

THE ROLE OF HIGHER EDUCATION INSTITUTIONS IN REGIONAL INNOVATION COALITIONS

UNIVERSITY OF TWENTE.

regio Twente



Lisa Nieth · Regio Twente & University of Twente

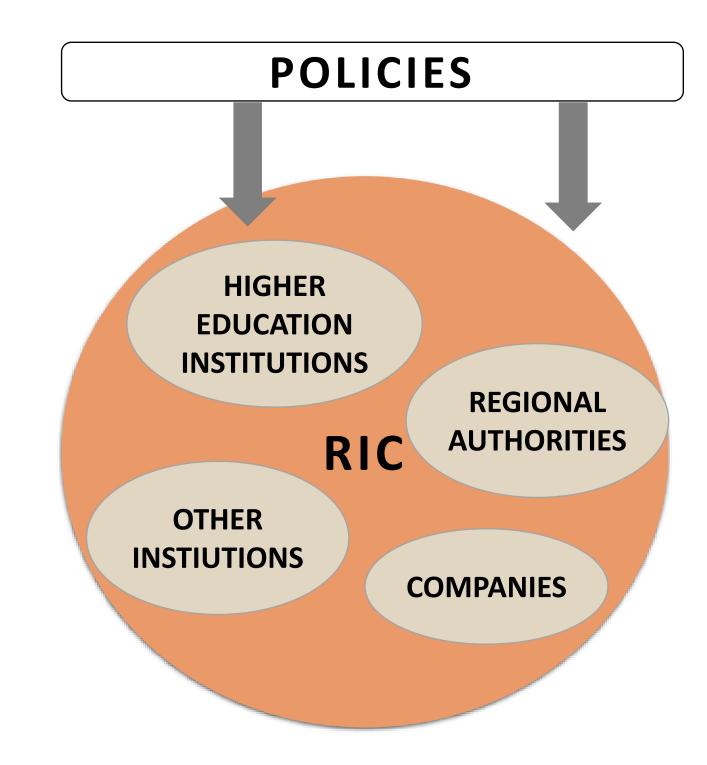
BACKGROUND

Starting Point → Regions on developmental trajectories

- A. These trajectories can be designed/enhanced/delivered by groups of actors from different organizations (regional authorities, companies, HEIs, etc.) who work together to reach a common agenda \rightarrow regional innovation coalitions, RICs (Lester & Sotarauta, 2007; Benneworth 2007)
- B. Higher Education Institutions (HEIs) are expected to collaborate within RICs & have impact on the regional innovation capacity/development (OECD, 2011)
- A. Actors within RICs are very diverse, have different goals & make their own strategic decisions depending on variables defined by themselves
- B. HEIs are complex & 'loosely coupled' institutions (Reponen, 1999) that play diverse roles in their specific regional contexts, change in time and depend on a great number of variables

02 RQs

- What is the role of higher education institutions in regional innovation coalitions?
- What characteristics of higher education institutions affect collaboration in regional innovation coalitions?
- How can regional innovation policies & strategies accommodate HEI characteristics in RICs?



03 POLICY CONTEXT

Smart Specialisation & Entrepreneurial Discovery Processes

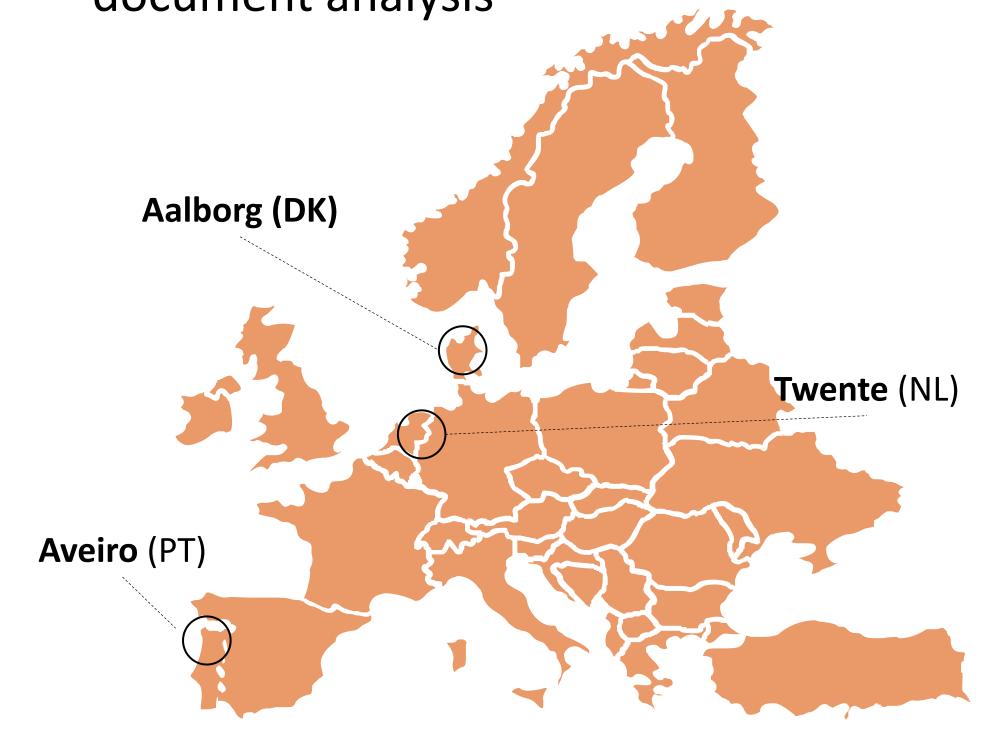
Actors are expected to engage in EDPs, which recognise and determine those sectors bearing future potential for the region (Foray, David, & Hall, 2009; McCann & Ortega-Argilés, 2013)

Constructing Regional Advantage

Regional advantage is to be pro-actively constructed by local actors according to (Asheim, Coenen, regional contexts Moodysson, & Vang, 2007)

04 METHODOLOGY

- Qualitative & comparative case-study approach: 3 European regions and their respective universities
- semi-structured, Data: open-ended interviews with key stakeholders & document analysis



STATUS OF THE RESEARCH

P1 The Anatomy of RICs & Stakeholder Tensions

- Categories of drivers for strategic suboptimality: stakeholder misalignment, missing intermediaries, dependence on key individuals
- increase the amount of work & inhibit joint development of long-term strategies

P2 Processes of strategy formulation & implementation

- Understand the processes by which RICs achieve path switching activities & why stakeholders fail to implement long-term strategies
- >Transformation phases: mobilization, articulation, programming, realization

P3 Universities contributing to Regional **Development Strategies** In-depth look at the role(s) universities take in the processes of design and implementation of regional development strategies: Growth Forum in Aalborg, Agenda for Twente, Regional development strategy of Aveiro

P4 Effectual RICs versus the Causality of Regional **Innovation Policies**

- Understand how current policy concepts do not fit the reality of RICs and the diversity of stakeholders
- >RICs as an effectual development, expected to be used and work in a causal way

06 REFERENCES

Asheim, B., Coenen, L., Moodysson, J., & Vang, J. (2007). Constructing knowledge-based regional advantage: implications for regional innovation policy. International Journal of Entrepreneurship and Innovation Management, 7(2/3/4/5).

Benneworth, P. (2007), Leading Innovation: Building Effective Regional Coalitions for Innovation, NESTA Research Report, London: Nesta, December.

Foray, D., David, P., & Hall, B. (2009). Smart Specialisation – The Concept. Knowledge Economists Policy Brief #9. "Knowledge for Growth" Expert Group.

Lester, R., & Sotarauta, M. (Eds.). (2007). Innovation, universities, and the competitiveness of regions. Helsinki: Tekes.

McCann, P., & Ortega-Argilés, R. (2013). Smart Specialization, Regional Growth and Applications to European Union Cohesion Policy. *Regional Studies, 49*(8), 1291-1302.

OECD. (2011). Regions and Innovation Policy, OECD Reviews of Regional Innovation. Retrieved from OECD Publishing: http://dx.doi.org/10.1787/9789264097803-en

Reponen, T. (1999). Is leadership possible at loosely coupled organizations such as universities? Higher Education Policy, 12(3), 237-244.





