



Entrepreneurship Ecosystem Research Network Ltd

Laura Andreoli van Schijndel
Chair, Regional Chapter Oceania

9th July 2018

Strategy Innovation

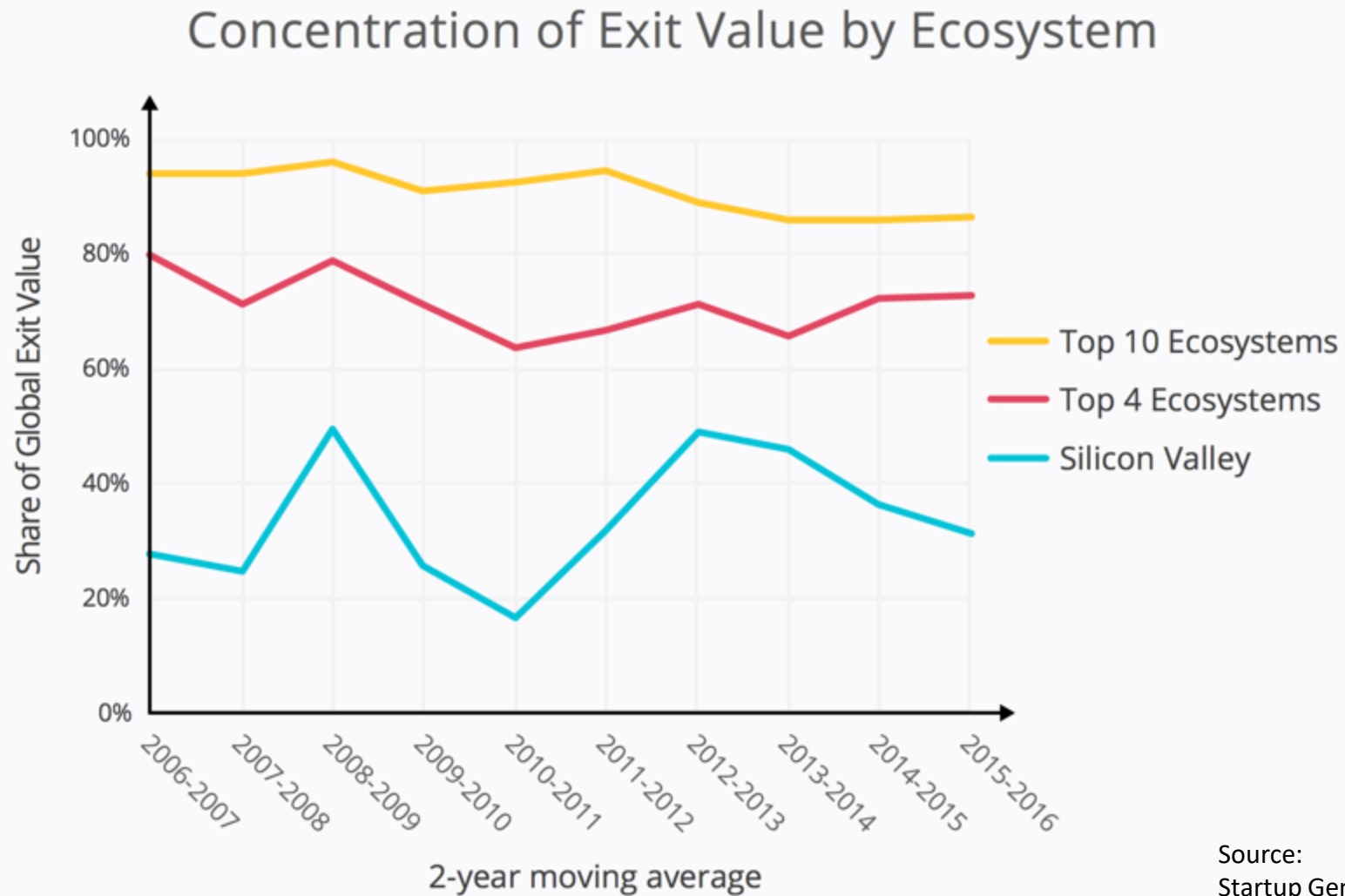
Why EERN?

Entrepreneurship happens in places...



→ Context matters!

Why EERN?



Source:
Startup Genome

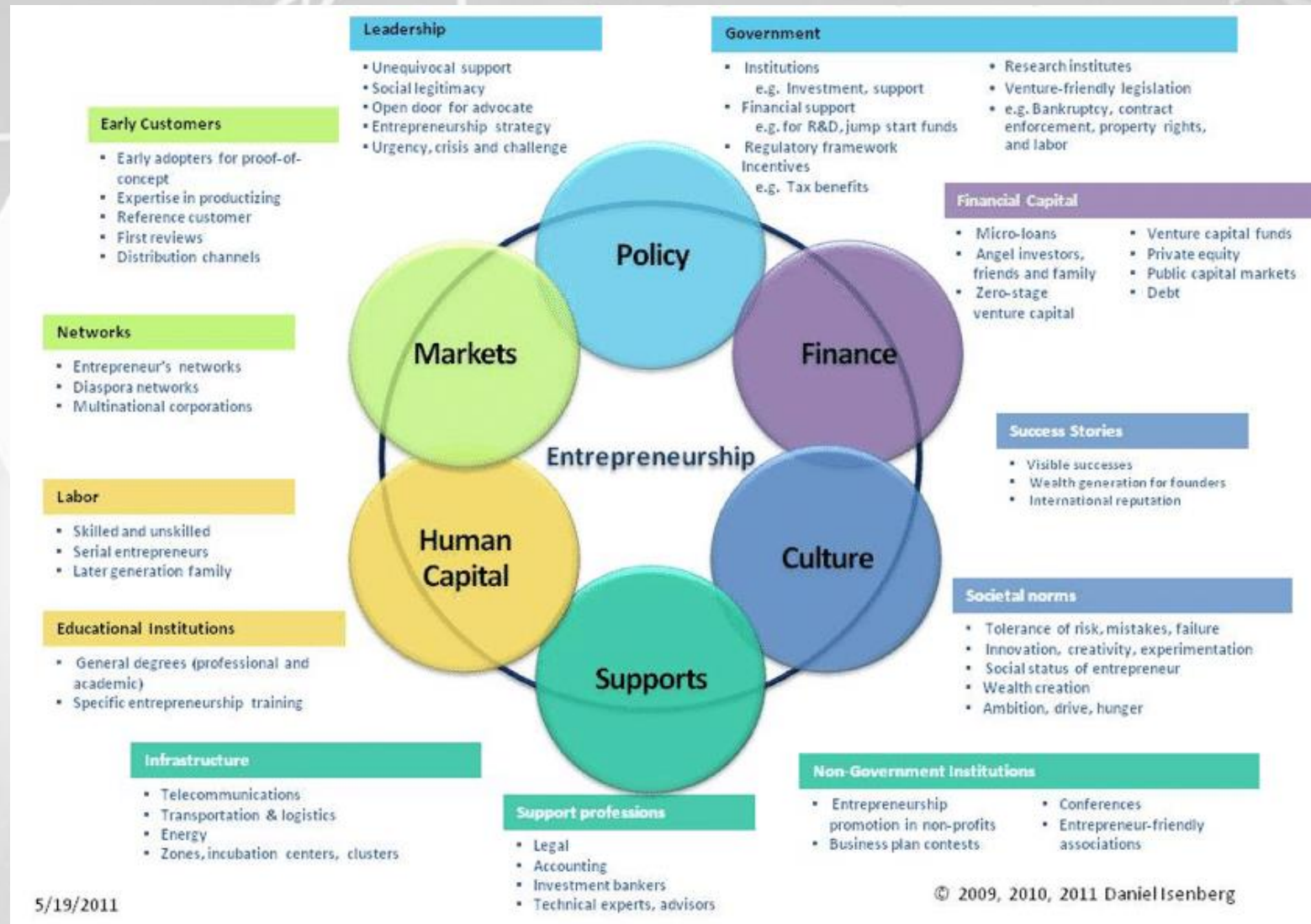
Strategy Innovation

Why EERN?

	Ranking		Performance	Funding	Market Reach	Talent	Startup Experience	Growth Index
Silicon Valley	1	0	1	1	1	2	1	4.2
New York City	2	0	3	2	3	7	4	4.5
London	3	▲ 3	4	4	2	10	5	4.8
Beijing	4	NEW	2	5	19	8	2	4.4
Boston	5	▼ -1	6	6	12	4	3	4.0
Tel Aviv	6	▼ -1	9	8	4	11	7	4.5
Berlin	7	▲ 2	7	9	6	5	10	4.6
Shanghai	8	NEW	8	3	10	9	13	5.5
Los Angeles	9	▼ -6	5	7	15	14	11	4.2
Seattle	10	▼ -2	12	13	14	3	6	4.5
Paris	11	0	14	14	9	16	8	4.2
Singapore	12	▼ -2	16	16	11	1	20	4.6
Austin	13	0	15	11	18	6	9	4.3
Stockholm	14	NEW	17	20	8	18	12	5.3
Vancouver	15	▲ 3	19	19	7	15	15	4.3
Toronto	16	▲ 1	18	12	5	20	18	4.7
Sydney	17	▼ -1	20	10	13	12	17	6.3
Chicago	18	▼ -11	13	15	20	13	14	3.9
Amsterdam	19	0	10	17	17	19	16	4.8
Bangalore	20	▼ -5	11	18	16	17	19	4.7

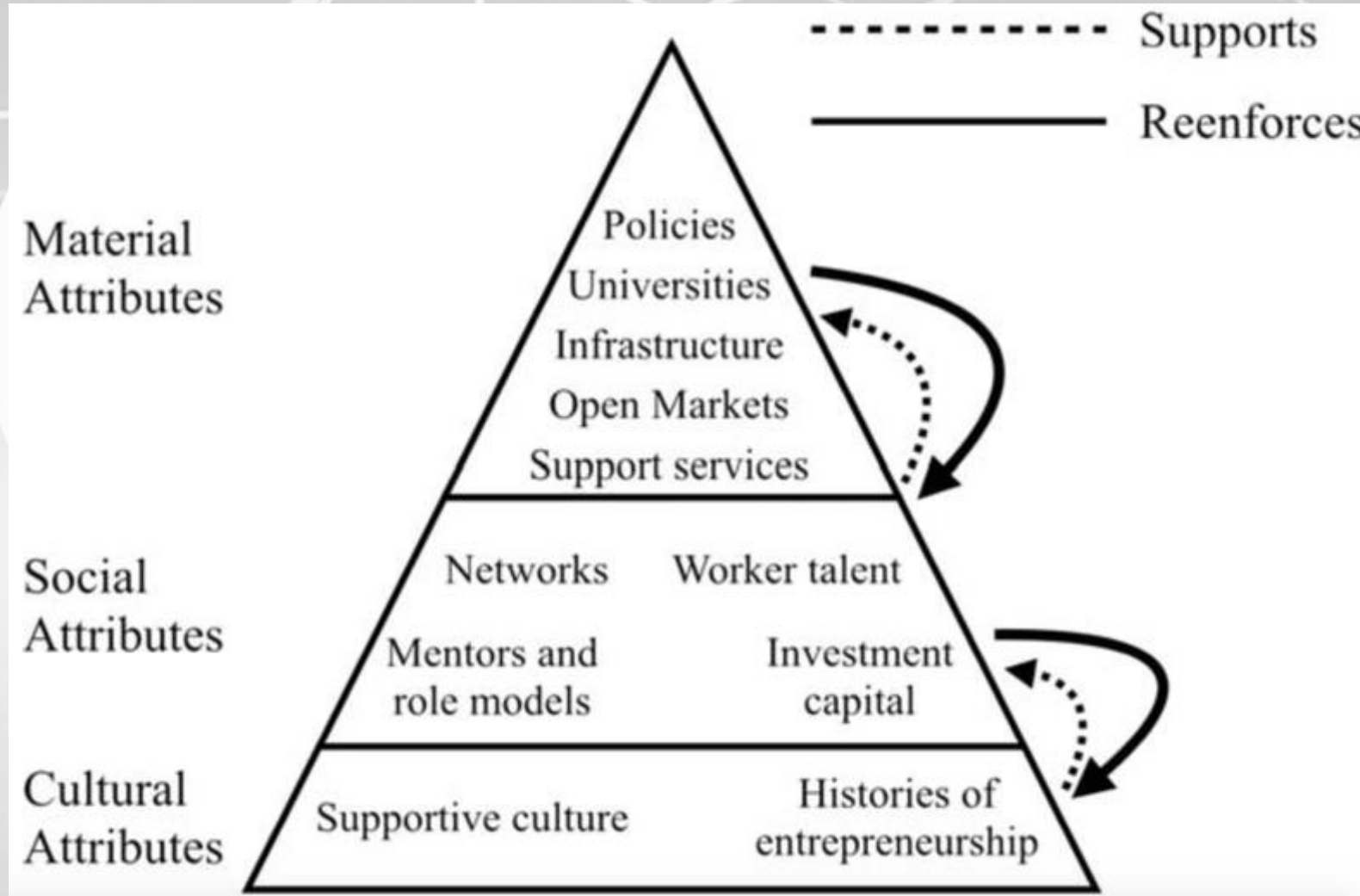
Source:
Startup Genome

Why EERN?



Strategy Innovation

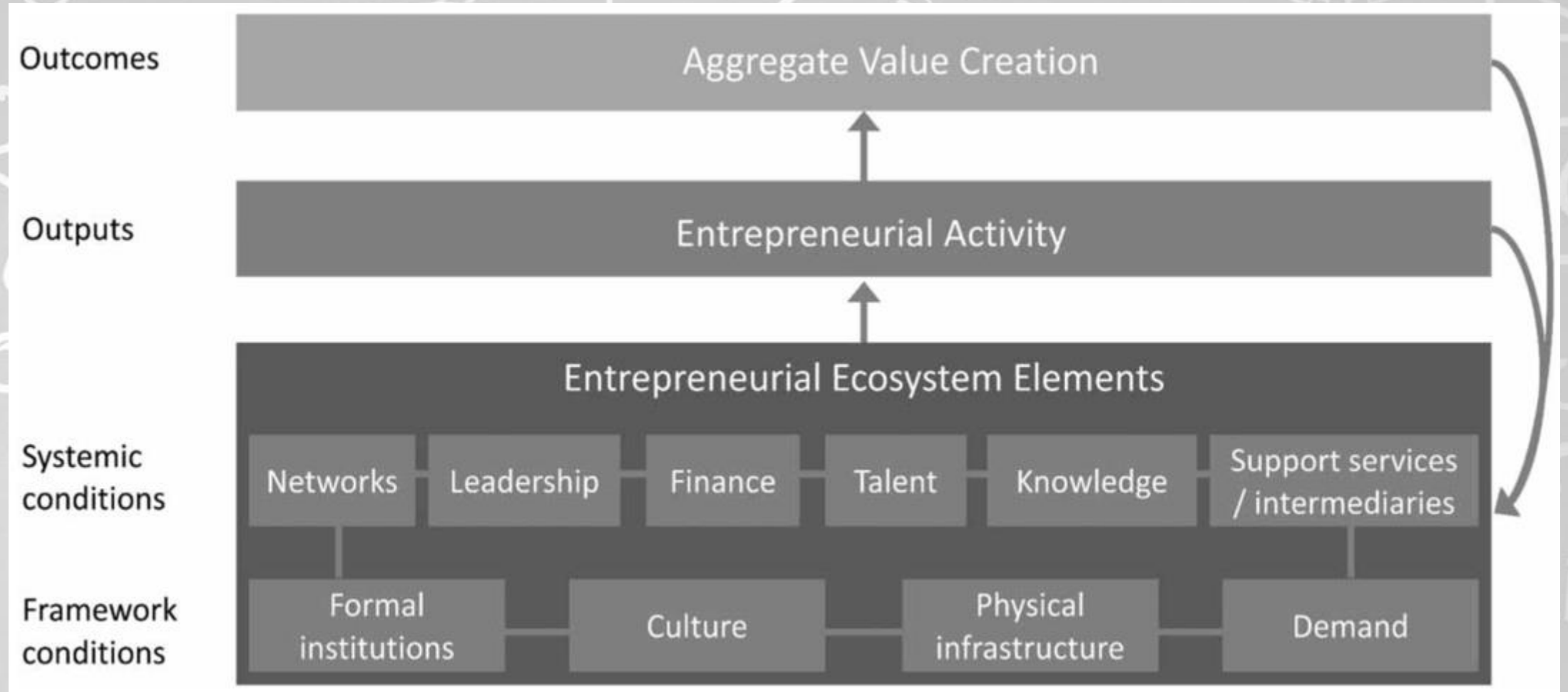
Why EERN?



Source:
Spigel (2015)

Strategy Innovation

Why EERN?



Strategy Innovation

Why EERN?

- Innovative regions and countries have been studied for decades
 - Industrial districts
 - Clusters
 - Learning regions
 - Regional/national innovation systems
- Ecosystem concept is adopted from fields (evolutionary) biology and complex systems
 - Combines advancements in knowledge/entrepreneurial economy and complexity economics
 - Quality over quantity
 - Entrepreneurs are not the output but a required input to sustain the ecosystem
 - Individual learning, adaption, and actions lead to systemic emergence

Strategy Innovation

Why EERN?

- Ecosystem concept as a new way of thinking about sustainable systems that produce entrepreneurship and growth
 - Term has become a buzzword and is often misused
 - Value is only added when applied beyond its metaphorical meaning
 - Research on ecosystems is fragmented across disciplines
 - Practice way ahead of theory
- Practicalities/implications for policy makers are unclear
 - Entrepreneurship ecosystems vs business/innovation ecosystems and platforms
 - Ecosystems vs farms/gardens
 - Focus on start-ups vs scale-ups
- We need a combined effort to better understand and grow ecosystems!

EERN's Mission

Entrepreneurship Ecosystem Research Network Ltd (EERN) is an **international community** and **think tank** that connects researchers across various backgrounds, policy makers, entrepreneurs, and other ecosystem stakeholders to enhance collaboration and discussion. EERN seeks to develop general concepts and frameworks that can be applied to **foster innovation, entrepreneurship, and growth in regions** around the world.

What is EERN?

- A community of researchers, policy makers, and practitioners
 - EERN Blog
 - Think Tank
 - Regional chapters
 - Working groups
- Leadership via supplementation instead of substitution
 - EERN complements existing approaches and initiatives
 - Brings together thought leaders from different disciplines
 - Bridges theory and practice
 - Increases collaboration and knowledge exchange
- Making the ecosystem concept accessible and a valuable tool to foster entrepreneurship and regional economic development

Management Team

Bernd Wurth

Utrecht University



*Co-Founder &
Managing Director*

Georg Förlinger

Open Austria



Co-Founder

Hesham Ali

University of Strathclyde



Financial Advisor




Events & Operations



*Business Development
& Marketing*

Advisory Board will be announced soon.

EERN Blog



Entrepreneurial Ecosystems and Stem Cell Commercialization at the University-Industry Boundary

Date 25 Mar 2016 / Posted By David Johnson / Comment 0 / Categories EERN Blog



From Warfare to Families: Lessons from Punk Rock and Craft Beer Ecosystems

Date 08 Mar 2016 / Posted By Sarah Drakopoulou Dodd / Comments 2 / Categories EERN Blog



A Blessing of Unicorns

Date 11 Feb 2016 / Posted By Ben Spiegel / Comment 0 / Categories EERN Blog



Spatial Dimensions and Structures of Entrepreneurial Support Ecosystems

Date 16 May 2016 / Posted By Paul Benneworth / Comment 0 / Categories EERN Blog



The Rise of Citypreneurs

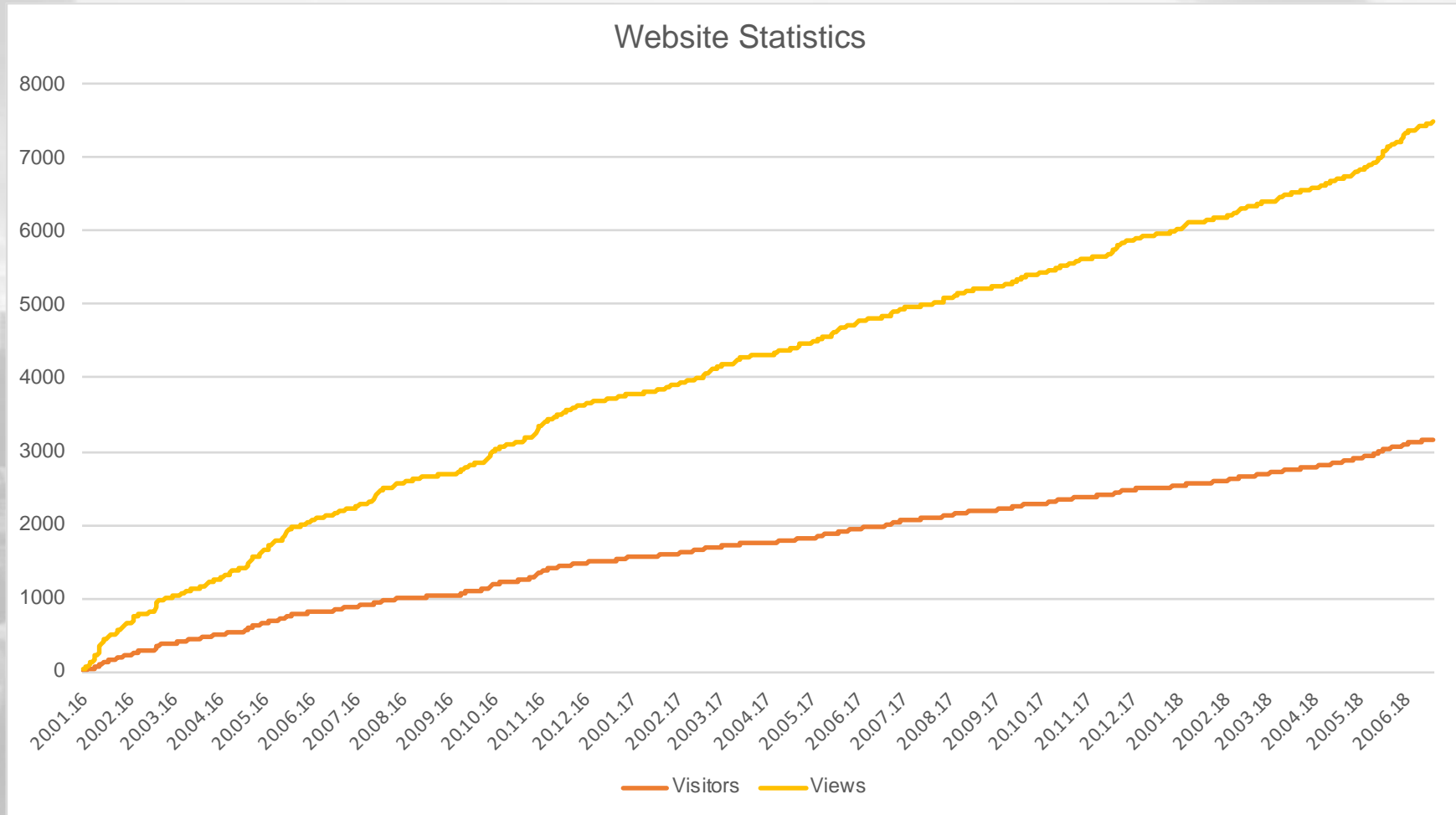
Date 20 Jan 2016 / Posted By Esteve Almirall / Comment 0 / Categories EERN Blog



What an Entrepreneurship Ecosystem actually is

Date 08 May 2016 / Posted By Daniel Isenberg / Comment 0 / Categories EERN Blog

Outreach



83 Likes



161 Follower

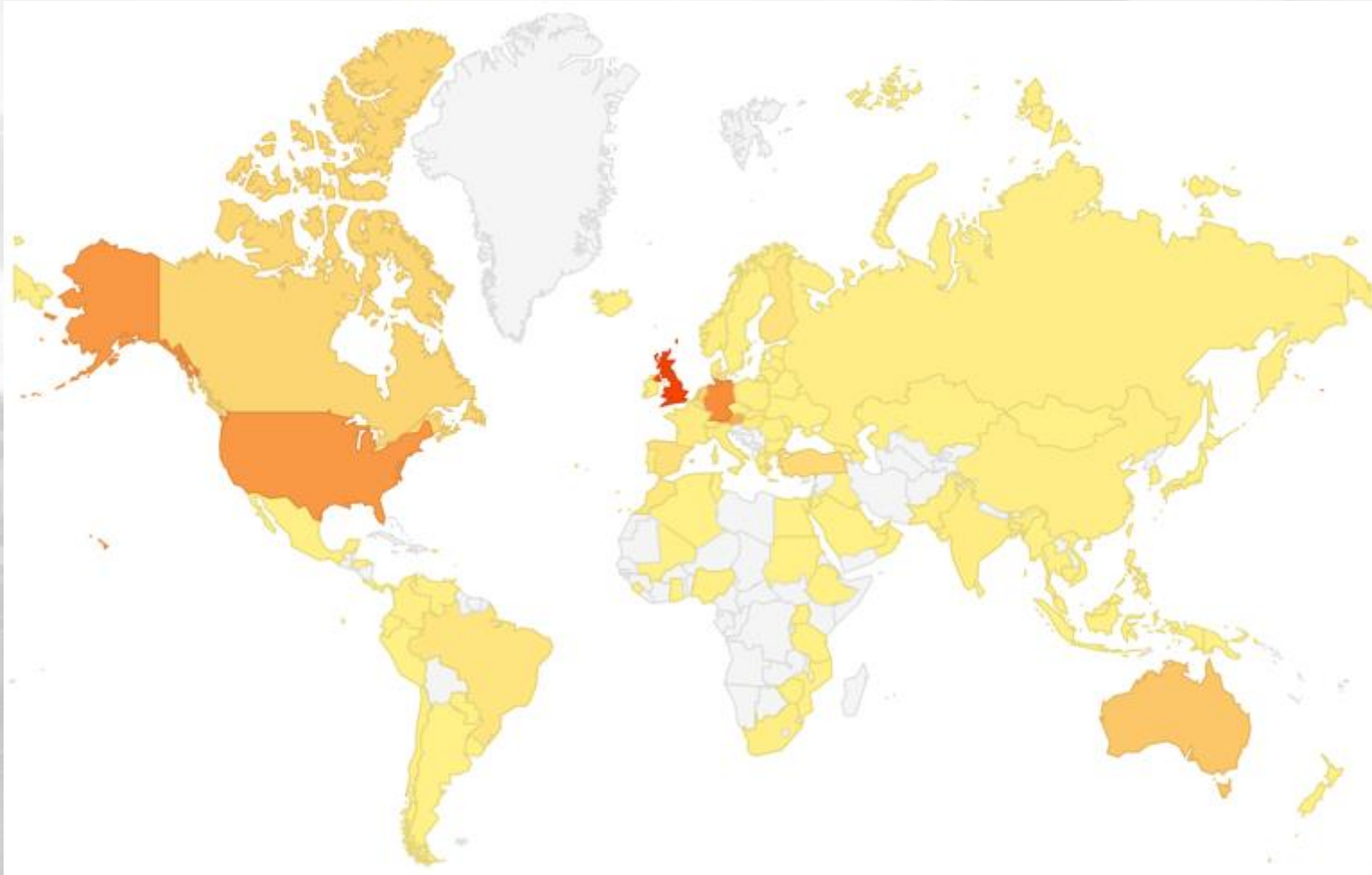


77 Follower

Last updated:

8th July 2018

Outreach



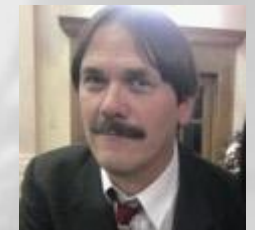
Geographical spread of website views (8th July 2018)

EERN Think Tank

- Enhancing our understanding of entrepreneurship ecosystems, providing high-level guidance and directions for research and knowledge exchange
- Forum of global experts and thought leaders
 - Researchers, policy makers, and practitioners
 - Events are invite only
 - Strictly about collaboration and not a forum to polish papers
- Flagship of EERN with close links to regional chapters and working groups

EERN Think Tank

- David Audretsch (*Indiana University*)
- Erkki Autio (*Imperial College London, GEDI*)
- Anders Hoffmann (*Danish Business Council*)
- Dan Isenberg (Babson, Harvard, Columbia)
- Sandy Kennedy (Entrepreneurial Scotland)
- Norris Krueger (*Entrepreneurship Northwest*)
- Jonathan Levie (*University of Strathclyde*)
- Colin Mason (*University of Glasgow*)
- Heike Mayer (*University of Bern*)
- Ben Spigel (*University of Edinburgh*)
- Friederike Welter (*University of Siegen, IfM Bonn*)
- ...



Last updated:
29th March 2018

Regional Chapters and Working Groups

- Regional chapters
 - Work closely with regional research and practitioner community
 - Representative-at-Large
 - Pilot projects: Middle East, Australia, East/Southeast Asia
- Working groups
 - Centered around particular topics
 - One (or two) group chairs
- Closely linked to the EERN Think Tank and involved in other EERN activities

Regional Chapters



- 1 North America
- 2 Middle America & Caribbean
- 3 South America
- 4 Western Europe
- 5 Africa
- 6 Middle East
- 7 Eastern Europe & Russia
- 8 Central & South Asia
- 9 East & Southeast Asia
- 10 Oceania

Regional Chapter: Middle East

- Acting chapter chair:
 - Dr Serdal Temel (Ege University, Turkey)
- Establishing a network of researchers and facilitating the involvement of entrepreneurs and ecosystem stakeholders
 - Currently identifying key individuals and need in the local communities
- Coverage and involvement in Workshops:
 - Entrepreneurial Ecosystems Workshop Izmir (2016)
 - Entrepreneurial Ecosystem Workshop Ankara (2017)



Regional Chapter: Oceania



- Chapter chair:
 - Laura Andreoli van Schijndel (RMIT University, Australia)
- Growing awareness of EERN and expanding the regional network
- “Innovation and Entrepreneurial Ecosystem Workshop 2017”
 - Collaboration with ISPIM at the 2017 Innovation Summit in Melbourne
- Planned events/initiatives:
 - Co-hosting the “Entrepreneurial Ecosystems Symposium 2018”
 - “Accelerating Growth in the Melbourne Ecosystem” (planned for fall 2018)



Regional Chapter: Oceania Innovation and Entrepreneurial Ecosystem Workshop



Regional Chapter: Oceania

Innovation and Entrepreneurial Ecosystem Workshop

- Discussion topics and emerging themes:
 - Too much focus on high-tech at the expense of other businesses
 - Excessively complex structures of government support programs, often inadequately designed to really help start-ups, and poorly promoted
 - Furthermore, it's not just about the money spend but how and to whom it is available
 - Weak links and insufficient interplay between the local entrepreneurial ecosystem and the innovation ecosystem built around the industry value chain
 - Ecosystems being highly fragmented despite high number of actors and initiatives
 - Hard for start-ups to navigate through this jungle
 - Opportunities concentrate around major cities (in this case Melbourne), with a lot of missed opportunities to engage rural Victoria
 - Culture is hard to create but a crucial factor
 - Research must address questions around (1) how to design support programs, (2) how to increase connectivity with the ecosystem, and (3) how to evaluate ecosystems



Regional Chapter: Oceania

Accelerating Growth in the Melbourne Ecosystem

- Key facts:
 - Planned for Fall 2018
 - Afternoon workshop with networking drinks afterwards (detailed program to follow)
 - Potential partners: Startup Victoria, RMIT University, MAP, MONASH Generator, local government
- Aim:
 - Understanding the role of university accelerators, how they grow student, graduate, and alumni entrepreneurship (and the links to university spin-off creation), as well as their place/links within the local ecosystem in general
- Initiating research collaboration based on work by Fuerlinger & Wurth
 - Fuerlinger's social capital perspective on accelerators (409 start-ups surveyes from Europe/US)
 - Map the involvement of accelerators in the wider Melbourne ecosystem

Regional Chapter: Middle America

- Chapter chair:
 - tbd
- Starting point: CEmprende
 - Developing a partnership with this Honduran NGO that aims to establish an entrepreneurship center in Tegucigalpa and to grow an entrepreneurial community
 - Documentation of the journey, networking, research support by EERN
- Involving and connecting researchers, foster knowledge exchange and international research collaboration



Regional Chapter: East/Southeast Asia



- Acting chapter chair:
 - Selina Cao (Imperial College London, UK)
- Establishing a network of researchers and facilitating the involvement of entrepreneurs and ecosystem stakeholders
 - Currently identifying key individuals and need in the local communities
- Further work in progress:
 - Exploring options for EERN-led events in 2018/2019

Regional Chapter: Western Europe



- Acting chapter chair:
 - Bernd Wurth (Utrecht University/University of Strathclyde)
- Past events:
 - Tech Ecosystems Summit 16
 - Developing Ecosystem Shapers
- Further work in progress:
 - Scottish Entrepreneurship Ecosystem Workshop 2018
 - Collaboration with Pioneers and Startup Austria for an event in Vienna

Regional Chapter: Western Europe Tech Ecosystem Camp 2016

- Key facts:
 - 1st December 2016
 - Frankfurt, Germany
 - Organised in cooperation with Tech Quartier and RKW
- Keynote speakers:
 - Hauke Stars (Executive Board, Deutsche Börse AG)
 - JF Gauthier (Startup Genome)
- Around 60 participants worked during this one-day event in an interactive setting on the state of fintech ecosystems in Europe

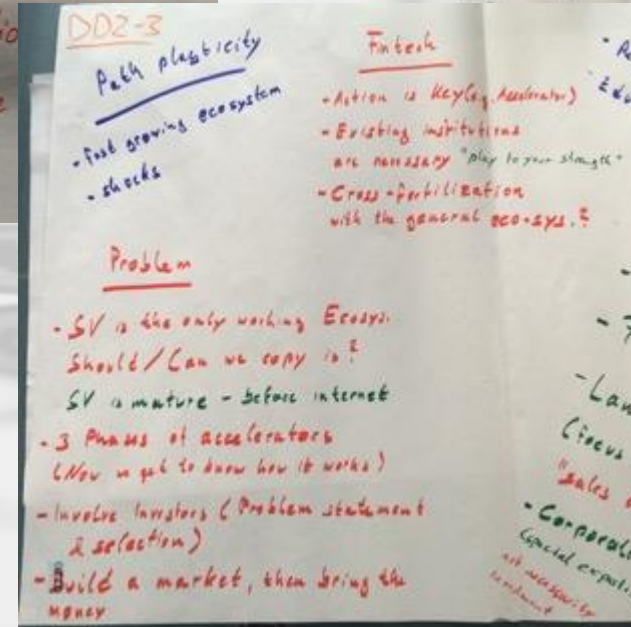
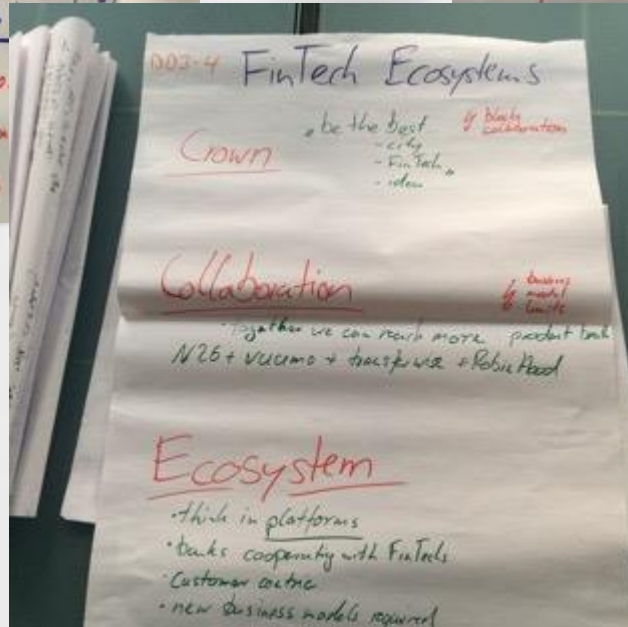
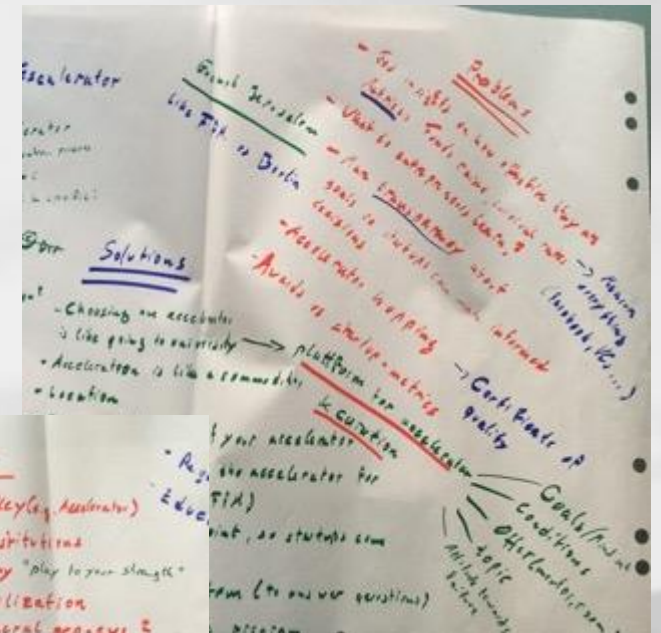
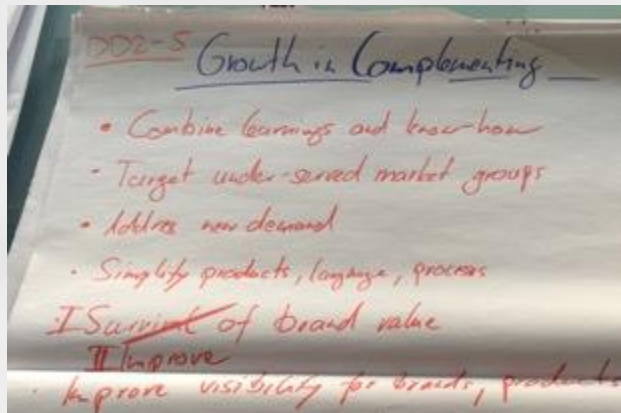
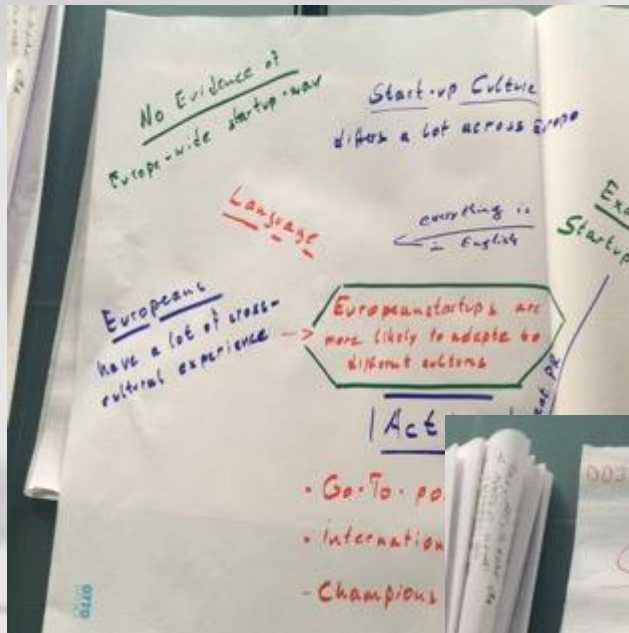


Regional Chapter: Western Europe Tech Ecosystem Camp 2016



Regional Chapter: Western Europe

Tech Ecosystem Camp 2016



Regional Chapter: Western Europe

Tech Ecosystem Camp 2016: Insights

1. Create venturesome customers
2. Foster your local entrepreneurship ecosystem
3. Engage corporates
4. Focus on growth
5. Get universities involved
6. Empower financial innovation in Europe
7. Collaboration among innovation ecosystems
8. European entrepreneurial identity
9. Re-think policy making and lobbying

Regional Chapter: Western Europe

Developing Ecosystem Shapers

- Key facts:
 - 5th December 2016,
 - Glasgow, UK
 - Organised by EERN, hosted by Strathclyde Business School
- Keynote presentations and discussions with the aim to understand the importance of individuals to make ecosystems work
- Speakers included:
 - Dr Ben Spigel (University of Edinburgh)
 - Bruce Walker (FutureX, WeAreTheFuture)
 - Prof Jonathan Levie (University of Strathclyde)
 - Dr Serdal Temel (Ege University, Turkey)



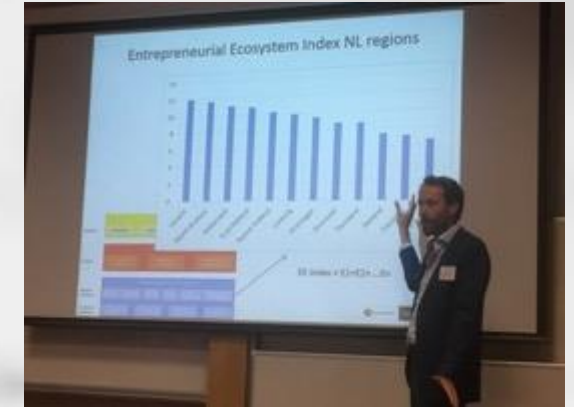
Regional Chapter: Western Europe

Developing Ecosystem Shapers

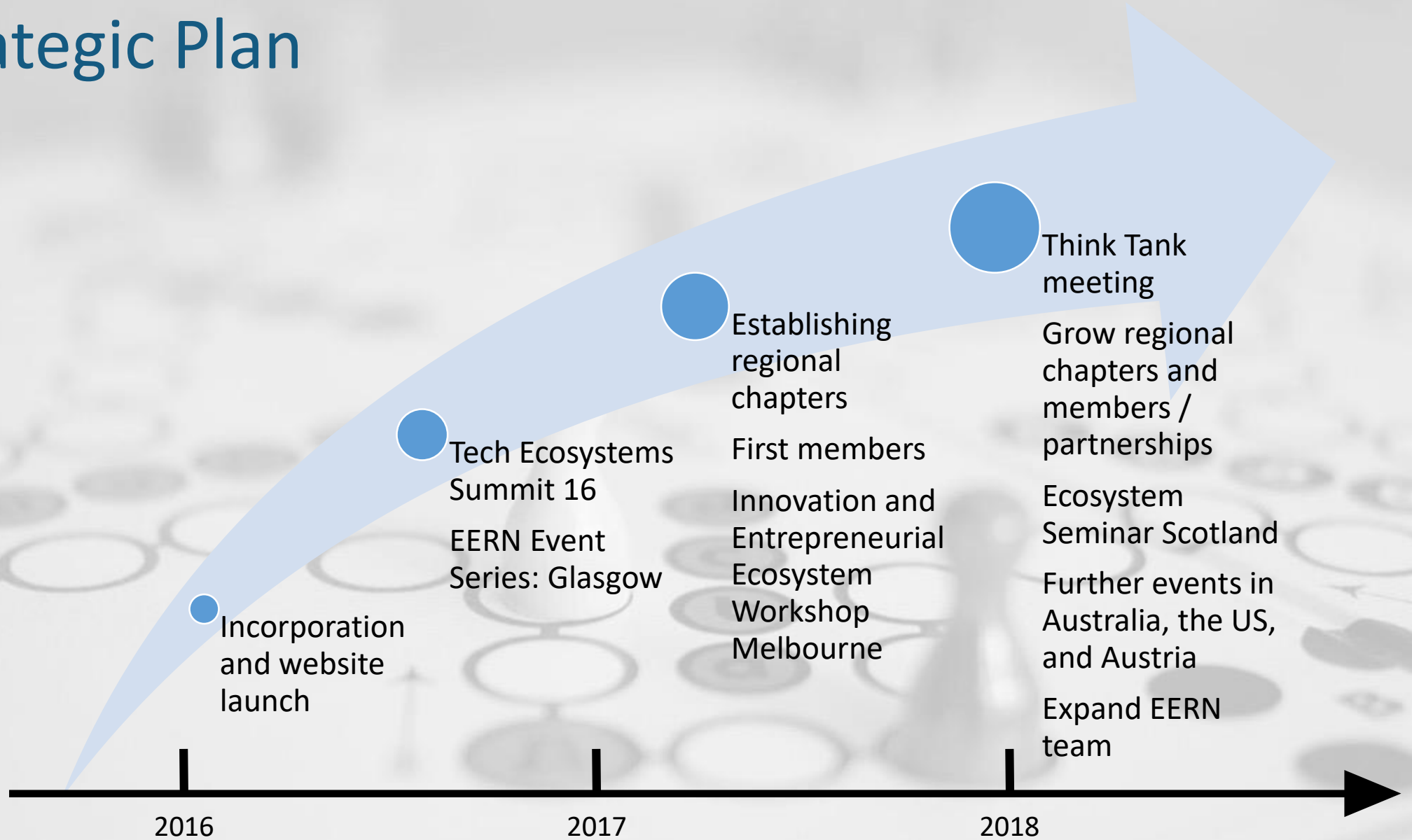


Regional Chapter: Western Europe Ecosystem Seminar Scotland 2018

- Key facts:
 - Planned for Fall 2018 in collaboration with Prof Colin Mason
 - Hosted by either University of Glasgow or University of Strathclyde
 - Building on the success of the 2017 workshop
 - Hosted by Ben Spigel, University of Edinburgh
 - Speakers: Prof Erik Stam, Dr Yas Motoyama
- Program for 2018:
 - Academic stream with keynotes and discussion rounds
 - Potential practitioner session/day
 - Including Cemprende (Honduras), SourceLink (US), Entrepreneurial Scotland, and SclaeUp Institute (UK)
 - Detailed program to follow



Strategic Plan



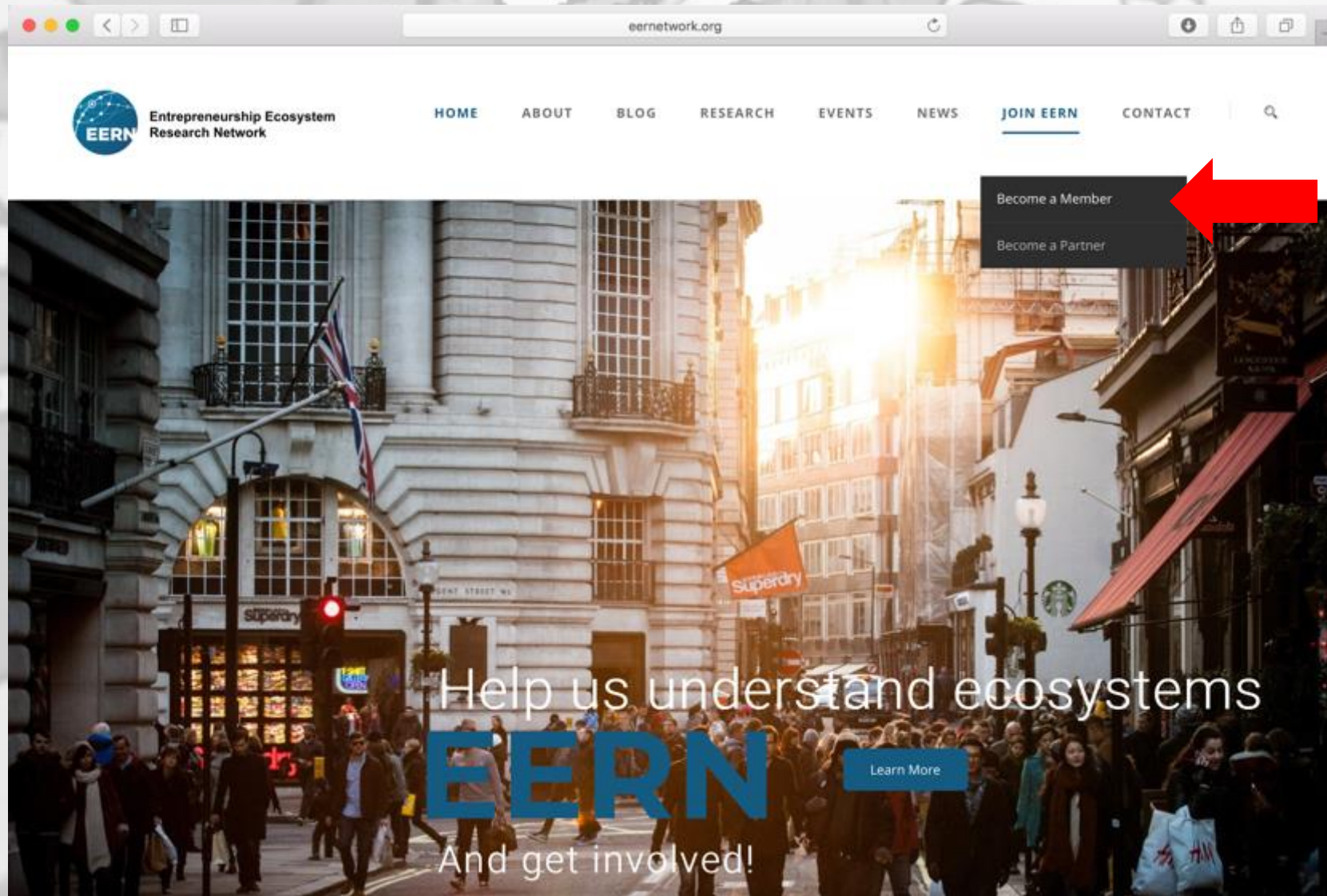
A stylized map of Europe is shown in the background, rendered in a light gray tone. Overlaid on the map is a complex network of thin, dark gray lines that connect various points across the continent. These points are represented by small, solid dark gray circles. The network is dense, particularly in the central and western parts of Europe, suggesting a high level of connectivity or a shared infrastructure. The overall aesthetic is clean and modern, with a focus on the interconnectedness of the region.

Join EERN!

Memberships

- Individual memberships
 - Student memberships (free)
 - Professional Memberships (£25/year)
- Why join EERN?
 - Become part of an emerging and vibrant network
 - Meet potential collaborators, supervisors, and employers
 - Access to resources, videos, and the white paper series
 - Discount for EERN events and free newsletter subscription
 - Get involved in regional chapters and working groups, contribute to scientific research and help making ecosystems work

Memberships



Partnerships

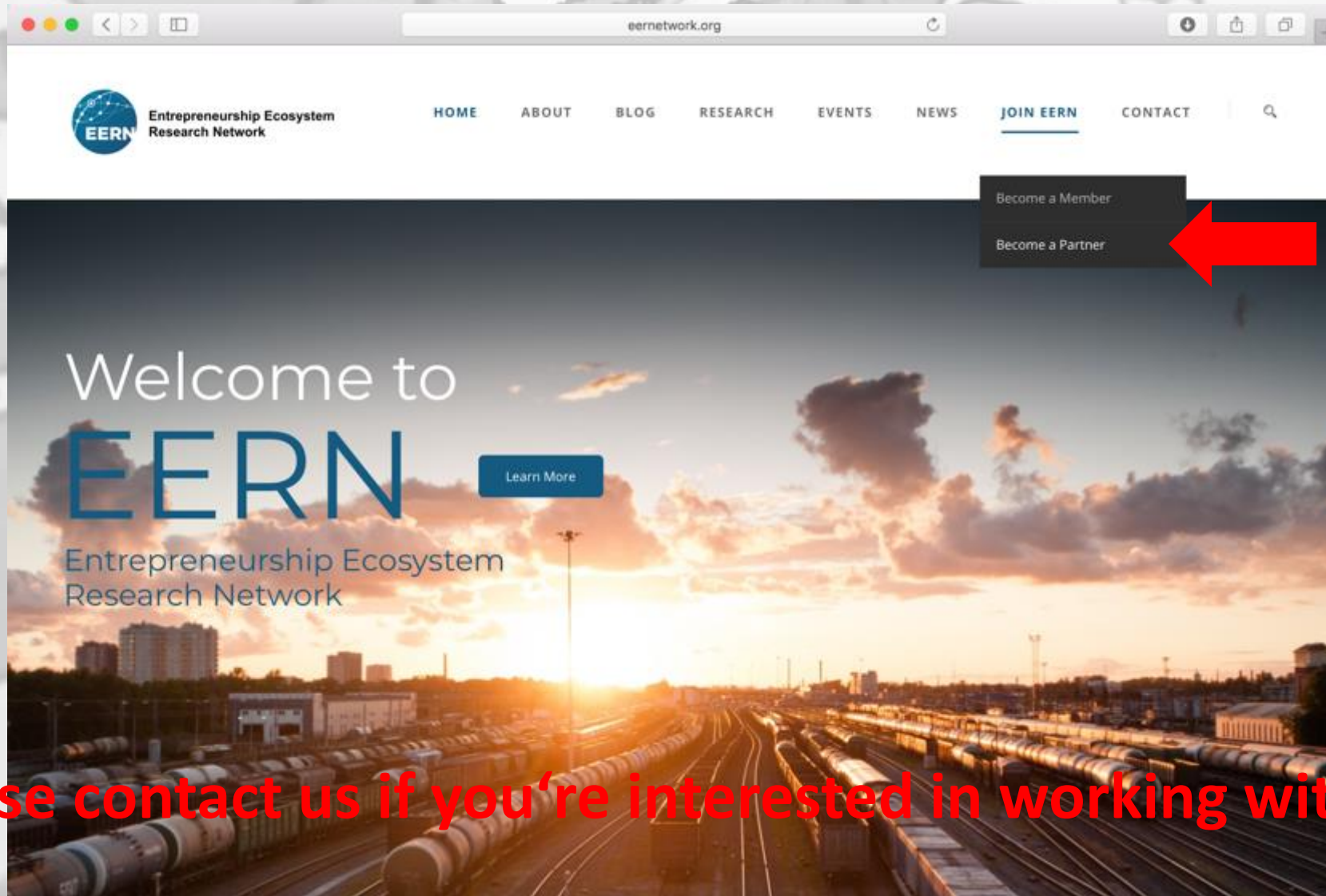
- Partnerships
 - Regular and Acceleration Partnerships
 - Starting from £1000/year (with ppp adjustments for some countries)
 - Individual arrangements/in-kind contributions possible
 - Includes memberships for individuals
- Project Partners
 - Negotiated on a case-by-case basis for particular events/initiatives



Partnerships

- Support for developing initiatives and events
- Access to a network of experts on different ecosystem components/aspects
- Be at the forefront of research on and practical applications of the ecosystem approach to regional development
- Make your research and outreach work accessible
 - EERN explainer video series (prototype stage)
 - Featured articles and interviews
 - Marketed to a targeted audience

Partnerships



Please contact us if you're interested in working with us!

Current/Past Project Collaborators



TechQuartier



University of
Strathclyde
Glasgow



RKW
Kompetenz-
zentrum

technopolis |group|

Unibator
enabling innovation.



Goethe University
Business Incubator
Frankfurt am Main

AIT
AUSTRIAN INSTITUTE
OF TECHNOLOGY
TOMORROW TODAY



RMIT
UNIVERSITY

ispim®



Join our mailing list:
<http://eepurl.com/dvIUef>



Entrepreneurship Ecosystem Research Network Ltd



eernetwork.org



facebook.com/eernetwork



[@eernetwork](https://twitter.com/eernetwork)



contact@eernetwork.org



linkedin.com/company/entrepreneurship-ecosystem-research-network/



[eernetwork](https://soundcloud.com/eernetwork)