

REGIONAL SYSTEM OF THE RELATIONSHIP

AMONG

INDUSTRY - UNIVERSITY - STATE

(Practice - Intervention - Theory : PIT)

in the

HORDALAND REGION

- BERGEN UNIVERSITY COLLEGE -

LEONARDO DA VINCI
Transfer of Innovation

**REBASING – Research-based
Competence Brokering**

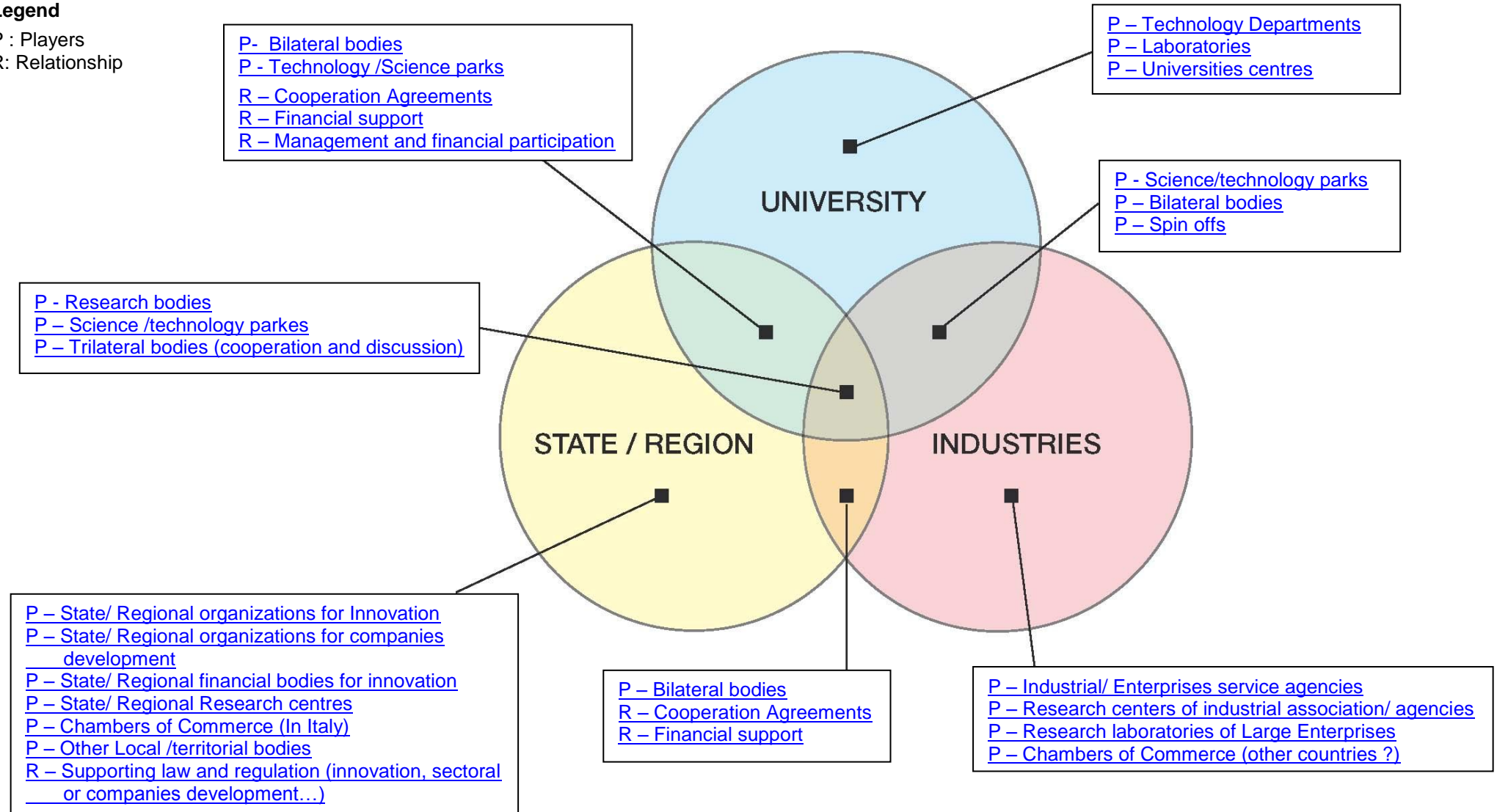
WP III – Transfer of Methodology: Knowledge for competitiveness

In order to describe the local partnership contexts with regard to REBASING focus on Competence broker, accordingly with DIMEG, we propose each partner to describe its local environment on the basis of the triple helix model, describing the relationship among Industry – University – State (practice – intervention – theory: PIT). Please list in the related field the organization and bodies working in your national or regional context, describing as well the formal and/ or non-formal relationship among them.

Legend

P : Players

R: Relationship



Universities:

Bergen University College

- Bergen: a student friendly city:
- 250 000 inhabitants
- More than 30.000 students
- from 100 different countries
- UNESCO site
- Gateway to Norway's magnificent fjords, sea and ski

Faculties and Study Programmes

- 6500 students and 650 staff
- Bachelor Programmes – 3 years
- Masters Programmes – 2 years

- Faculty of Education
- Faculties and Study Programmes
- Faculty of Engineering
- Faculty of Health and Social Sciences

FACULTY OF ENGINEERING

Bachelor of Engineering Programmes:

- Chemical Engineering
- Civil Engineering
- Communication Systems
- Software Engineering and Information Technology
- Control Systems
- Electronics
- Electrical Power Engineering
- Energy Technology
- Industrial Engineering
- Marine Technology
- Mechanical Engineering
- Subsea Technology

Other Bachelor Programmes:

- Biomedical Laboratory Science
- Business Administration
- Information Technology
- Land administration and Surveying

Tertial Vocational Training:

- Diver Training

Master Programmes

FACULTY OF EDUCATION

- Teacher Education Programmes

Bachelor Programmes:

- Teacher Education for Early Childhood
- Public Health
- Sports studies
- Interpreter by Sign Language

Master Programmes

FACULTY OF HEALTH AND SOCIAL SCIENCES

Bachelor Programmes:

- Nursing
- Occupational Therapy
- Physiotherapy
- Radiography
- Social Education
- Social Work

Master Programmes

R & D CENTRES

- The Centre for Evidence-Based Practice
- The Centre for Care Research
- The Strategic Programme for Distributed Information and Communication Systems
- The Centre for Educational Research
- The Centre for Art, Culture and Communication
- The Centre for New Media
- The Centre for Innovation

R & D PROGRAMMES

R&D activities of particular strength are organized in programmes in order to promote research-based education:

- Software Technologies for Distributed Systems (DISTECH)
- Evidence Based Practice in Health
- Teacher Professionalism

INTERNATIONAL RELATIONS

- Internationalization is a strategic priority area
- Bilateral agreements based on academic collaboration
- Student exchange together with R&D
- Integrated courses in English for international students

CENTRE FOR INNOVATION – Bergen University College

Organisation

- Bergen University College, Faculty of Engineering
- 8 person
 - 2 Professors
 - 1 Associate Professor
 - 5 Assistant Professors
- Competence
 - Regional development, cluster and network development, entrepreneurship and business development
- Close collaboration with department of business administration and the various departments of technology

Priorities

- **Education**
 - MSc in Innovation and Entrepreneurship (in collaboration with University of Oslo)
- **Facilitate and support regional development programs**
 - Norwegian Centre of Expertise Subsea (Subsea cluster)
 - Regional R&D and Innovation Program (Competence Brokering and Mobility Programs)
 - Entrepreneurship and Incubator programs
- **Research projects**
 - Emerging Clusters
 - Innovation processes in businesses, networks and emerging clusters in Hordaland County

Objectives

Develop and present research based knowledge about and for innovation for the use in higher education programs and regional economic development project
Contribute to the attractiveness of Bergen University College as innovation partner to regional businesses and public institutions
Enhance innovative collaboration between the university college, industry, and public sector
Enhance the entrepreneurial “culture” among students

Research topics

- Regional Innovation Systems and economic agglomerations/cluster development
- Innovation processes within companies and public institutions
- Entrepreneurship in higher education and regional development

Guiding theoretical perspectives

- An interactive innovation model
- The role of well functioning regional innovation systems
- The role of R&D in regional innovation
 - Is there a system failure in the regional innovation system?