

# SHAPING SCIENCE BASED CLUSTERS

Exchanging Best Practices for Strategists on Science Based Regional Development



## Draft Program

Wageningen  
The Netherlands

24 & 25 September 2009

Organized by:



In cooperation with:



With support of:



– Sixth Annual Conference of the Technopolicy Network –  
**SHAPING SCIENCE BASED CLUSTERS**

**Shaping Science Based Clusters:**

Ever since the cluster concept was introduced, it has rapidly attracted attention from governments, consultants, and academics. Many governments and industry organizations across the globe have turned to this concept as clusters enhance the capability for innovative conversion of science and technology into products, services and new businesses growth. Nowadays, clusters of existing and emerging science-based activities have been shown to be crucial factors in shaping the economic winners and losers of the first half of the 21st century. However, we must ask ourselves honestly: how far have we come in turning this paradigm into practice? What models have been developed so far? What is the role of knowledge institutes and other actors in the field? And to what extent can public policy influence the different processes?



**Regional Strategy Developers  
will learn about:**

- Successful models of knowledge transfer in Science Based Clusters;
- Good Practices in facilitating knowledge transfer;
- Preferred and necessary pre-conditions for success;
- Issues and aspects of sustainability of Science Based Clusters;
- Migration of the fruits of successful Science Based Clusters into the broader educational, economic and social context.

## THE TECHNOPOLICY NETWORK

**The Technopolicy Network** is an international network that brings together experts and practitioners in the field of Regional Innovation Policy. The network started in 2004 and now has members and partners in 18 countries and innovative regions in Europe, North America and Asia.

The mission of the network is to exchange knowledge and expertise on Regional Innovation Policy. To this end, The Network organises conferences, seminars and courses on regional innovation, brings the most innovative regions in the world together and helps to set up collaborative projects.

### Membership

You can join the Technopolicy Network as an individual or institutional member. Individual members receive a discount on the activities of the network and receive the Newsletter. Institutional membership offers further benefits such as promotion of your region and hosting an event. Please contact us for more information about the membership.

### Advisory Board

The management of the network is supported by the Advisory Board. Currently, this international body comprises the following members: **Washington** Roger Stough (President), **Cambridge** Alan Barrell, **Helsinki** Eero Holstila, **Beijing** Frank Liang, **The Hague** Peter Nijkamp, **Moncton** Douglas Robertson, **Delft** Ronald Vuijk

### Contact:

The Technopolicy Network is managed by Science Alliance.  
Our secretariat is located in The Hague.

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**THE TECHNOPOLICY NETWORK**

Global Community for Regional Innovation Policy



## PROGRAM DAY ONE – 24 SEPTEMBER 2009

<b>08.30h</b>	<b>Registration and Coffee</b>	
<b>09.00h</b>	Opening by the Chairman of the Day: <b>Roger Stough*</b> , President of The Technopolicy Network, Vice President of Research and Economic Development, NOVA Endowed Chair, Professor of Public Policy, George Mason University, Fairfax, VA, USA	
<b>09.10h</b>	<i>Welcome:</i> <b>Renée Bergkamp</b> , Director-General of Enterprise & Innovation, Ministry of Economic Affairs, The Hague, The Netherlands	
<b>09.20h</b>	<i>Welcome:</i> <b>Aalt Dijkhuizen*</b> , President, Wageningen University and Research Centre, Wageningen, The Netherlands	
<b>Can Science Based Clusters Be Shaped?</b>		
<b>09.30h</b>	<i>Innovative Clusters in A Modern Economy</i> <b>Christian Ketels*</b> , Principal Associate, Institute for Strategy and Competitiveness, Harvard Business School, Boston, MA, USA, Senior Research Fellow, Stockholm School of Economics, Stockholm, Sweden and Director of TCI-The Competitiveness Institute, Barcelona, Spain	
<b>10.10h</b>	<i>Open Innovation and Clustering</i> <b>Mikko Kosonen</b> , President, Sitra, Helsinki, Finland	
<b>10.30h</b>	<b>Questions and Answers</b>	
<b>10.40h</b>	<b>Coffee Break</b>	
<b>Successful Science Based Clusters</b>		
<b>11.00h</b>	<i>Science Based Clusters as a Driving Force for European Competitiveness</i> <b>Representative</b> of DG Enterprise and Industry, European Commission, Brussels, Belgium	
<b>11.20h</b>	<i>Cluster Development of Pudong Shanghai</i> <b>Zhu Xudong</b> , Director, Science and Technology Bureau, Pudong Shanghai, China	
<b>11.40h</b>	<i>The Role of the Company within a Science Based Cluster</i> <b>Alexander Wessels</b> , Business Group Director, DSM Food Specialties, The Netherlands	
<b>12.00h</b>	<b>Questions and Answers</b>	
<b>12.15h</b>	<b>Lunch</b>	
<b>13.30h</b>	<b>Networking Opportunity</b>	
<b>Connecting Questions &amp; Answers through your Personal 'Pigeon Hole'</b>		
<b>14.30h</b>	<b>Break-out sessions:</b>	
<b>Best Practices in Science Based Cluster</b>		
<b>Food/Agriculture</b>	<b>Life Sciences</b>	<b>ICT</b>
<i>Food Valley</i> <b>Roger van Hoesel*</b> , Director, Food Valley, Wageningen, The Netherlands  Ripon Yorkshire Food manufacturing Incubator or The Instiute of Food Research Norwich, England  Speaker from Oresund Region	<i>Chair:</i>  <i>Fostering the Life Science Industry in Jerusalem</i> <b>Shirley Kutner</b> , Executive Director, BioJerusalem, Jerusalem, Israel  <b>Frans Corstens</b> , Molecule-2-Man, Nijmegen, The Netherlands	<b>Speaker</b> from Canada  <i>Amsterdam Living Lab – An Example of Open Innovation</i> <b>TBD</b> , Amsterdam, The Netherlands  <b>Speaker</b> from Oslo Teknopol, Oslo, Norway
<b>16.00h</b>	<b>Coffee Break</b>	
<b>Forum Discussion</b>		
<b>16.30h</b>	<i>Cluster Development - Centralized Political Governance Models versus Market Oriented Models</i> <b>Zhu Xudong</b> , <b>Mikko Kosonen</b> , <b>Silvio Crestana</b> and <b>speaker</b> from US	
<b>17.30h</b>	<b>End of Program</b>	
<b>18.00h</b>	<b>Reception</b>	
<b>19.00h</b>	<b>Conference dinner</b> Dinner Speech by <b>Marijke van Haaren*</b> , Member of the Provincial Executive of the Province of Gelderland, The Netherlands	

**Speakers with \* are confirmed**

**PROGRAM DAY TWO – 25 SEPTEMBER 2009**

	Chairman of the Day: <b>Roger Stough*</b>	
<b>08.30h</b>	<b>Coffee</b>	
<b>Steering Science Based Clusters</b>		
<b>09.00h</b>	<i>Importance of International Cooperation</i> <b>Silvio Crestana</b> , Director-President, Embrapa, Brasilia, Brasil	
<b>09.20h</b>	<i>Governmental Investments as Core Drivers of Cluster Development</i> <b>Speaker</b> from Phoenix Arizona or Northern Virginia	
<b>09.50h</b>	<b>Alan Barrell</b> , Entrepreneur in Residence, Centre for Entrepreneurial Learning, University of Cambridge, Cambridge, UK	
<b>10.10h</b>	<b>Questions and Answers</b>	
<b>10.30h</b>	<b>Coffee Break</b>	
<b>11.00h</b>	<b>Break-out sessions:</b>	
<b>Taking Leadership in Shaping a Science Based Cluster</b>		
	<b>Knowledge Institute</b>	<b>Industry</b>
	<p><i>Chair:</i> Speaker of Delft?</p> <p><i>Facilitating Entrepreneurship and Innovation</i> <b>Kees Eijkel*</b>, Director, Kennispark Twente, Enschede, The Netherlands</p> <p><b>Thomas von Waldkirch</b>, President, Foundation TECHNOPARK®, Zürich, Switzerland</p>	<p><i>Chair:</i> <b>Speaker</b> of Oost NV</p> <p><i>Middle Sized Companies</i></p> <p><i>Plug and Play Techcentre-Silicon Valley</i></p>
		<b>Government</b>
		<p><i>Chair:</i> <b>Eero Holstila*</b>, Director, Office of Economic Development, City of Helsinki</p> <p><i>Building Technology cooperations between companies and between companies and academia</i> <b>Josef Nassauer</b>, CEO, Bayern Innovative GmbH, Nuremberg, Germany</p> <p><b>Speaker</b> from Canada</p>
<b>12.30h</b>	<b>Lunch</b>	
<b>14.00h</b>	<b>Break-out sessions:</b>	
<b>Round Table Discussions</b>		
	<b>The role of Soft Capital in Clusters</b>	<b>Creating Entrepreneurship Facilities in Clusters</b>
	<p><i>Chair:</i> <b>Wim Heijman*</b>, Professor, Wageningen UR, Wageningen, The Netherlands</p> <p><b>Speaker</b> of Algarve Regional Center of Innovation</p>	<p><i>Chair:</i></p>
		<b>Attracting external investments to Clusters</b>
		<p><i>Chair:</i> <b>Alan Barrell</b></p> <p><i>Key determinants of attracting new investments</i></p>
<b>15.30h</b>	<b>Coffee Break</b>	
<b>Forum Discussion</b>		
<b>16.00h</b>	<i>Instruments to Shape Science Based Clusters</i> <b>Topic and International Panel Members to be determined</b>	
<b>17.00h</b>	<b>End of Program and Closing Reception</b>	

**Speakers with \* are confirmed**