

Entrepreneurial Ecosystems: Internationalization as a key trend

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Berlin: 11-12 December 2014

Content

- My background
- Entrepreneurial ecosystems
- Internationalization of entrepreneurial ecosystems as a key trend
- Examples of the internationalization of entrepreneurial ecosystems



My background



My background: Teaching sustainable entrepreneurship



STARTING UP A BUSINESS THAT'S **SUSTAINABLE!**

DEVELOPMENT OF
SUSTAINABLE BUSINESS CONCEPTS
FOR "GREEN" FUTURE MARKETS

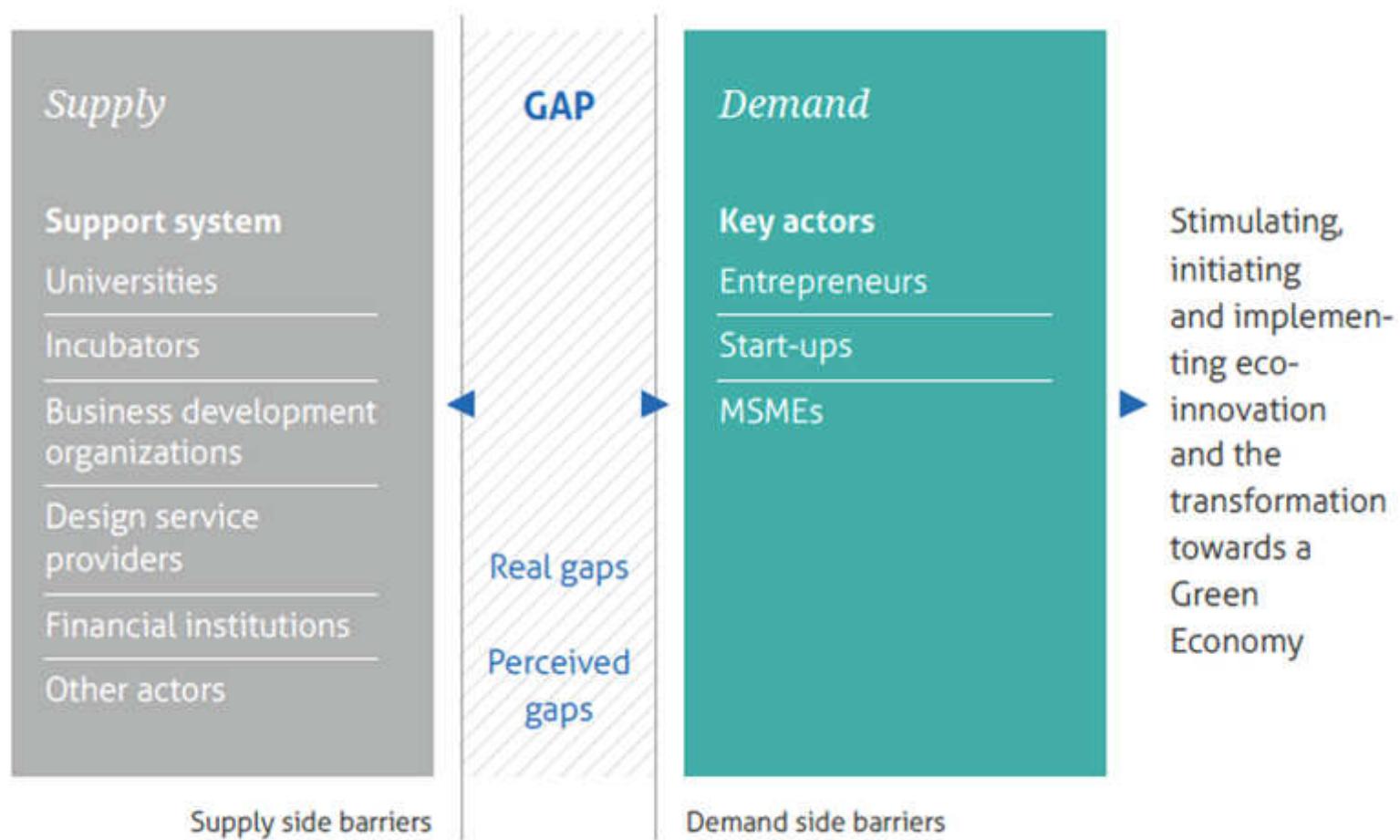
Eco-Venturing module at
Carl von Ossietzky University Oldenburg,
Germany

My background: Research Green Economy and Eco-innovation



- European research project
 - ➔ funded in Eco-innova
 - ➔ 2013 – 2016
- Partners
 - ➔ Borderstep Institute, Berlin, Germany
 - ➔ Linköping University, Sweden
 - ➔ Aalto University, Helsinki, Finland
- www.shift-project.eu

Identifying gaps between the needs of green start-ups and the support system



My background: Policy advice



Technologies and services for climate mitigation and adaptation from Germany

Support for the UNFCCC Technology Mechanism
provided by the German National Designated Entity

My background: Promoting practical initiatives



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Gründerinitiative StartUp4Climate

**Die Initiative für grüne
Gründer in Deutschland.**

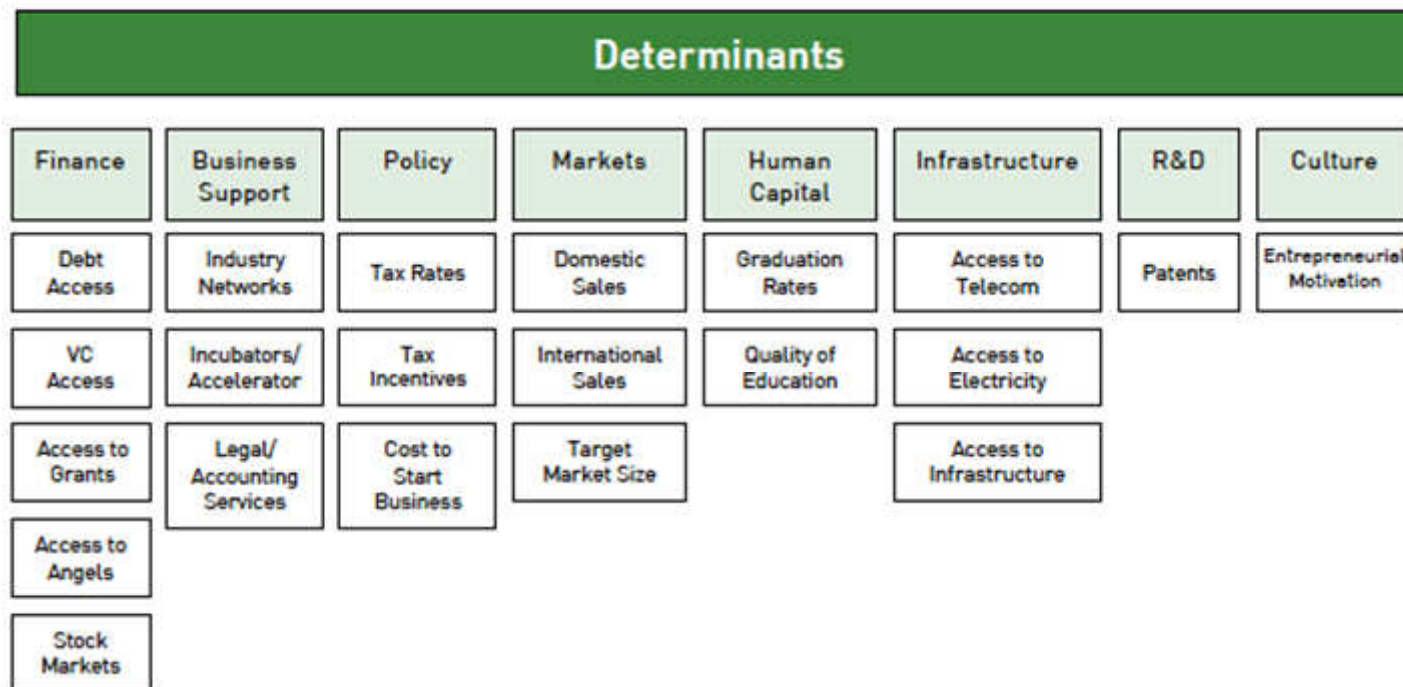
Entrepreneurial ecosystems



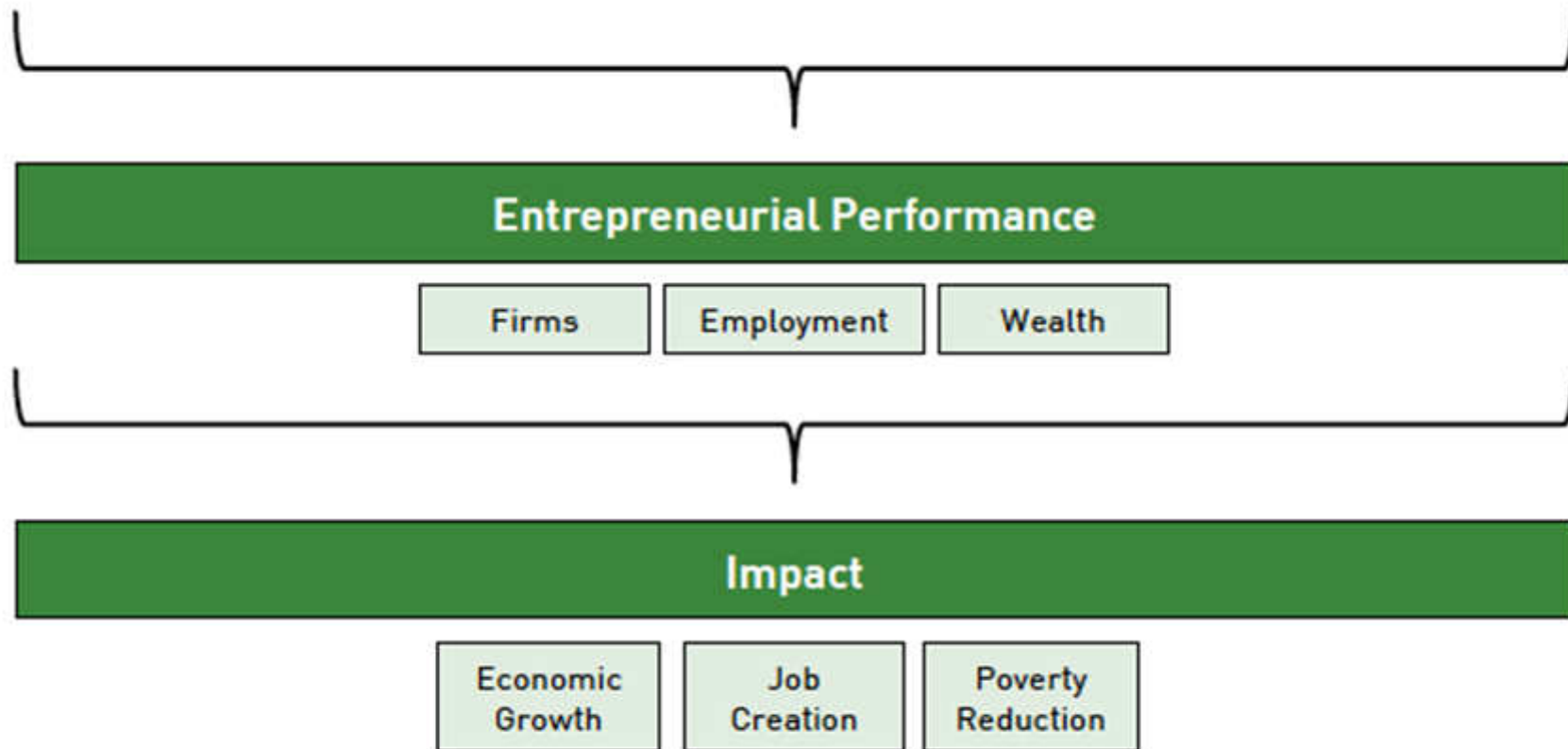
Entrepreneurial ecosystem

- The interdependent factors that influence entrepreneurial performance in a specific area (city, region, nation) and its impacts on economic and societal goals (job creation, poverty reduction, environmental quality)

Figure II: Entrepreneurship Measurement Framework



Effects and impacts of entrepreneurial ecosystem

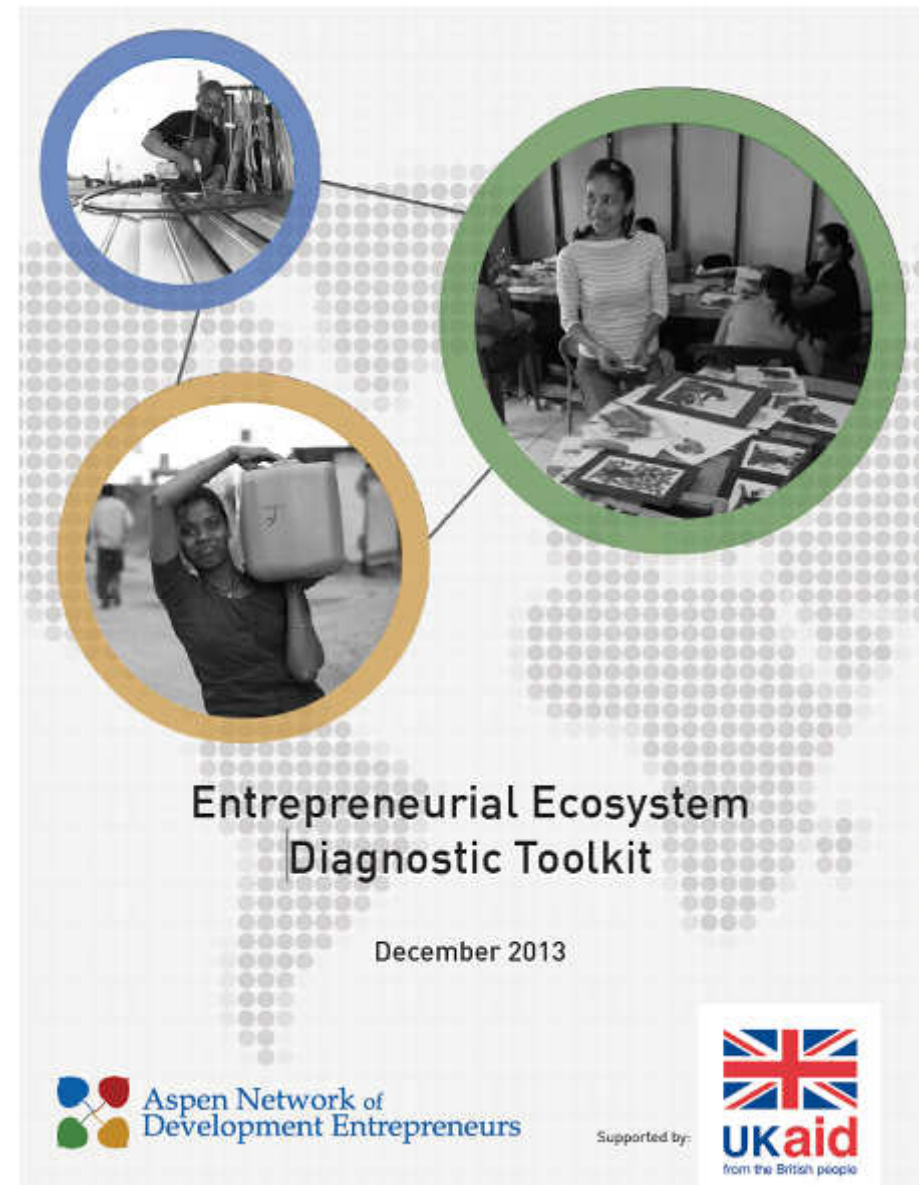


Source: Adapted from OECD Eurostat

Source: ANDE Entrepreneurial Ecosystem Diagnostic Toolkit, 2013, 6

Key insights from research on entrepreneurial ecosystems

- Every ecosystem is unique
- There is no one best ecosystem
- Focus on designing ecosystems according to specific regional goals and potentials
- Use diagnostic tools
- Need for expanding the concept from pure economic focus to sustainability (triple bottom line)
- Regional concept: Need for taking the international dimension into account



Internationalization of entrepreneurial ecosystems as a key trend

Internationalization of entrepreneurial ecosystems

- From competition to coop-tition of different regions
- Global networking: Mutual learning between clusters, innovation labs, incubators
- International partnering: Bridging specific strengths and potentials of different regions
- Exchange schemes for entrepreneurs and start-ups: Landing pad programs
- Export initiatives: Expanding regional to international ecosystems, e.g. German Water Partnership
- Partnering in global policy: e.g. United Framework Convention on Climate Change
 - ➔ Climate technology cooperation: Needs assessment reports, joint program development



Technologies and services for
climate mitigation and
adaptation from Germany

Support for the UNFCCC Technology Mechanism
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Examples for the internationalization of entrepreneurial ecosystems



Global Innovation Network (GIN):
Workshop „Leaders in green incubation“, May 2014, Berlin



LA Cleantech Incubator

Background

- **Launched in October 2011**
- **City-conceived public/private partnership**
- **Independent non-profit**
- **Located in downtown Los Angeles with regional satellites**
- **Six step, six week vetting process**
- **Resident , non-resident programs, and international Landing Pad programs**

Build Regional Ecosystem



Los Angeles Cleantech Incubator (LACI): Annual conference „Global showcase“

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GloSho'14 is dedicated to this one principal: The cleantech market is global and those who acquire the resources, skills and partners necessary to do business globally will succeed, regardless of their size or might.

Santa Clara University, Silicon Valley, California

Center for Science, Technology, and Society (CSTS)

- Global Social Benefit Institute (GSBI) seeks to accelerate global innovation-based entrepreneurship in service to humanity.
- Partnering with international leaders including the World Bank and The Tech Awards, CSTS serves as a bridge between Silicon Valley and the developing world.
- Since 2003, CSTS has convened scholars and Silicon Valley entrepreneurs to help fledgling social benefit enterprises develop compelling and sustainable business plans.





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Climate-KIC Germany is the first place to go for game-changing climate innovation. The German office drives the development of scalable high impact climate change solutions with its programmes and its community of the most innovative companies, researchers, start-ups and students.

Climate KIC Accelerator and ist green garage, Berlin

- Climate-KIC Germany helps start-ups to turn the climate challenge to a business opportunity.



Find more information at:

www.borderstep.de

www.uni-oldenburg.de/innovation

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www.startup4climate.de

