

Clusters and Competitiveness: Building Resilience in Knowledge-based Regions

***Hybrid Conference – 23/24 September 2021
State of Planning, 13 August 2021***

Conference & E-MOC Workshop (23-24 September 2021)

Clusters and Competitiveness: Building Resilience in Knowledge-based Regions

After three decades of academic discourse on, and practical/political experience with **clusters and competitiveness**, **crises and rising challenges** pose new questions to scholars and policy-makers alike:

- Are clusters and **cluster policies** still relevant to maintain and build **more resilient regions**?
- How did they **adapt** to new challenges, how do they need to **transform** in the future?

This conference brings **academics, policy-makers and practitioners** in the field of **regional economic development, clusters and competitiveness** together to discuss these issues.

The physical leg of this **hybrid conference** is **Bochum, Germany**. Conference language is **English**, registration is **free** of charge.

Conference & E-MOC Workshop (23-24 September 2021)

Organizers

Ruhr-University Bochum



Centre for Regional and Innovation Economics, University of Bremen & Friedrich Schiller University, Jena



Bochum Economic Development



Duisburg Business & Innovation (DBI)



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Program Overview (CET)

	Thu 23 Sep	Fri 24 Sep
Morning	09.00 – 14.00 Invited keynote presentations and policy panel	Cluster field trips in the Ruhr* <ul style="list-style-type: none"> Bochum: cybersecurity and healthcare Duisburg: hydrogen technology and logistics
Afternoon	14.00 – 18.00 Paper sessions & academic panel	14.00 – 17.00 EMOC meeting
Evening	Conference dinner*	EMOC dinner*

All activities will be hybrid except *) offline only.

Conference Venue: G Data Campus Bochum (23 Sep)



<https://www.gdata.de> [18 June 2021]

Detailed Program: Keynotes & Panel (23 Sep)

09:00 – 09:20	Welcome Words & Opening <i>Thomas Eiskirch, Lord Mayor of the City of Bochum</i> <i>Sören Link, Lord Mayor of the City of Duisburg (tbc)</i>
09:20 – 09:30	Setting the Scene: Welcome & Introduction by the Organisers
09:30 – 09:55	Clusters and Ecosystems – Old and New Strategies for Countries, Regions and Cities <i>Dr. Christian Ketels, Harvard Business School & TCI Network</i>
09:55 – 10:20	European Green Deal and Regional Competitiveness <i>Dr. Ulla Engelmann, Acting Director Networks & Governance, European Commission</i>
10:25 – 10:45	Coffee Break
10:45 – 11:10	Is Germany's Technology Profile Future-proof? <i>Prof. Dr. Tom Broekel, UiS Business School Stavanger</i>
11:10 – 11:35	Long-term Regional Strategy for Inclusive Competitiveness: The Basque Country Case <i>Dr. James R. Wilson, Orkestra Basque Institute for Competitiveness</i>
11:35 – 12:00	20 Years of Cluster Policies in German Regions: A Comparative Review and the Way Forward <i>Dr. Rasmus C. Beck, Duisburg Business & Innovation (DBI)</i>
12:00 – 12:30	Panel of Keynote Speakers: Key Policy Issues
12:30 – 13:30	Lunch break
13:30 – 14:00	Keynote: Innovation Policy in North Rhine-Westphalia <i>Prof. Dr. Andreas Pinkwart, Minister of Economic Affairs, Innovation, Digitalization and Energy of the State of North Rhine-Westphalia</i>

Detailed Program: Parallel Sessions (23 Sep)

14:00 – 16:00	<p>Session 1 “Crises, Resilience, Regional Development and Policies” Chairs: Prof. Dr. Christian Ketels (Harvard Business School & TCI) & Prof. Dr. Hans-Peter Noll (Stiftung Zollverein)</p> <p>Session 2 “Regional Innovation in Transition: the new role of Universities” Chairs: Prof. Dr. Rolf G. Heinze (Ruhr-University Bochum) & Prof. Dr. Manfred Wannöfel (Ruhr-University Bochum)</p> <p>Session 3 “Smart Specialisation – Learnings and Challenges” Chairs: Dr. Rasmus C. Beck (DBI) & Prof. Dr. Matthias Kiese (Ruhr-University Bochum)</p> <p>Session 4 “Clusters & Cluster Policies Revisited” Chairs: Prof. Dr. Dirk Fornahl (CRiE) & Prof. Dr. Daniel Buhr (University of Tübingen)</p> <p>Session 5 “Mission-oriented innovation policies: Future perspectives of regional collaboration for preventive green transition” Chairs: Dr. Stefan Gärtner & Dr. Judith Terstriep (IAT)</p> <p>Session 6 “Resilience and Change Management for cities and corporates” Chairs: Prof. Dr. Kai Rommel (International School of Management) & Dr. Michael Anz (City of Dresden)</p>
16.00 – 16.30	Coffee break
16.30 – 17.30	Panel of session chairs, wrap-up and outlook
17.30 – 18.00	Closing discussion on the role of clusters in mission-oriented business & innovation policies
18.00 – 21.00	Offline conference dinner at G DATA

- Up to 4 presentations per session
- 20 mins for presentation + 10 mins for discussion
- Only one session can take place in physical presence!

Panel Sessions with Call for Abstracts

1) *Crises, Resilience, Regional Development and Policies*

How did COVID-19 and previous crises re-shape regional development, regional policies, and the practice of local and regional economic development?

2) *Regional Innovation in Transition: the new role of Universities*

3) *Smart Specialisation – Learnings and Challenges*

What has been the experience with Regional Innovation Strategies for Smart Specialisation (RIS3) so far? What is the road ahead in the light of recurrent crises and mounting societal challenges?

4) *Clusters & Cluster Policies Revisited*

What is the role of clusters and cluster policies in different societal, political and economic contexts? What have we learned about the effectiveness and efficiency of instruments? What works, what doesn't – and why and under what circumstances? What new instruments are available or needed?

5) *Mission-oriented innovation policies: Future perspectives of regional collaboration for preventive green transition*

What do green transitions and mission-orientated innovation policies mean for regional economic development? Who are the actors for change? How to initiate and sustain open, efficient and effective regional collaboration, including university-industry collaboration? How to balance contradicting interests? How to monitor the progress?

6) *Resilience and Change Management for cities and corporates*

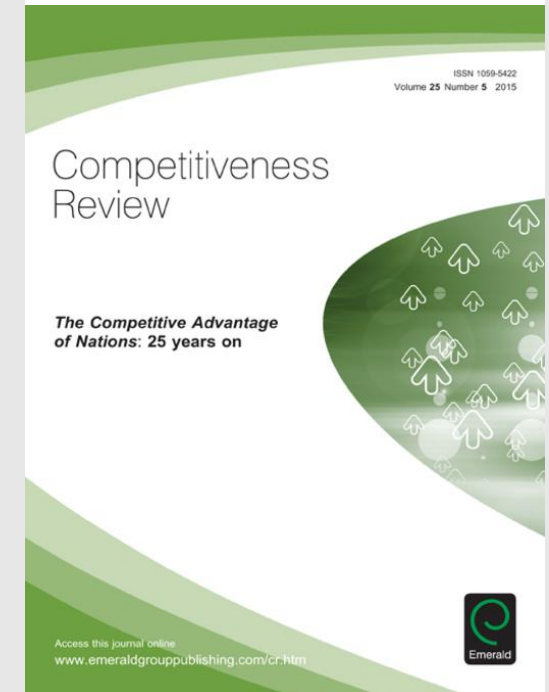
Registration Status (12 August 2021)

- Deadline: 01 September (Abstracts 10 August)
- 75 registrations
 - 31 in presence, of which 9 from other countries (Afghanistan, Austria, Italy, Poland, Russia, Switzerland), 44 online
- 26 registrations for field trips (14 Duisburg, 12 Bochum)
- 18 abstracts (of which 9 in presence)

Session	Title	Chairs	Abstracts
1	Crises, Resilience, Regional Development and Policies	Ketels, Noll	2 (1)
2	Regional Innovation in Transition: the new role of Universities	Heinze, Wannöffel	1 (1)
3	Smart Specialisation – Learnings and Challenges	Beck, Kiese	2 (1)
4	Clusters & Cluster Policies Revisited	Buhr, Fornahl	8 (4)
5	Mission-oriented innovation policies: Future perspectives of regional collaboration for preventive green transition	Gärtner, Terstriep	2 (1)
6	Resilience and Change Management for cities and corporates	Anz, Rommel	3 (1)

Conference Proceedings

- After the conference, we will invite all contributions to be submitted for an **edited volume**.
- Selected contributions will be invited for a **special issue** of the **Competitiveness Review**.



Cluster Field Trips: Health Campus Bochum



https://img.waz.de/img/bochum/crop231080406/9257653033-w1200-cv16_9-q85/8c657036-3649-11eb-b48a-b8d975293c21.jpg [18 June, 2021]

Cluster Field Trips: IT Security in Bochum



hgi
Horst Görtz Institute
for IT Security

IT Security
Hotspot



CUBE 5
Creating Security



Mark 51°



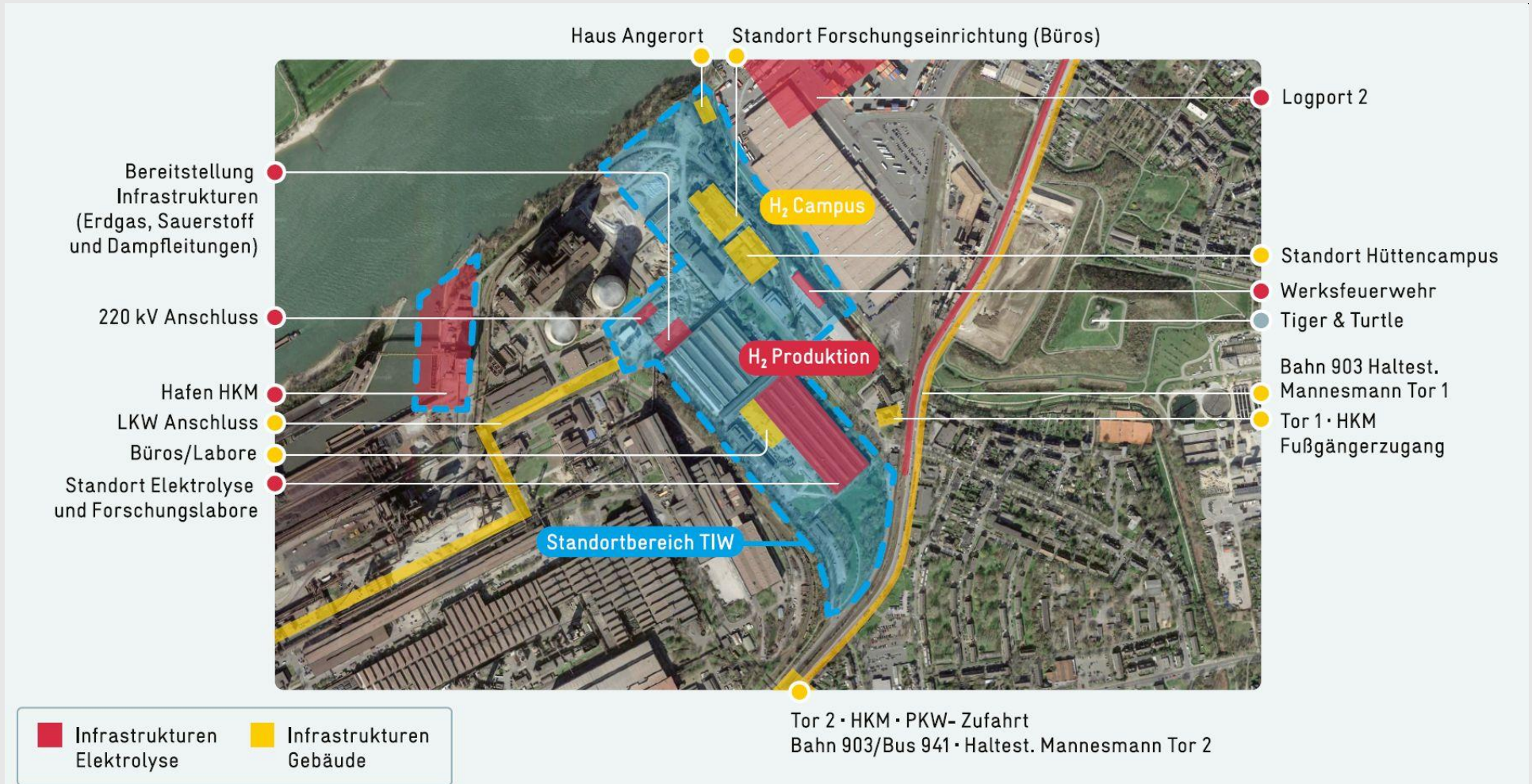
Cluster Field Trips: Logistics in Duisburg

Logport Duisburg (265 ha, *1998)



https://www.duisport.de/wp-content/uploads/2018/06/Duisburg_Logport1.jpg [18 June 2021]

Cluster Field Trips: Hydrogen Technology in Duisburg



https://www.zbt.de/fileadmin/user_upload/01-aktuell/04-presse/01-bildmaterial/2021/standort-huettenheim.jpg [18 June 2021]