p><u>THREATS</u></p> <ul style="list-style-type: none">-current changes in the regional innovation and business development policy-acceptance and use of the results by institutional actors (CRB, Counties, Towns...)

6. Regional context factors

- Population (2003): **3 million people** (5% of the French population)
- Surface (km²) : **27 200 km²**
- Big cities : **Rennes, Brest, Lorient, St Briec, Quimper**
- Economic Structure (proportion in GDP)



- Unemployment rate : **8,1%**
- GDP per capita : **21 402 €** (4,2% of the French GDP)
- Main industrial sectors : **Agribusiness industry, Electronics, information and telecommunication, Fisheries & Agriculture, biotechnology, automotive sector, chemistry**
- Number of companies : 121 160 / Percentage of SME's : **99%**
- 10 000 Industries and technological companies

6. Regional context factors : R&D and innovation 1/2

- R&D expenditure:

-Public sector (0,63 % regional GDP) : **€ 410 million**

(3,5% of the French expenditure -5th)

The CRB = € 30 million each year to the R&D = 4% nearly of its budget (50% for innovation & 50% to public research)

(2000-2004 = + 17,7)

-Private sector : **€ 710 million (1,1% of regional GDP)**

- **5 600 = R&D employment in public sector** (universities and institutes) 4500 researchers
4,5% of the French civilian research workforce

- **6500 = R&D employment in private sector** (researchers and engineers) 3600 researchers

⇒ 1,24% of the Brittany working population (estimation)

6. Regional context factors : R&D and innovation 2/2

- 2400 students in research-doctorate programs

-4 universities

-22 graduate schools of engineers + 117 Technician Training

Institutes

- **Several large research organisms & several research networks**

-INRIA/IRISA (computer sciences)

-IFREMER (sea)

-INSERM (health and medical sciences)

-CEMAGREF (environmental sciences)

-CNRS (40 units in all fields)

-INRA / Agrocampus (agronomy)

-AFSSA (food agency)

-IRD (development)

- **12 transfer centres and technical centres in innovation**

3 innovation and technological transfer

⇒biotechnologies & fine chemistry,
healthcare applications, Electronics,
Information &Communication technologies

+ 1 information agency (ARIST)

8 technical centres

agro-food industry, extraction process,
plant biotechnology, algae valorisation,
Industrial process, Animal health,
Marine sciences/sea products,
Dairy ingredients/cheese

6. Experience in European projects from the RC

- Objective 2 of the structural funds (2000-2006)
- PRAI – Innovating Actions Regional Programs (ERDF) 2003-2004
- Projects INTERREG IIIB Atlantic Arc Framework
- Projects INTERREG IIIC North West Europe framework (EMDI project)
- Projects INTERREG IIIC Western Area Framework

⇒ ***But little experience in FP6 project from the Regional Council***

⇒ ***No experience in "RIS", "RIS+", "RITTS" but participation in experience sharing networks***

6. Experience in European projects from BI

⇒ **Related European projects :**

➤ **STRINNOP (2000-2003)**

➤ **REGINA (INTERREG Project – Atlantic area)**

- Analysis of the existing regional innovation support systems including the “Knowledge management’ between regional stakeholders
- Development of a interregional partnerships in key economic fields

6. Experience in European projects from BI

SUPPORT TO REGIONAL SMEs

-Women2FP6 (2004-2006)

promotion & integration of Women Entrepreneurs in FP6 projects

-CIEI (2003-2005)

providing services to support the participation of SMEs in FP6 projects

-FISH (2004-2006)

Support for participation in FP6 for the the industrial sector of Fisheries and Marine Resources

-Pro-Back (2000-2002)

Setting up and running a regional network of Business Angels

-Encourage (2001-2003)

Fostering SME participation in Craft projects

KNOW-HOW EXCHANGE AND TOOLS DEVELOPMENT

-Innoba-sme (2000-2003)

Supporting SME in innovation Process

-Pro-Women (2000-2003)

Support to women entrepreneurship

-Core-Net (1998-2000)

Exporting the model of regional network of advisers (RDT)

-Changes

Improving support to innovation in traditional firms

7. Rationale for participation

- Why interested in participating in this consortium?

- the next step of the STRINNOP approach
- to gain a clear and complete picture of our regional innovation system (policy, support tools, key actors and their relationships)
- to get methodology to analyse the current assessment tools and strategy of the regional innovation support scheme
- to exchange good practices and to learn from each others

- What are your expectations regarding the outcome of the project?

- to raise awareness of our policy-makers of the usefulness of an monitoring and assessment methodology to improve the regional innovation policy
- to have a proven credible tool for measuring innovation policy to propose to our policy-makers
- To have a clear idea of where we stand on regional innovation policy and make policy-makers aware of this positioning