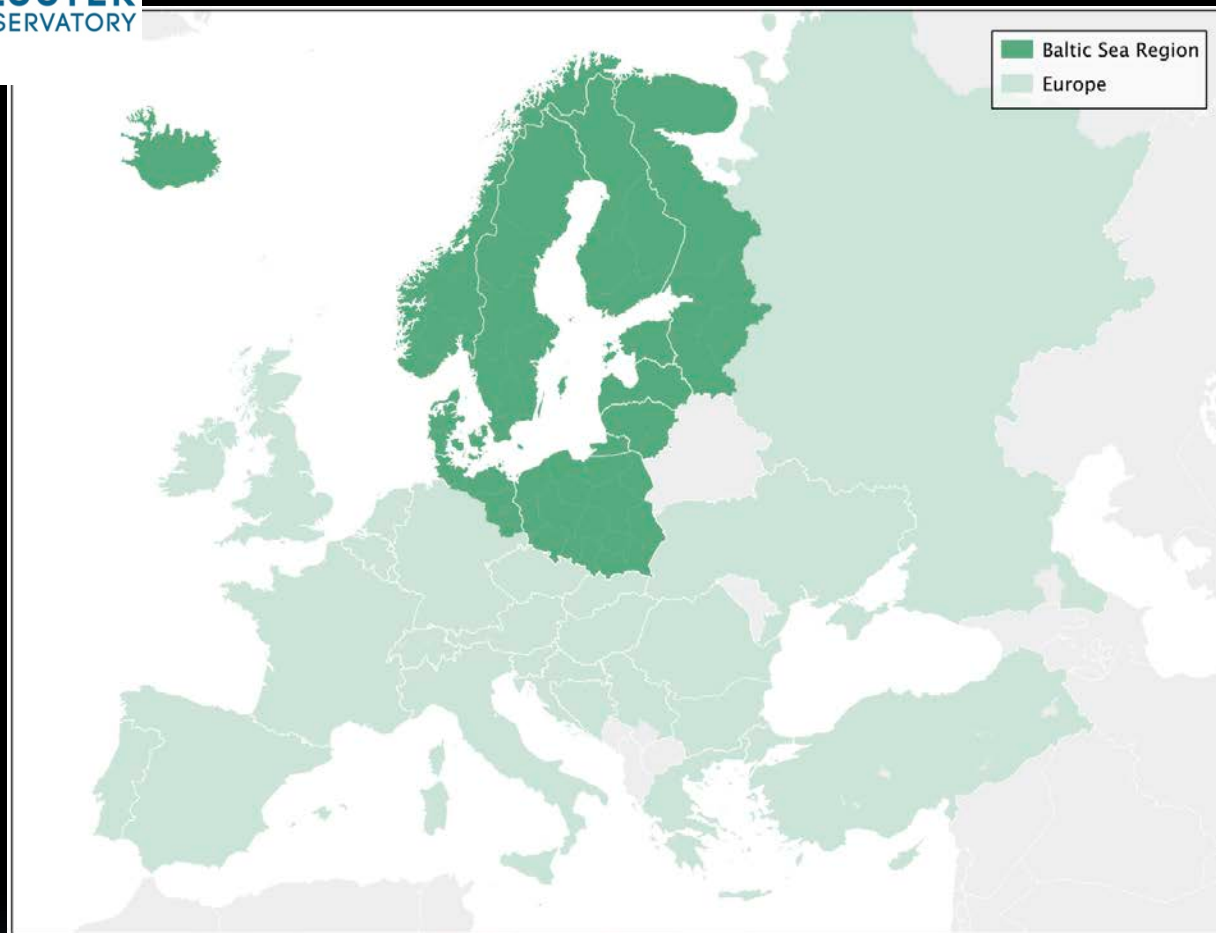


# Regional & Cluster Competitiveness in the Baltic Sea Region

Professor Örjan Sölvell





# BSR

**56 Regions**  
**4 cluster categories**

I  
C  
T

C  
L  
E  
A  
N

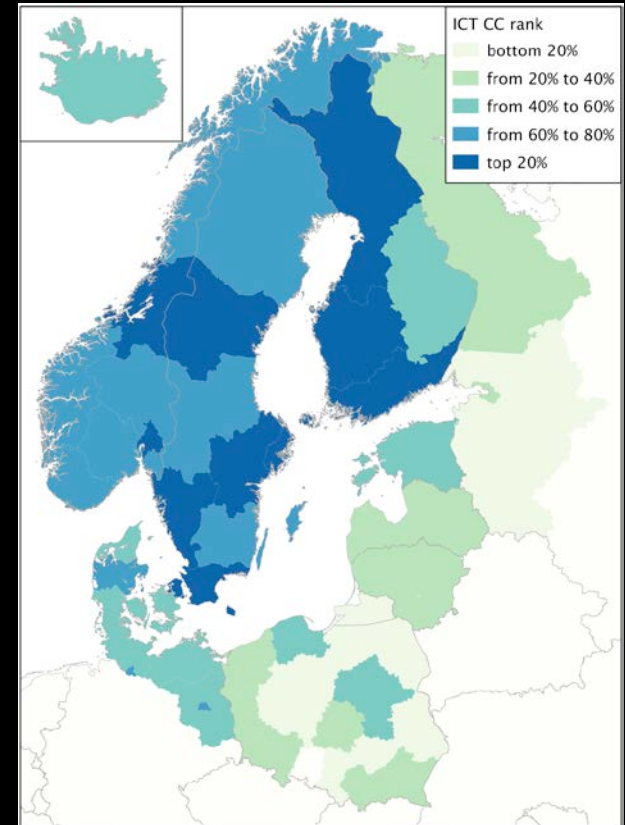
H  
E  
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H

M  
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# Cluster Competitiveness (CC) Rankings

Benchmarking:

- Europe (1 – 385)
- Transatlantic (1 – 564)



## BSR - ICT Clusters

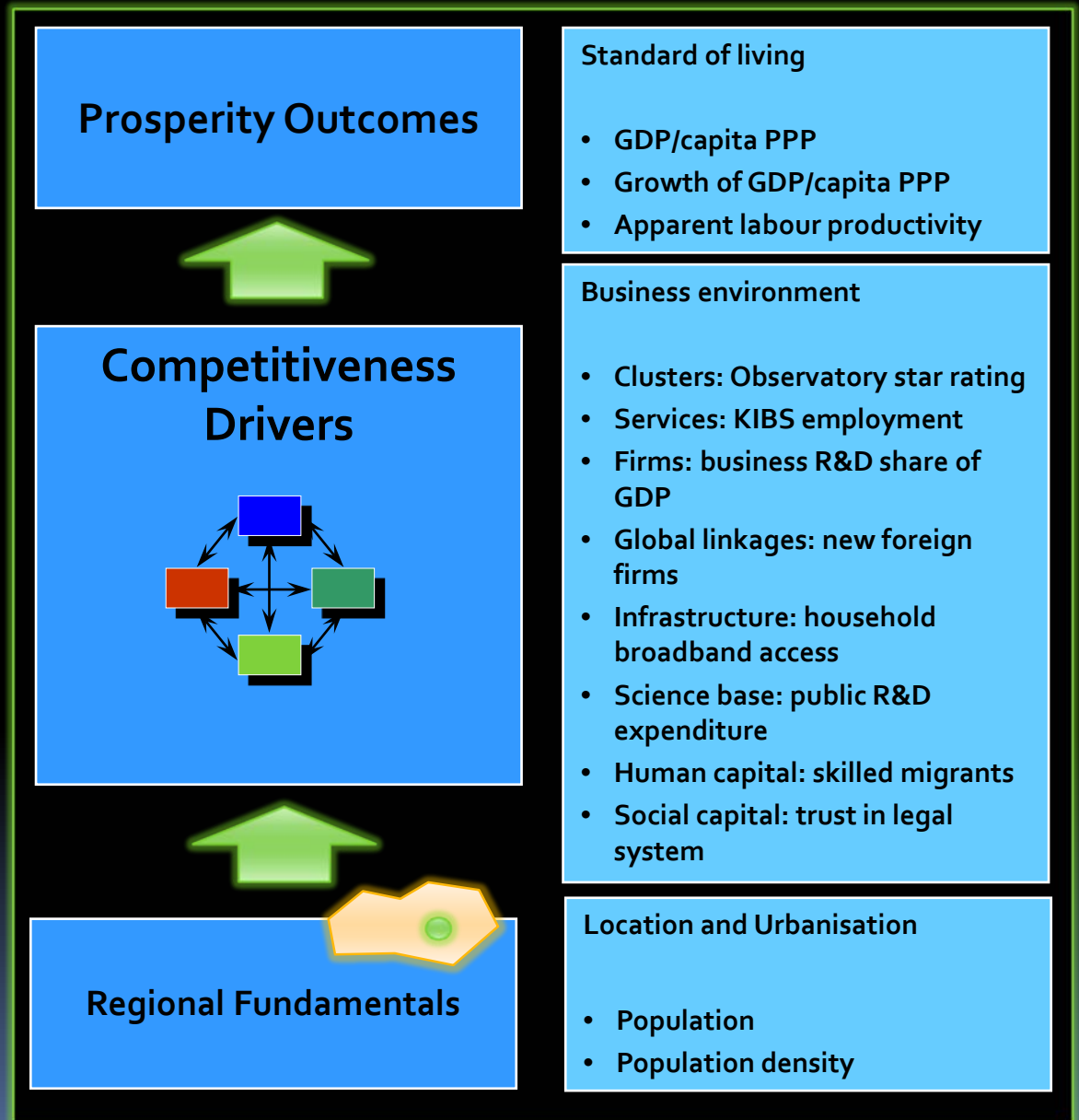
| Cluster                    | Largest city in region | BSR<br>CC Rank | Europe<br>CC Rank | Transatl.<br>CC Rank |
|----------------------------|------------------------|----------------|-------------------|----------------------|
| Oslo og Akershus, Norway   | Oslo                   | 1              | 1                 | 6                    |
| Stockholm, Sweden          | Stockholm              | 2              | 2                 | 11                   |
| Hovedstaden, Denmark       | Copenhagen             | 3              | 6                 | 23                   |
| Etelä-Suomi/Åland, Finland | Helsinki               | 4              | 7                 | 25                   |
| Pohjois-Suomi, Finland     | Oulu                   | 5              | 8                 | 26                   |
| Västsverige, Sweden        | Göteborg               | 6              | 16                | 46                   |
| Trøndelag, Norway          | Trondheim              | 7              | 17                | 47                   |
| Länsi-Suomi, Finland       | Turku                  | 8              | 18                | 49                   |

# Many world leading clusters in Maritime!

**Table 20. Maritime Cluster Competitiveness Ranking (CC)**

| Cluster                         | Largest city in region | BSR<br>CC Rank | Europe<br>CC Rank | Transatl.<br>CC Rank |
|---------------------------------|------------------------|----------------|-------------------|----------------------|
| Vestlandet, Norway              | Bergen                 | 1              | 1                 | 1                    |
| Nord-Norge, Norway              | Tromsø                 | 2              | 2                 | 2                    |
| Agder og Rogaland, Norway       | Kristiansand           | 3              | 3                 | 3                    |
| Ísland, Iceland                 | Reykjavik              | 4              | 4                 | 5                    |
| Trøndelag, Norway               | Trondheim              | 5              | 6                 | 8                    |
| Sør-Østlandet, Norway           | Skien                  | 6              | 9                 | 12                   |
| Hamburg, Germany                | Hamburg                | 7              | 11                | 14                   |
| Hovedstaden, Denmark            | Copenhagen             | 8              | 12                | 15                   |
| Nordjylland, Denmark            | Aalborg                | 9              | 13                | 16                   |
| Västsverige, Sweden             | Göteborg               | 10             | 15                | 21                   |
| Oslo og Akershus, Norway        | Oslo                   | 11             | 16                | 24                   |
| Etelä-Suomi/Åland, Finland      | Helsinki               | 12             | 20                | 30                   |
| Murmanskaya oblast', Russia     | Murmansk               | 13             | 24                | 35                   |
| Schleswig-Holstein, Germany     | Kiel                   | 14             | 29                | 40                   |
| Syddanmark, Denmark             | Odense                 | 15             | 30                | 41                   |
| Pomorskie, Poland               | Gdansk                 | 16             | 33                | 45                   |
| Länsi-Suomi, Finland            | Turku                  | 17             | 40                | 54                   |
| Mecklenburg-Vorpommern, Germany | Rostock                | 18             | 45                | 62                   |
| Stockholm, Sweden               | Stockholm              | 19             | 46                | 63                   |
| Mellersta Norrland, Sweden      | Sundsvall              | 20             | 48                | 65                   |

# Regional Framework Conditions



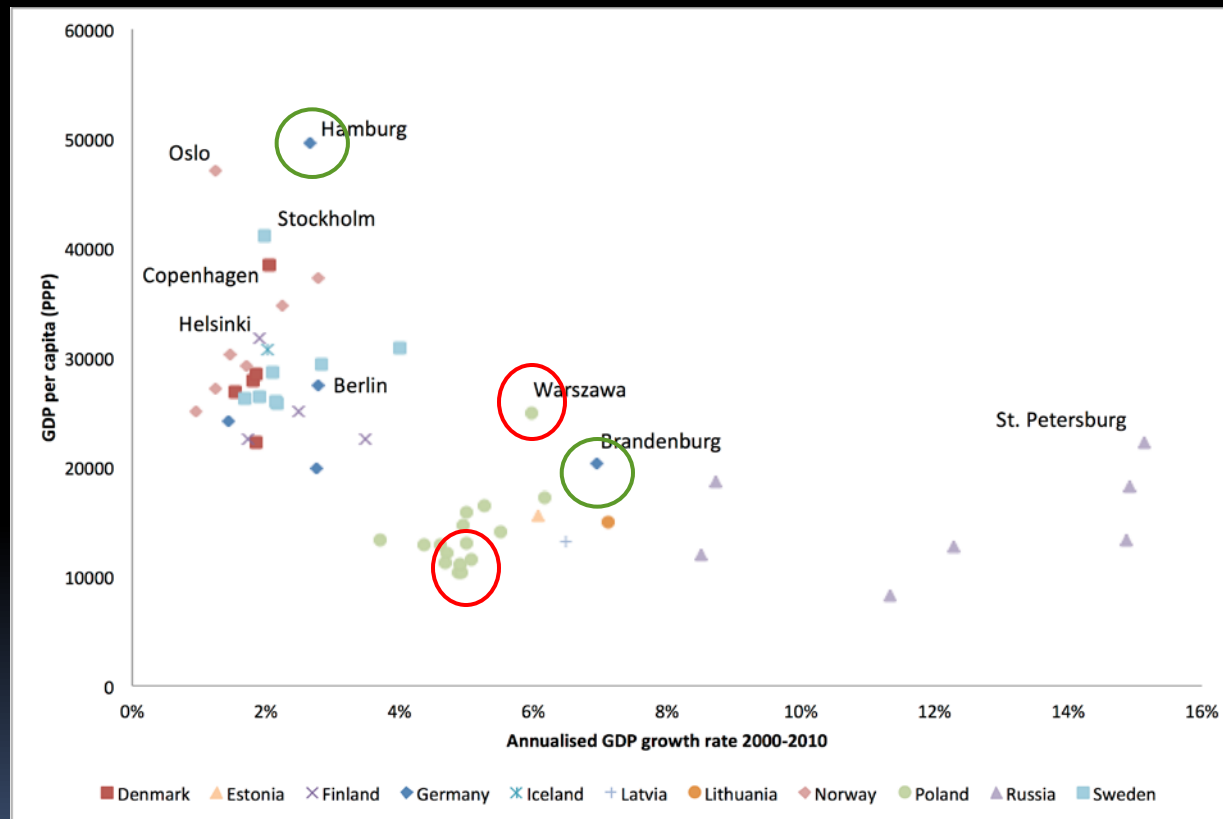
# Regional Smart Specialisation

## Sydsverige (Malmö), Sweden

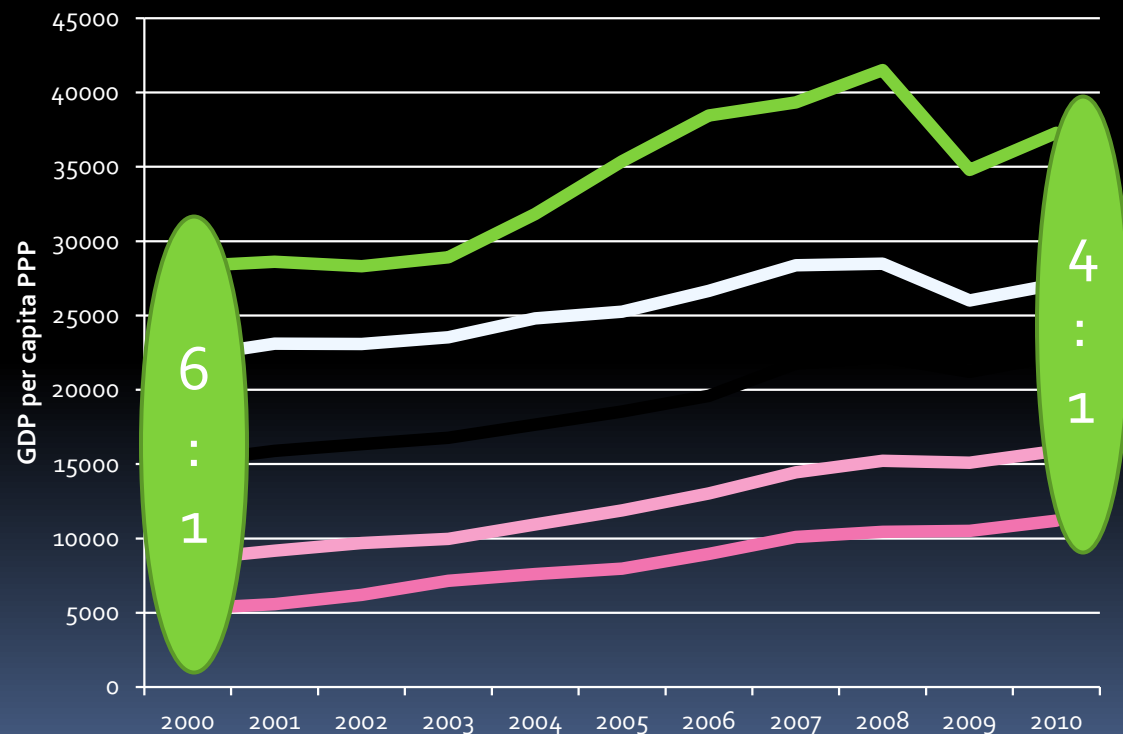
### Regional Smart Specialisation

| <i>Industry</i>                                           | <i>Rank/Europe</i> | <i>Specialization</i> | <i>Employees</i> |
|-----------------------------------------------------------|--------------------|-----------------------|------------------|
| 1 Publishing of computer games                            | 3                  | 12.38                 | 181              |
| 2 Manufacture of condiments and seasonings                | 6                  | 8.81                  | 820              |
| 3 Manufacture of non-domestic cooling and ventilation     | 7                  | 6.45                  | 2,630            |
| 4 Manufacture of glass fibres                             | 8                  | 11.80                 | 677              |
| 5 Other software publishing                               | 8                  | 4.37                  | 1,056            |
| 6 Manufacture of medical and dental instruments and       | 11                 | 3.71                  | 2,868            |
| 7 Media representation                                    | 11                 | 3.20                  | 592              |
| 8 Computer programming activities                         | 11                 | 2.95                  | 5,039            |
| 9 Manufacture of pulp                                     | 12                 | 8.20                  | 443              |
| 10 Other research and experimental development on natural | 13                 | 2.70                  | 4,885            |

# Regions within nations differ a lot!



# BSR regional convergence!



# Policy

Smart specialisation = build on strengths and use structural funds in a better way!

So what are our strengths?

Mapping of clusters and regional strengths/weaknesses!



Fact based policy to improve competitiveness drivers

