Place-Based Innovation Policies and the Knowledge Triangle in The Netherlands

A perspective from Higher Education

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Erasmus University Rotterdam

President Executive Board

Member 'Onderwijsraad'

Past experience
Leiden University of Applied Sciences
President

HAN University of Applied Sciences
Vice President
Examples of Regional Ecosystems

- South Holland Region
  - Leiden
  - The Hague
  - Delft
  - Rotterdam

- Brainport
  - Eindhoven

- Amsterdam Metropolitan Area

- Twente
- Arnhem & Nijmegen
- Utrecht

Education & Research

Consortia Networks Interactive research programming

Money Thematic focus Mass

Research centres Centres of Expertise Entrepreneurship Training & support

Companies Public institutions Government (local & national)

Internships Minors Thesis Work/study programmes

Teacher internships

Guest lecturers Joint appointments

Innovation hubs Living labs

Labs, research facilities (shared) Embedded researcher

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Characteristics of the South Holland Region

- Highly fragmented local government
- Two metropolitan areas: Rotterdam and The Hague
- Poor economic performance
- Broad spectrum of economic activity
- 3 large and complementary research universities
- 2 large medical centres
- 2 large Universities of Applied Sciences

Knowledge Networks in Regional Ecosystems

South Holland Region

'Triple Helix' Concept

Koers 2020 (Economic Agenda): Ambition: European Top Region

Focus:
- Improving accessibility of metropole region
- Economical improvements
- Transition to leading sustainability
- Attractiveness of the metropole region
Knowledge Networks in Regional Ecosystem

Leiden-Delft-Erasmus Alliance (LDE)

Scientists and students from the three universities work jointly since 2012 on complex (inter)national social issues in 8 centres and develop joint degree and non-degree programmes.

Medical Delta:
Network of life sciences, health and technology partners

Lessons learned:
- Time (long start-up phase)
- Executive commitment
- Building trust
- Bottom-up development

Cross-regional and International cooperation

Successful Knowledge Triangle → looking beyond borders

Cross-regional Partnerships

European Partnerships
Lessons learned in The Netherlands

• Collaboration is more successful when built on existing networks and expertise.

• Culture.

• Leadership capabilities are key.

• Mergers lead to resistance

• Regional ecosystems develop a triple helix concept with regional governance rather than national governance

• Performance of a KT in an entrepreneurial ecosystem is dependent on local and historical factors