

# Construction of Clusters

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# Agenda

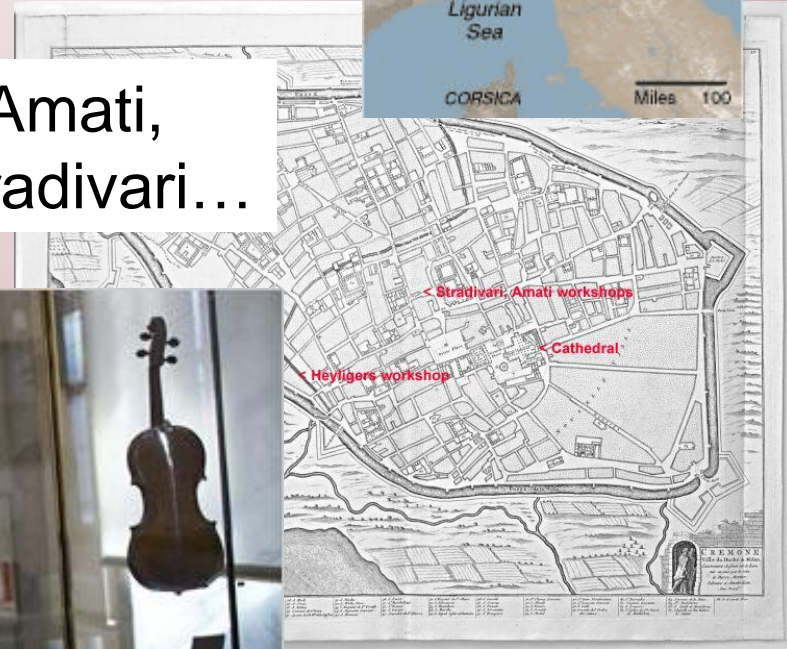


**Fact Based Policy**

Construction of Clusters

# Cremona

16th and 17th century: Andrea Amati, Giuseppe Guarneri, Antonio Stradivari...

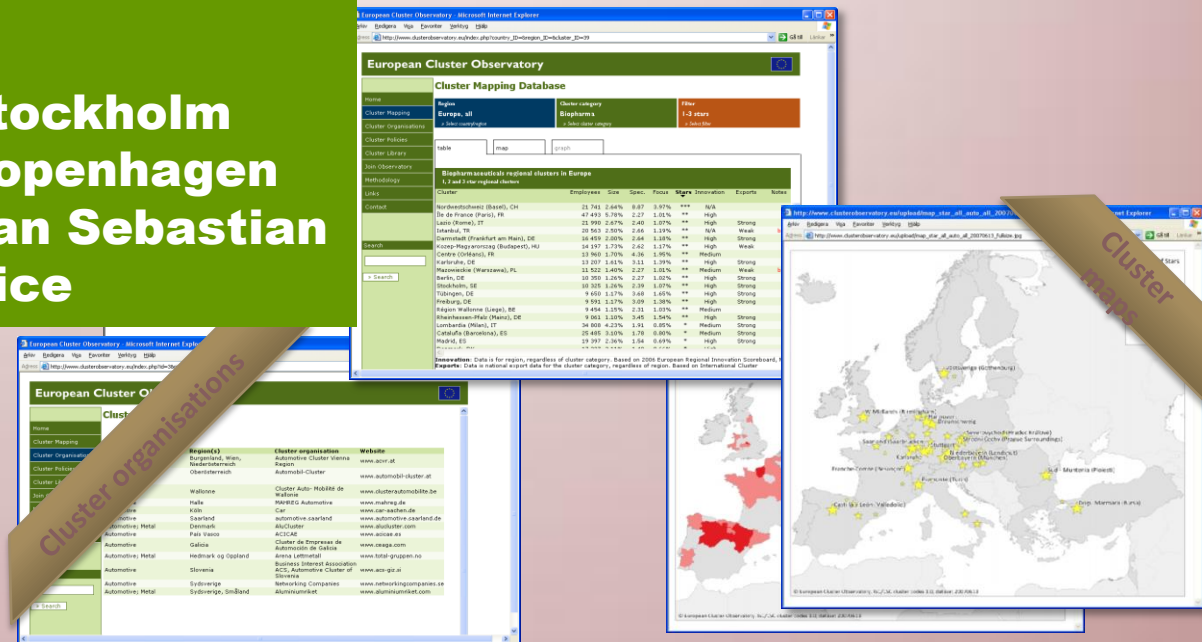


# Cluster Data

**Europe**

**CSC  
FORA  
Orkestra  
Sophia Antipolis**

**Stockholm  
Copenhagen  
San Sebastian  
Nice**



**North America**

**ISC  
ICAP**

**Boston  
Toronto**

**Asia**

**Asia Competitiveness  
Institute  
Singapore**

# Four Pillars

Cluster  
mapping

Cluster  
organisa-  
tions

Cluster  
policy

Cluster  
library

The screenshot shows the European Cluster Observatory website. The browser window title is "European Cluster Observatory - Windows Internet Explorer". The address bar shows the URL "http://www.clusterobservatory.eu/index.php?id=68&id=".

The website has a green header with the text "European Cluster Observatory" and the European Union flag. Below the header is a navigation menu with the following items: Home, Cluster Mapping, Cluster Organisations, Cluster Policies, Cluster Library, Cluster Articles, Cluster Cases (highlighted), Policy Documents, Regional Reports, Join Observatory, Methodology, Links, and Contact.

The main content area is titled "Cluster Cases". It contains a paragraph: "This subsection provides a number of cluster case studies in Europe." followed by a bullet point: "• **Wireless Valley** - a report by Michael E. Porter, Örjan Sölvell and Ivo Zander about the Swedish telecom cluster in Stockholm - Kista. It was published by the Invest in Sweden Agency (ISA) in 2000." Below this, it says: "Below you can find the cases prepared for the Observatory. Published reports are highlighted in green, other cases to follow in 2008:".

There is a table with two columns: "Country" and "Cluster".

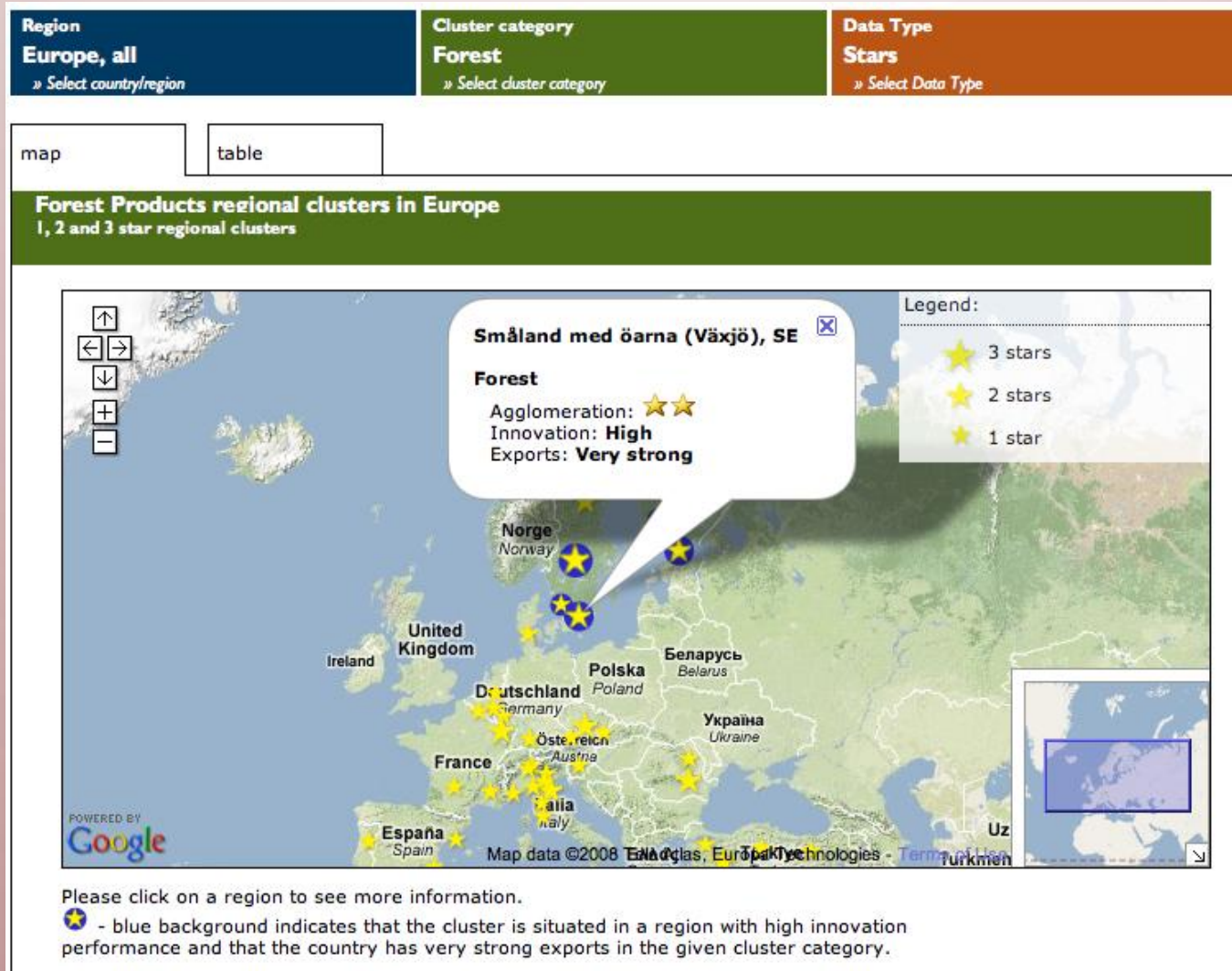
Country	Cluster
Austria	Eco-energy in Upper Austria
Bulgaria	ICT in Bulgaria
Cyprus	Financial Services in Cyprus
Czech Republic	Packaging cluster in Prague region
Denmark	Food packaging in Southern Denmark
Estonia	IT in Tallinn
Finland	Forest industry in Finland
France	Microelectronics in Grenoble
Germany	Chemicals in Central Germany
Hungary	Biotechnology clusters in Budapest
Ireland	Shared Services in Dublin
Israel	MAGNET programs in Israel
Italy and Romania	Sports footwear in Montebelluna and Timisoara
Italy, Spain and France	Scooters in Southern Europe
Latvia	Wood processing in Latvia
Lithuania	Laser technology in Vilnius
Malta	Tourism in Malta
Netherlands	Flora industry in Holland
Norway	Oil equipment in Sorlandet
Poland	Aerospace in Rzeszow
Slovakia	Automotive in Bratislava
Slovenia	Toolmakers in Celje
Spain	Textiles in Catalonia
Sweden	Ventilation Systems in Västra Götaland
United Kingdom	Seafood in Yorkshire/Humber

At the bottom of the page, there is a search bar with a "Search" button. The footer contains the text "Admin log in" and "Produced by UNIO".



# Star Maps

[www.clusterobservatory.eu](http://www.clusterobservatory.eu)



# Star Clusters



Out of ~ 10,000 potential clusters in Europe:

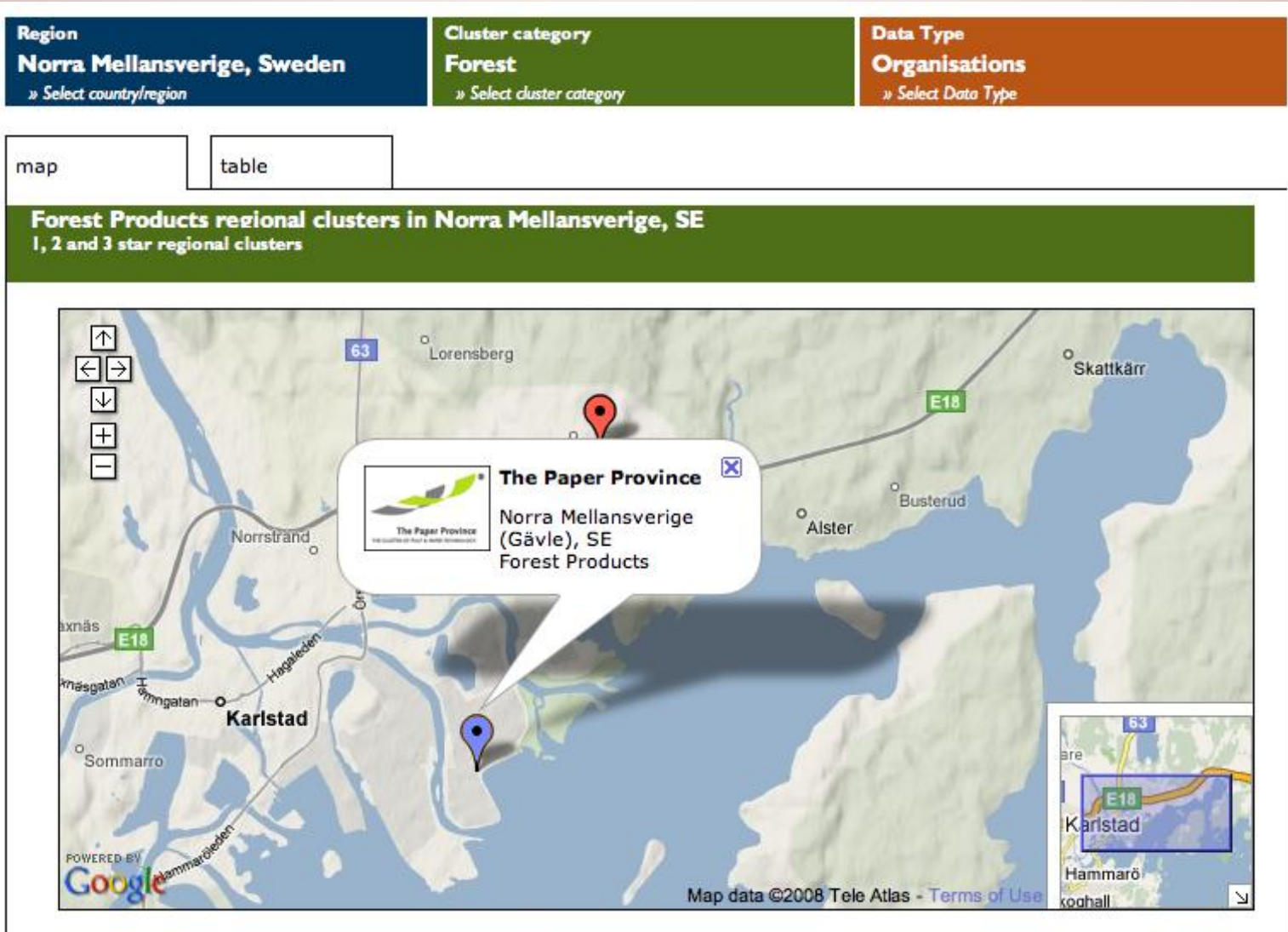
~ 1.300 One-star clusters

~ 500 Two-star clusters

~ 150 Three-star clusters



# Cluster Organisation Maps



# French praise for the Observatory

We are impressed by the work that your organisation has accomplished in order to establish the web observatory of the European clusters!

*Thilo Schönfeld, Aerospace Valley, Toulouse*

We have observed your internet site with great interest and would like to thank you for the work you are doing to identify and qualify the european clusters.

*Sofiène Lourimi, Opticsvalley, Palaiseau*

It is with great interest that I have just discovered the cluster observatory project.

*Carlos Pereira, Technopole Lille Métropole, Lille*

# Agenda

Fact Based Policy



**Construction of Clusters**

# Construction Level



# Cluster Construction – Top-down

## The EU Role

### Policy for Clusters

1. Single Market
2. Trade
3. Competition
4. Science
5. Innovation

### Cluster Policy

1. Inspire cluster initiatives
2. Fact-based policy/evaluation
3. Cluster networking
4. Cluster manager training
5. Policy learning

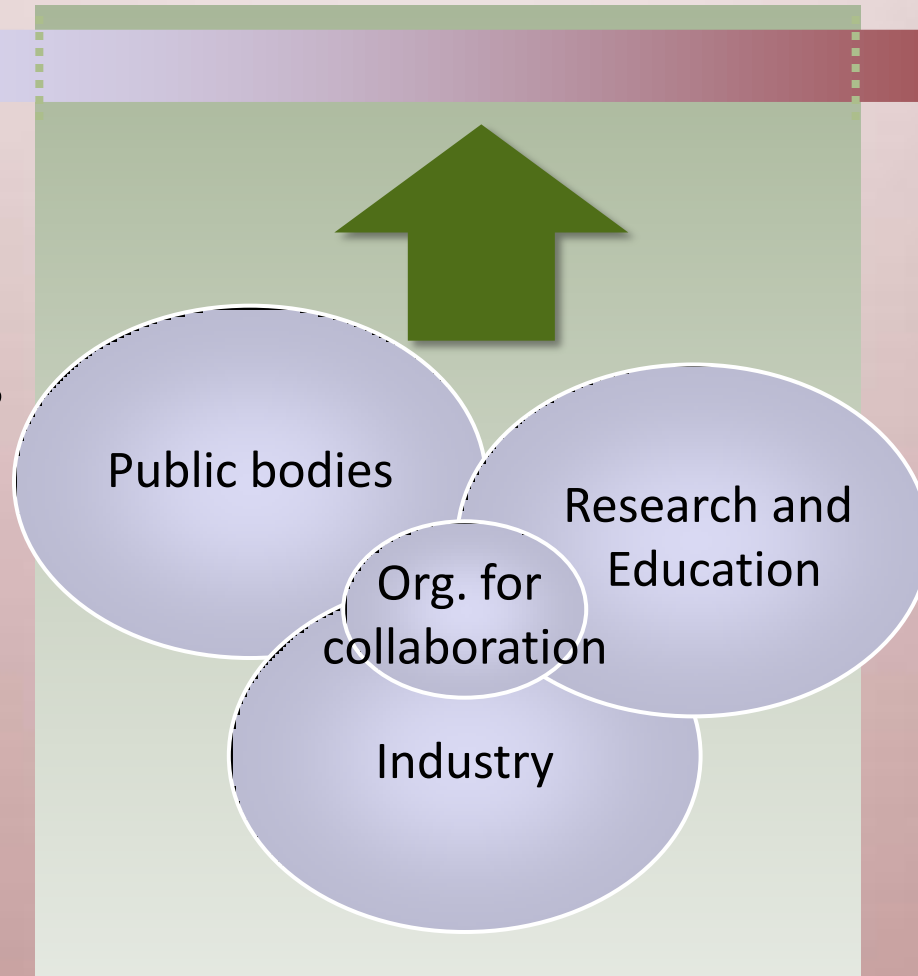
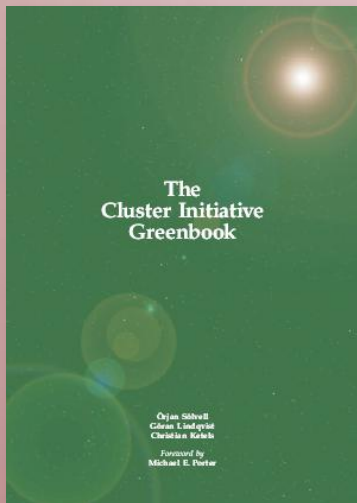


# Cluster Construction – Bottom-up

Organic Clusters

Planned Clusters

Cluster initiatives





?

Organic Clusters

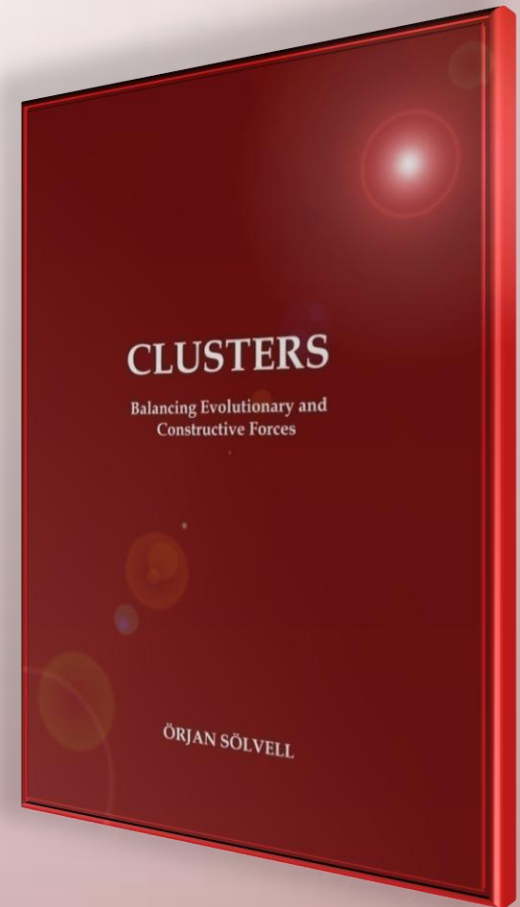
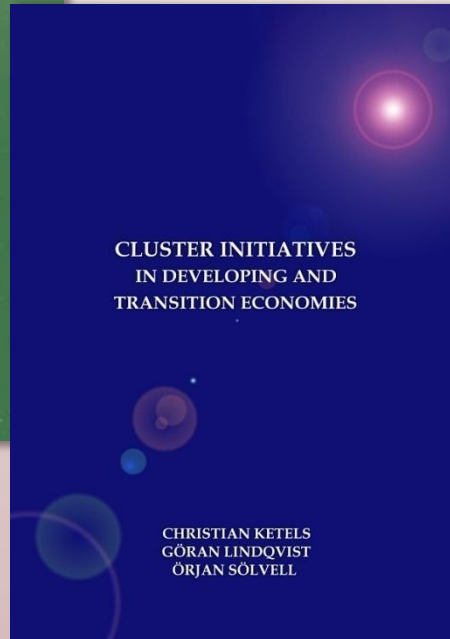
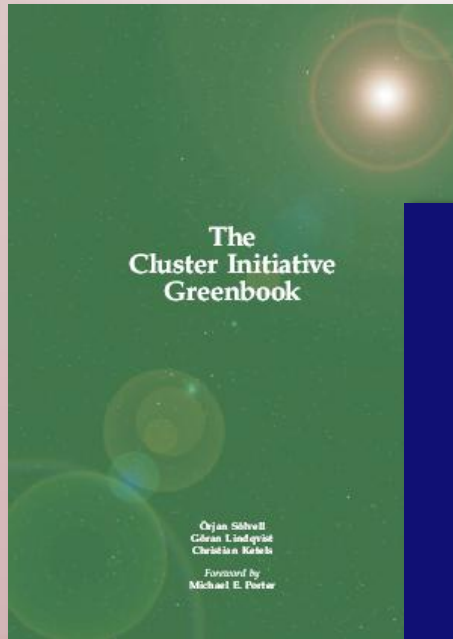
Planned Clusters



Wall Street



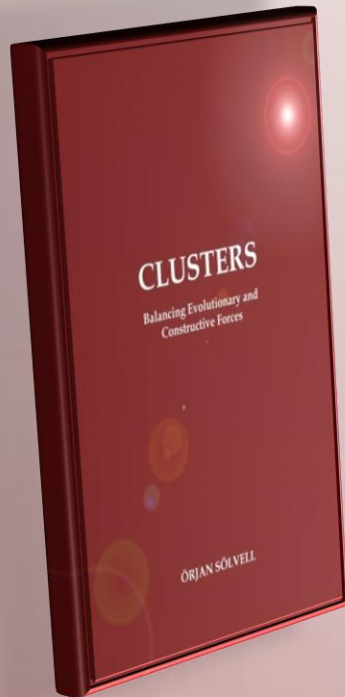
Moskva City - Москва-Сити



## Clusters

Balancing Evolutionary and Constructive Forces

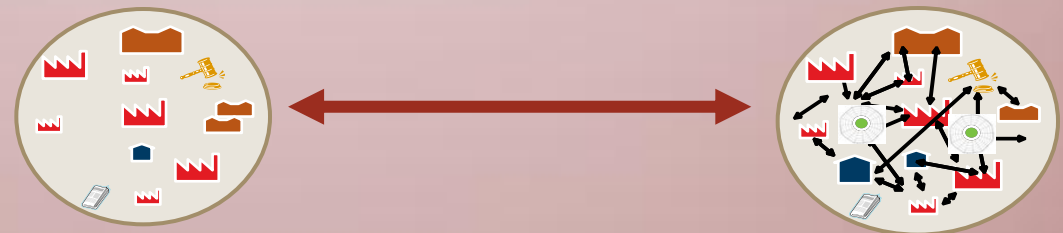




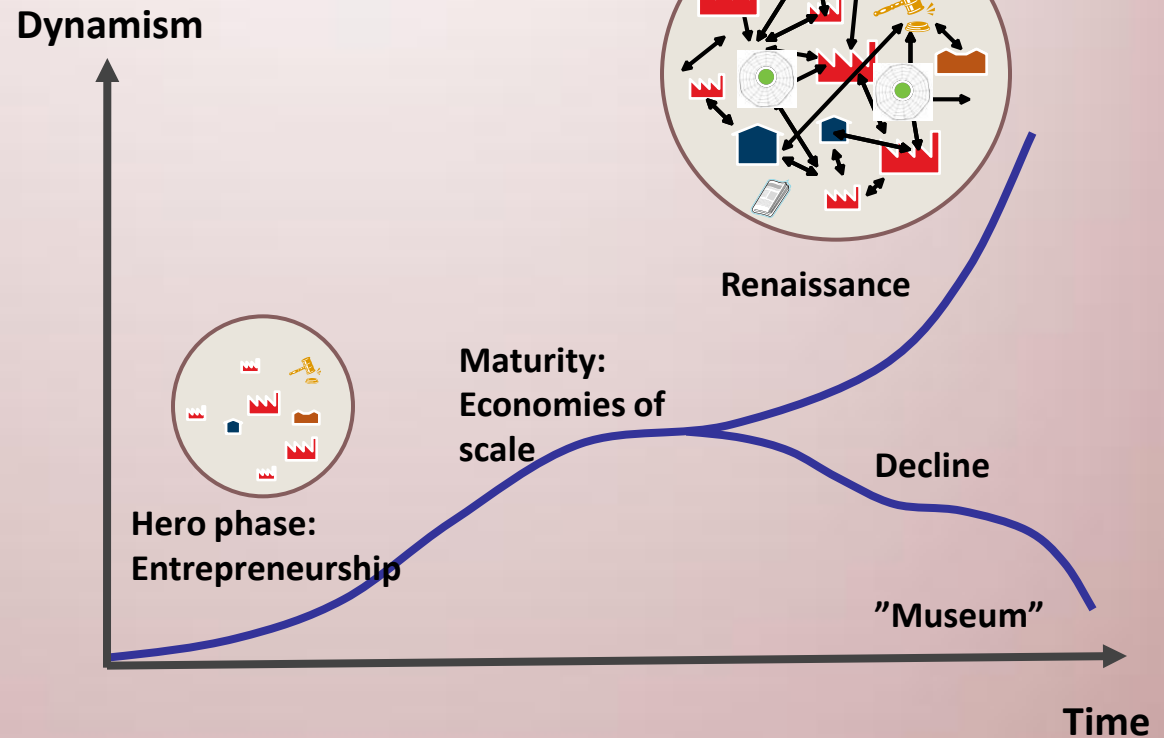
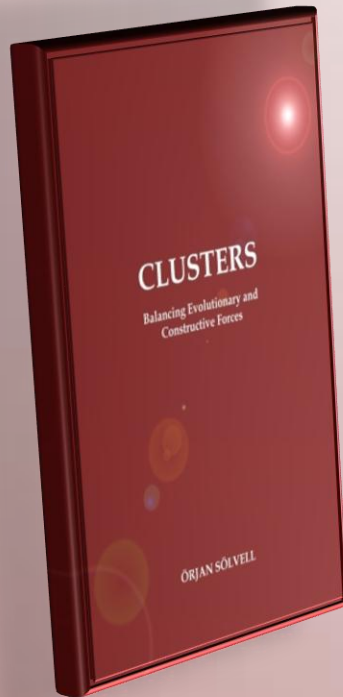
## 1. Agglomeration



## 2. Dynamism



### 3. Life cycle



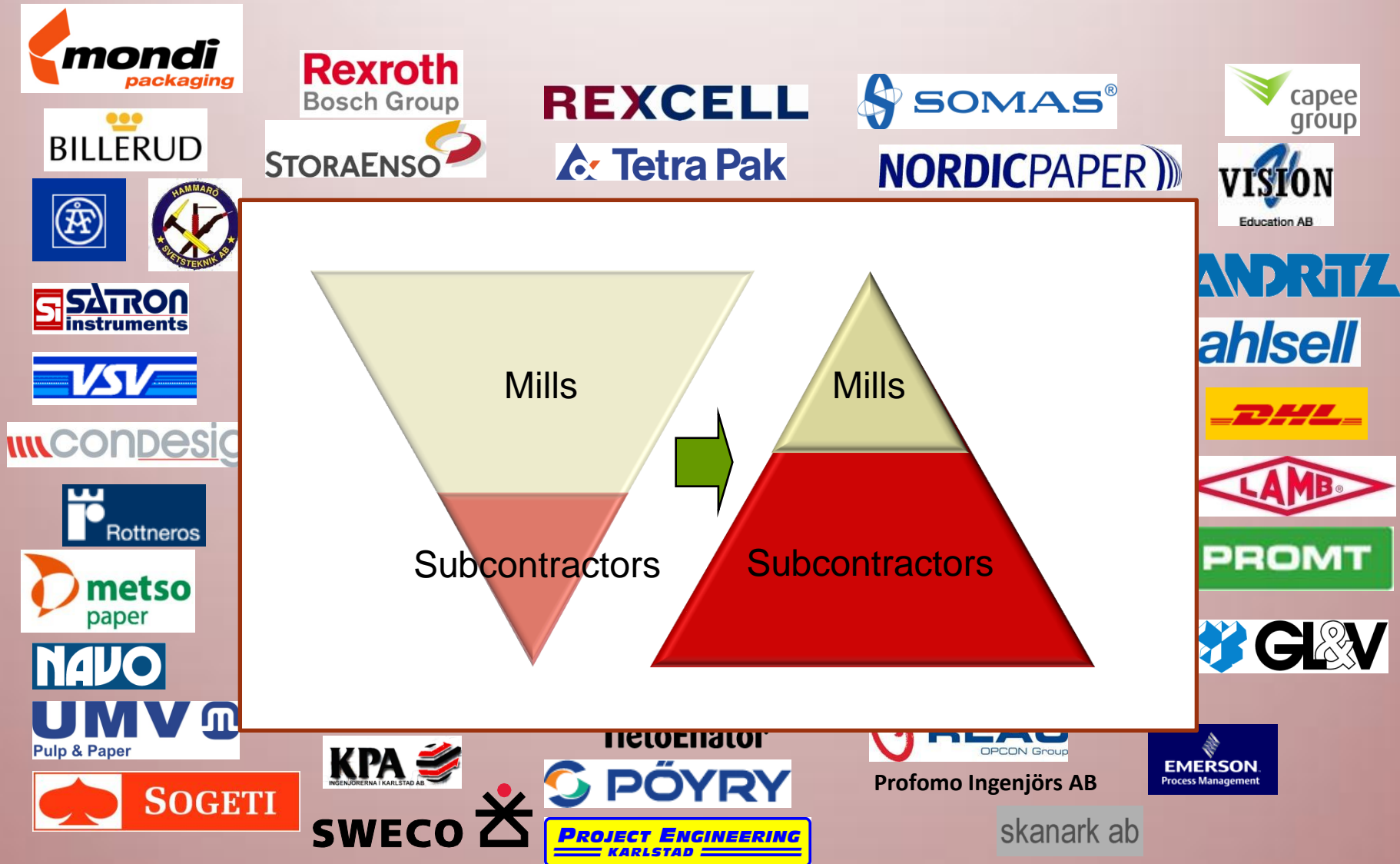
### 4. Construction



# Cluster Reconstruction Case



# Cluster Reconstruction Case





# Leveraging Different Construction Levels



International



National



Regional



Local



**Thank you!**