

Chemical Clusters in Europe – A Comparison

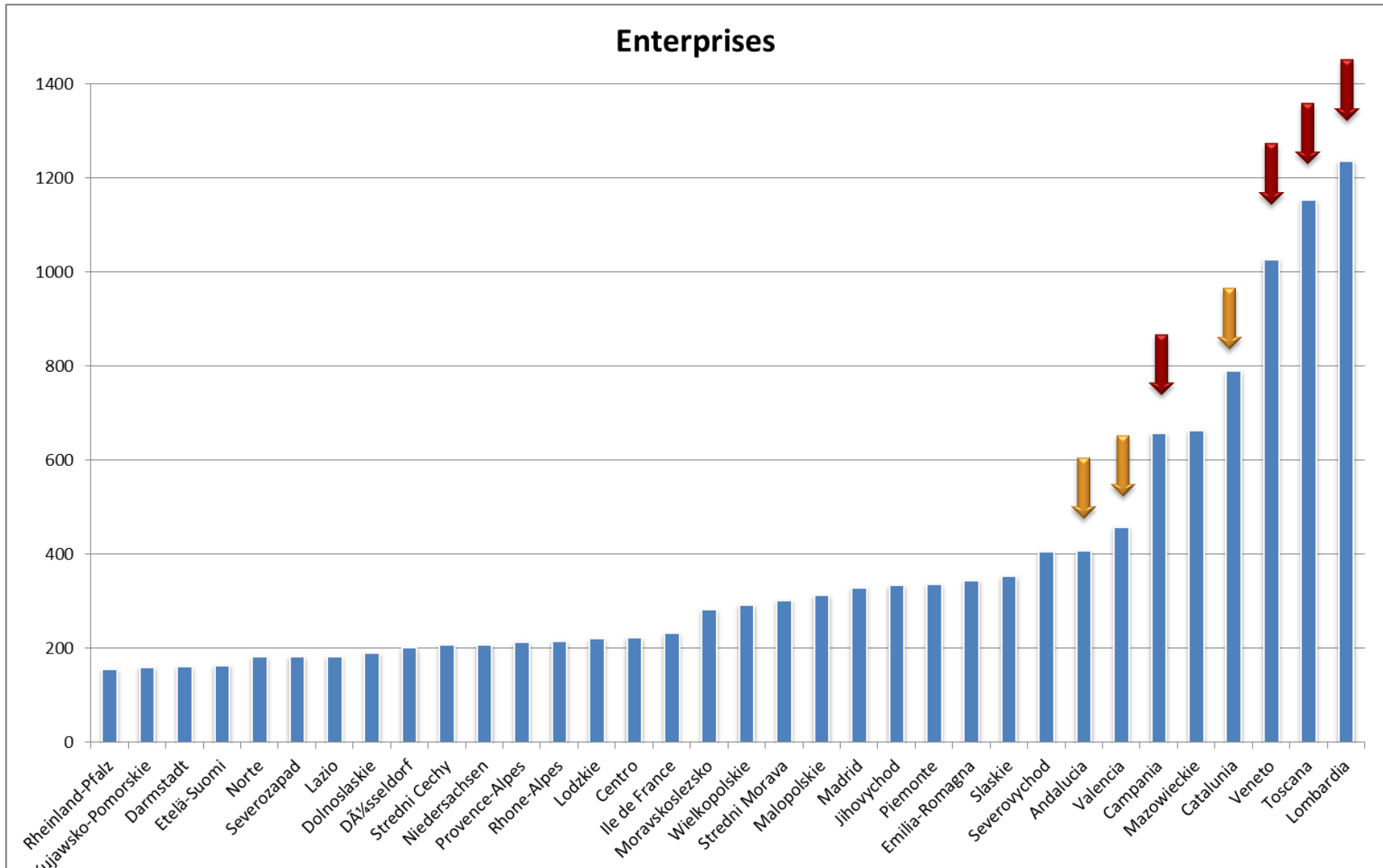
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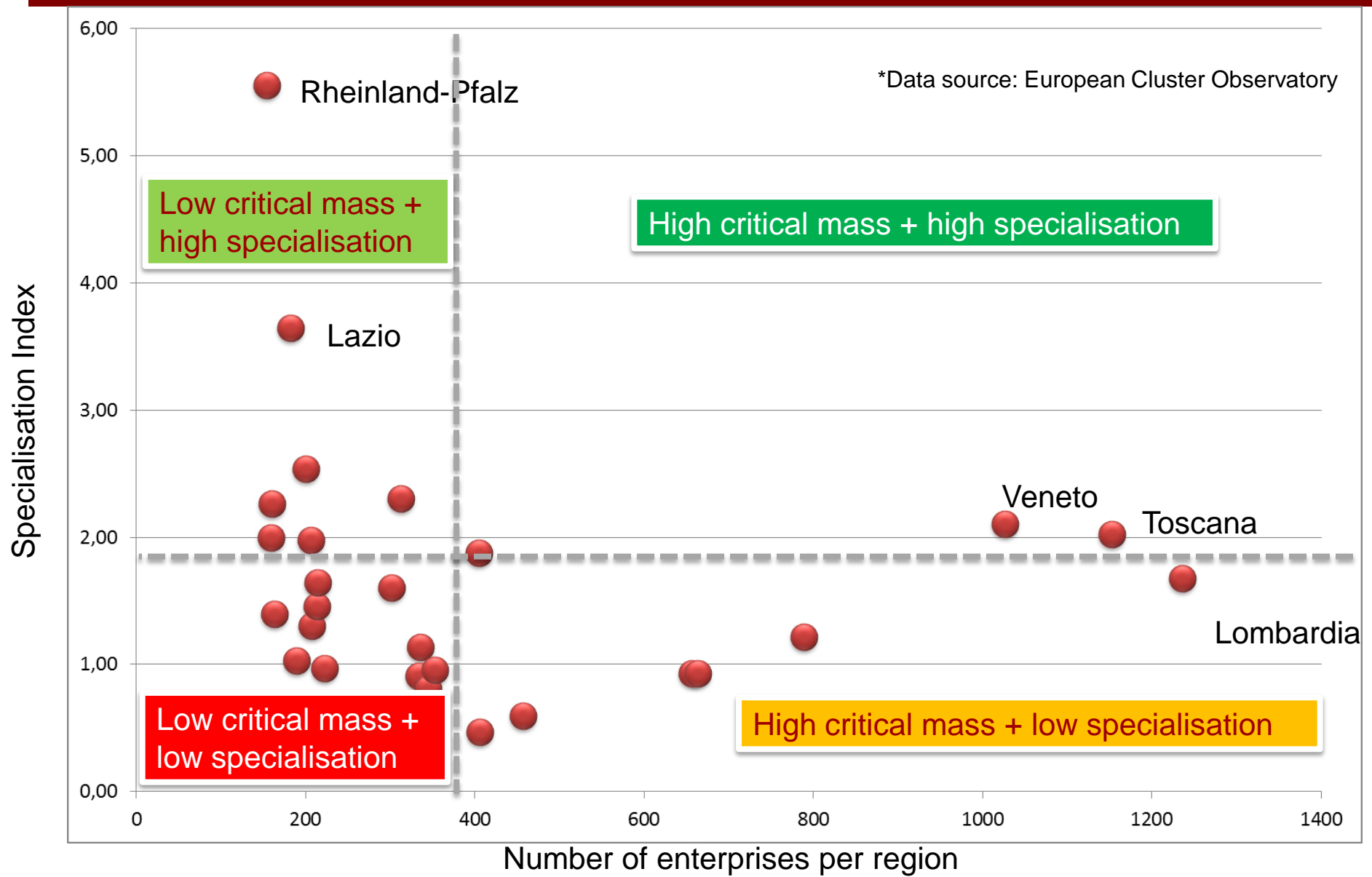
Brussels, February 27, 2014

Main Industrial Agglomerations in Chemical Industry

Enterprises



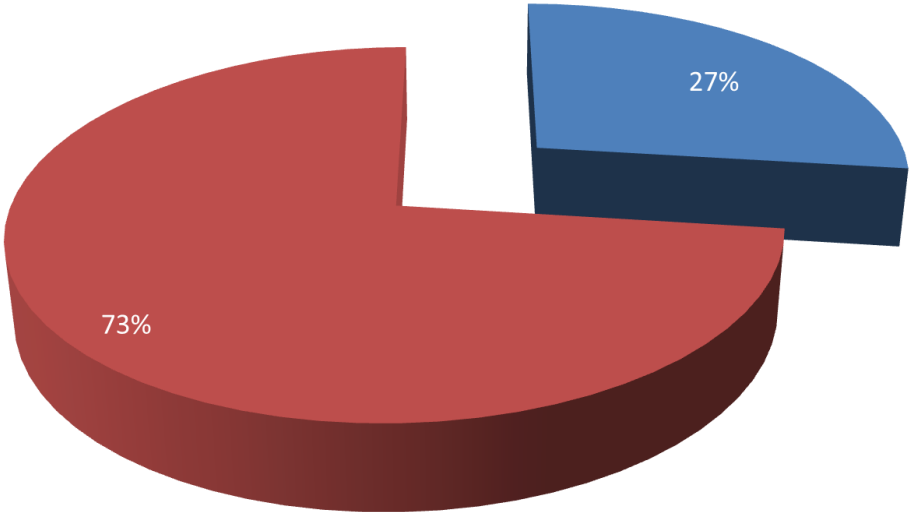
Size of Cluster vs. Specialisation*



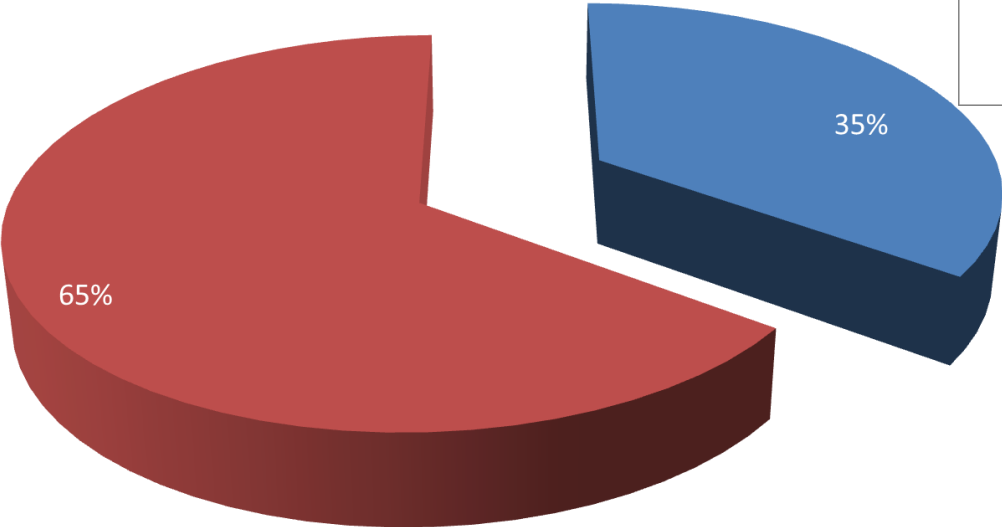
Share of Professional Cluster Managements

Total vs. Chemical Sector

■ Professional clusters
managements ■ Cluster managements total

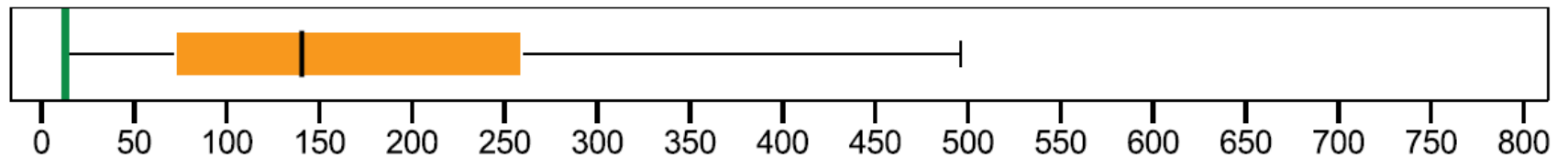


■ Professional clusters
management chemical sector ■ Cluster managements
chemical sector

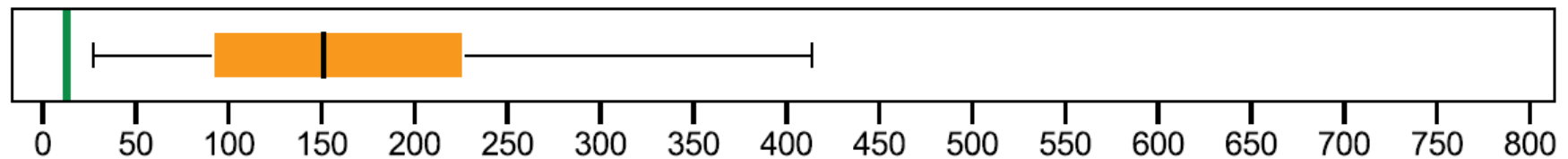


Chemical Cluster are of Similar Size as European Peers

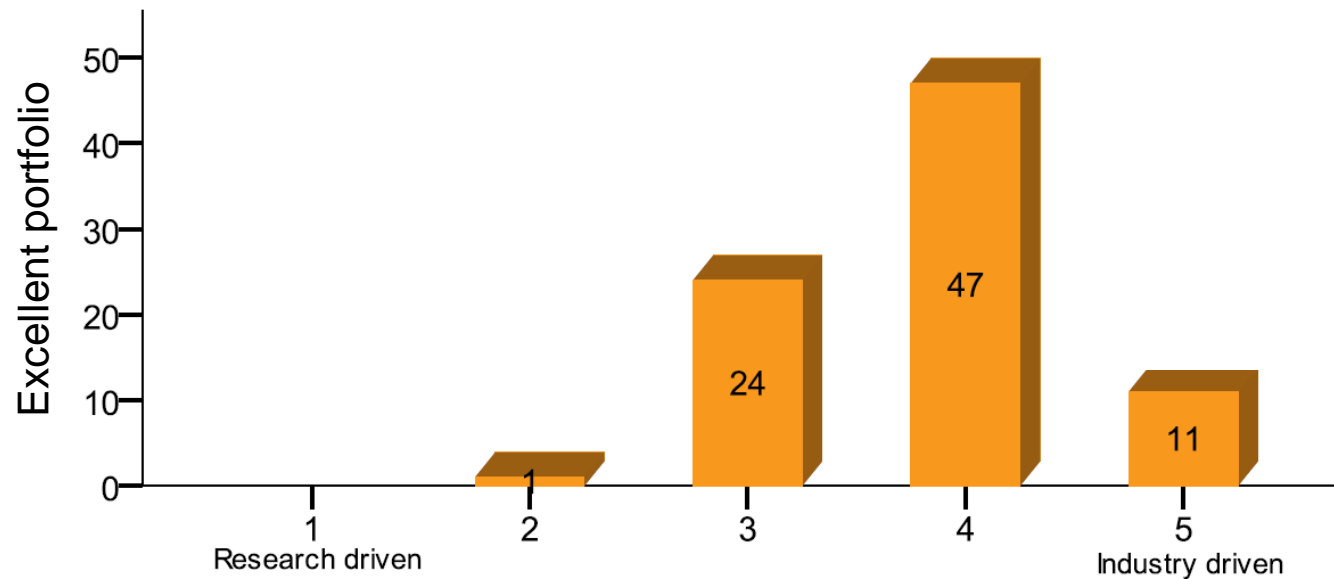
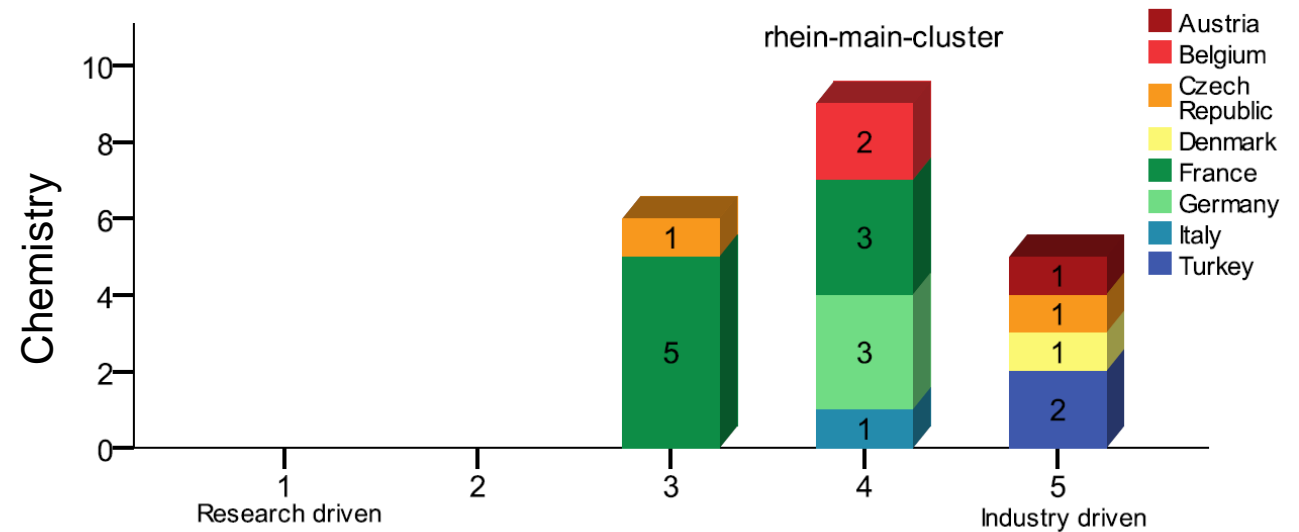
Chemistry



Total

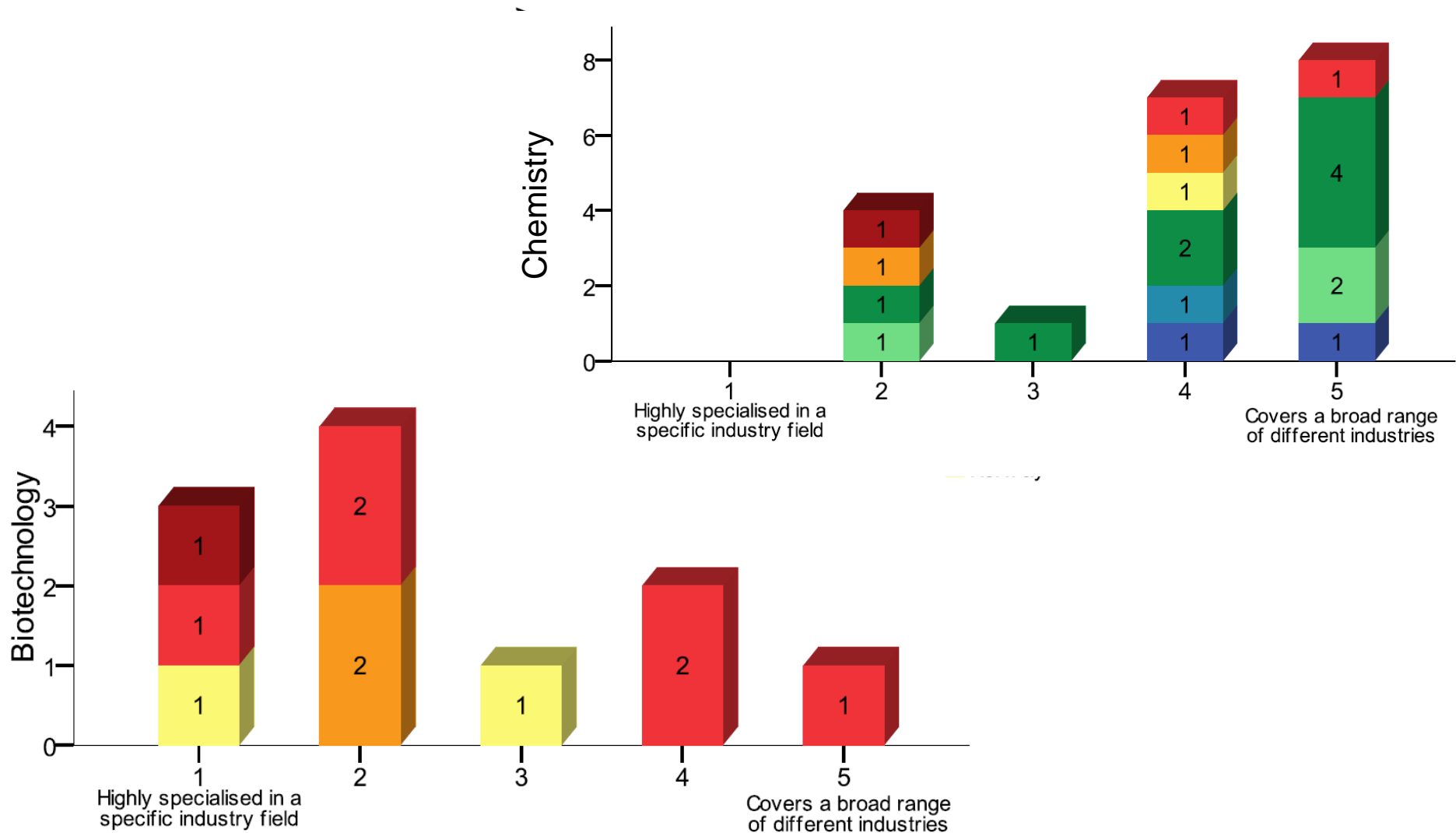


Industrial Driven vs. R&D Driven

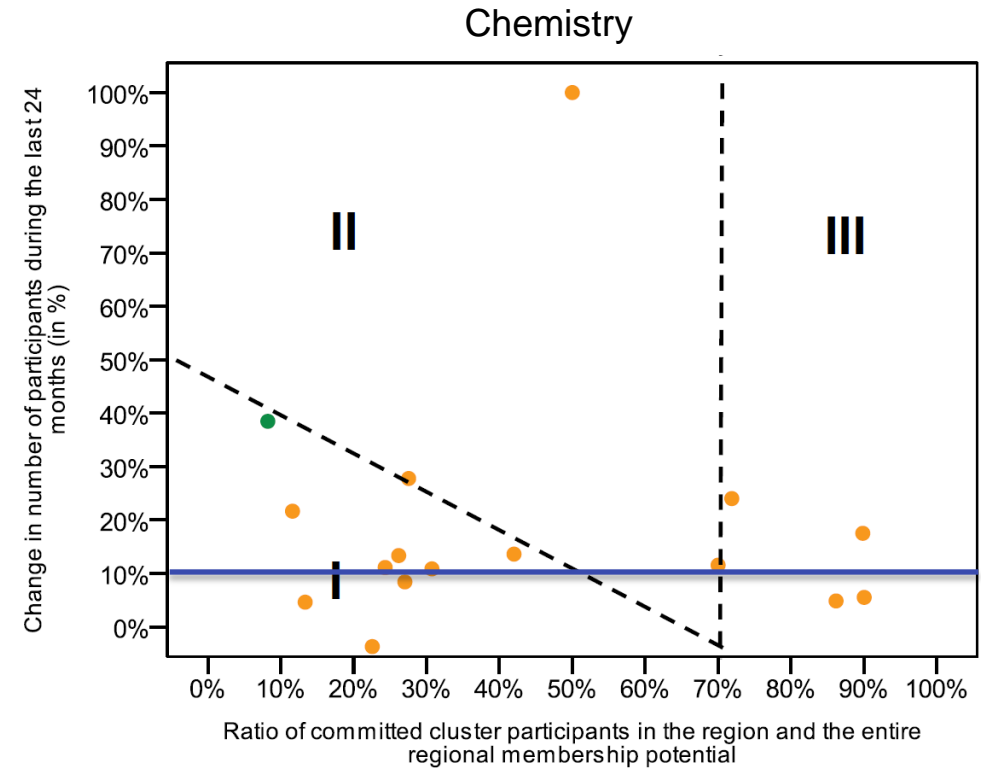
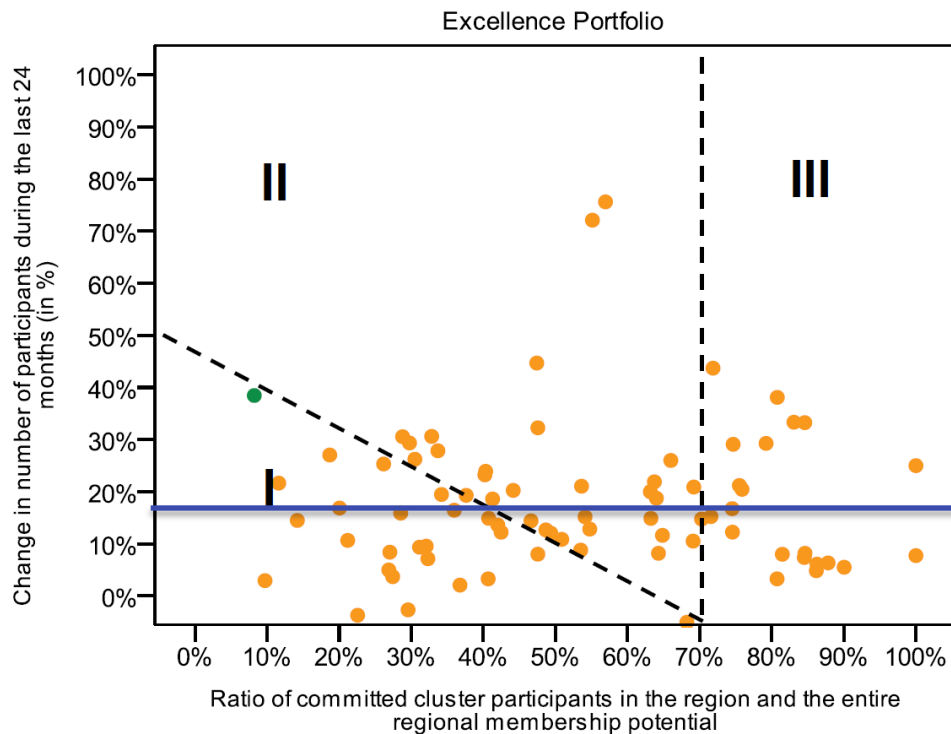


Biotech vs. Chemical Clusters

Specialisation vs. Broad Coverage



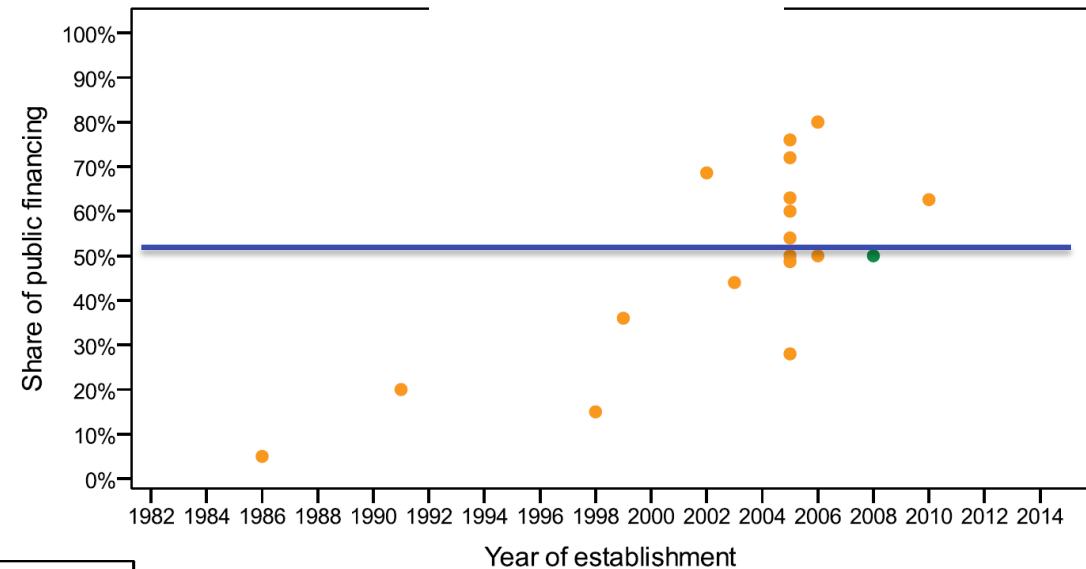
Critical Mass and Membership Growth



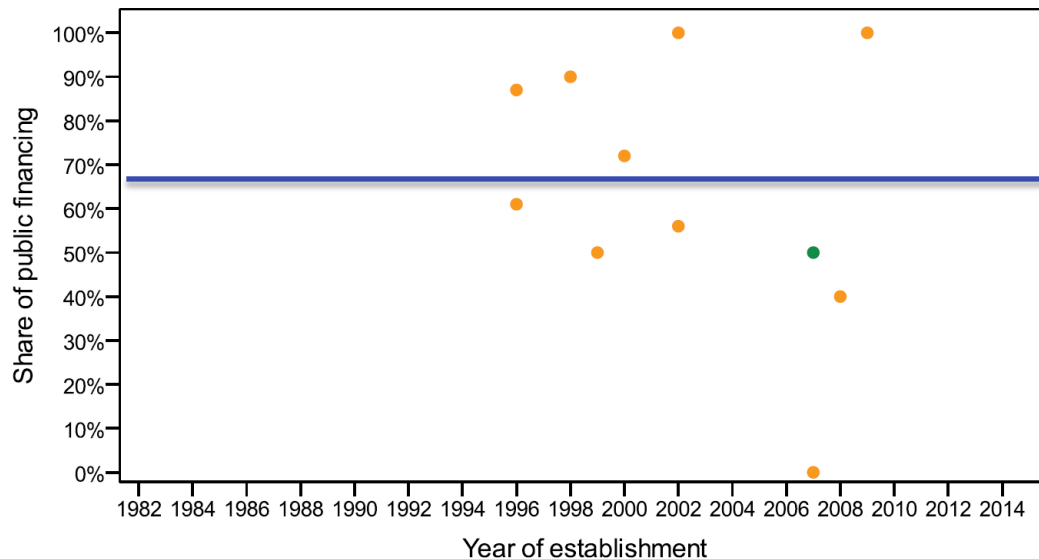
Biotech vs. Chemical Clusters

Share of Public Funding Rate of Cluster Organisations

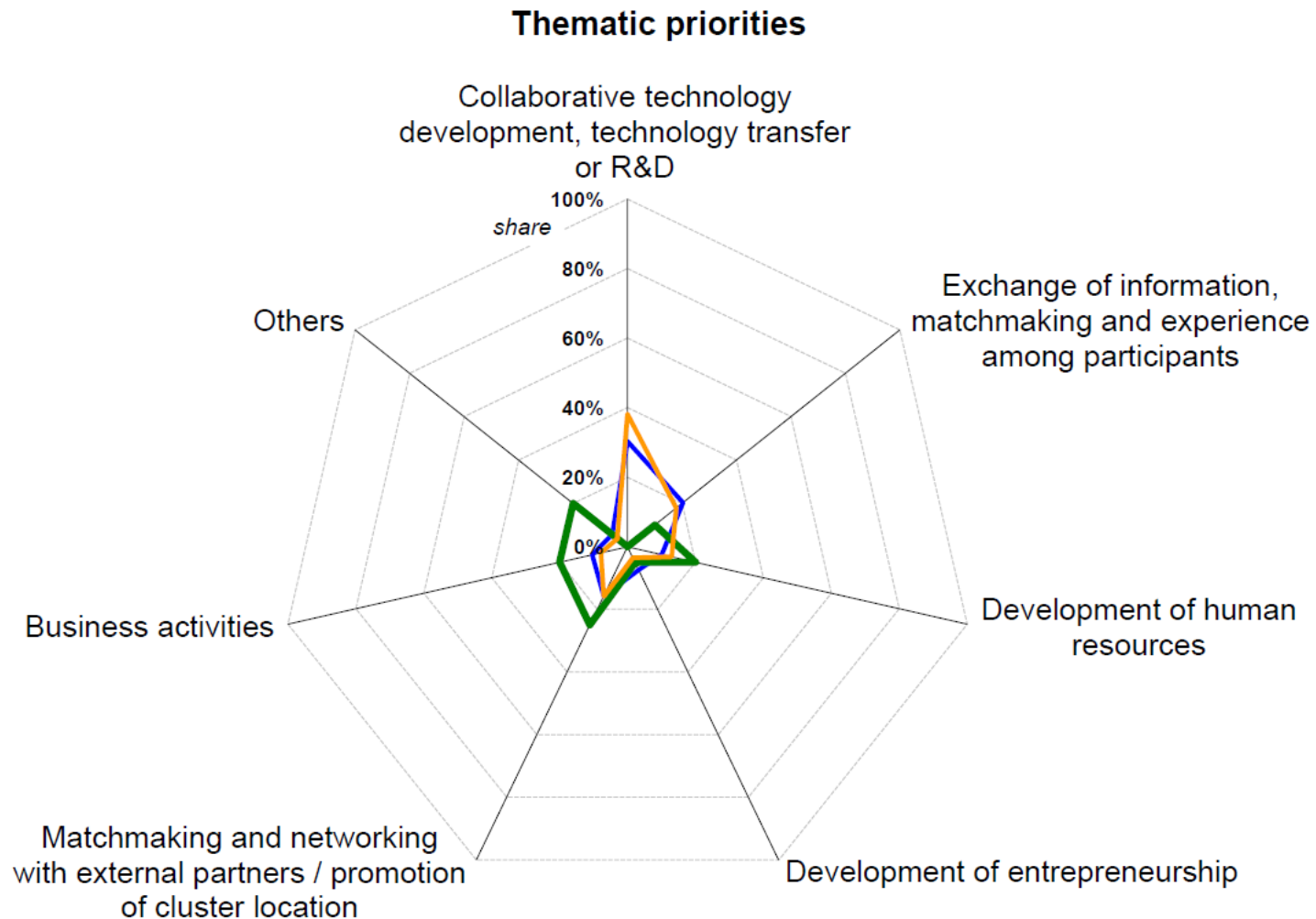
Chemistry



Biotechnology



Thematic Priorities of Services Offered by Clustermanagements



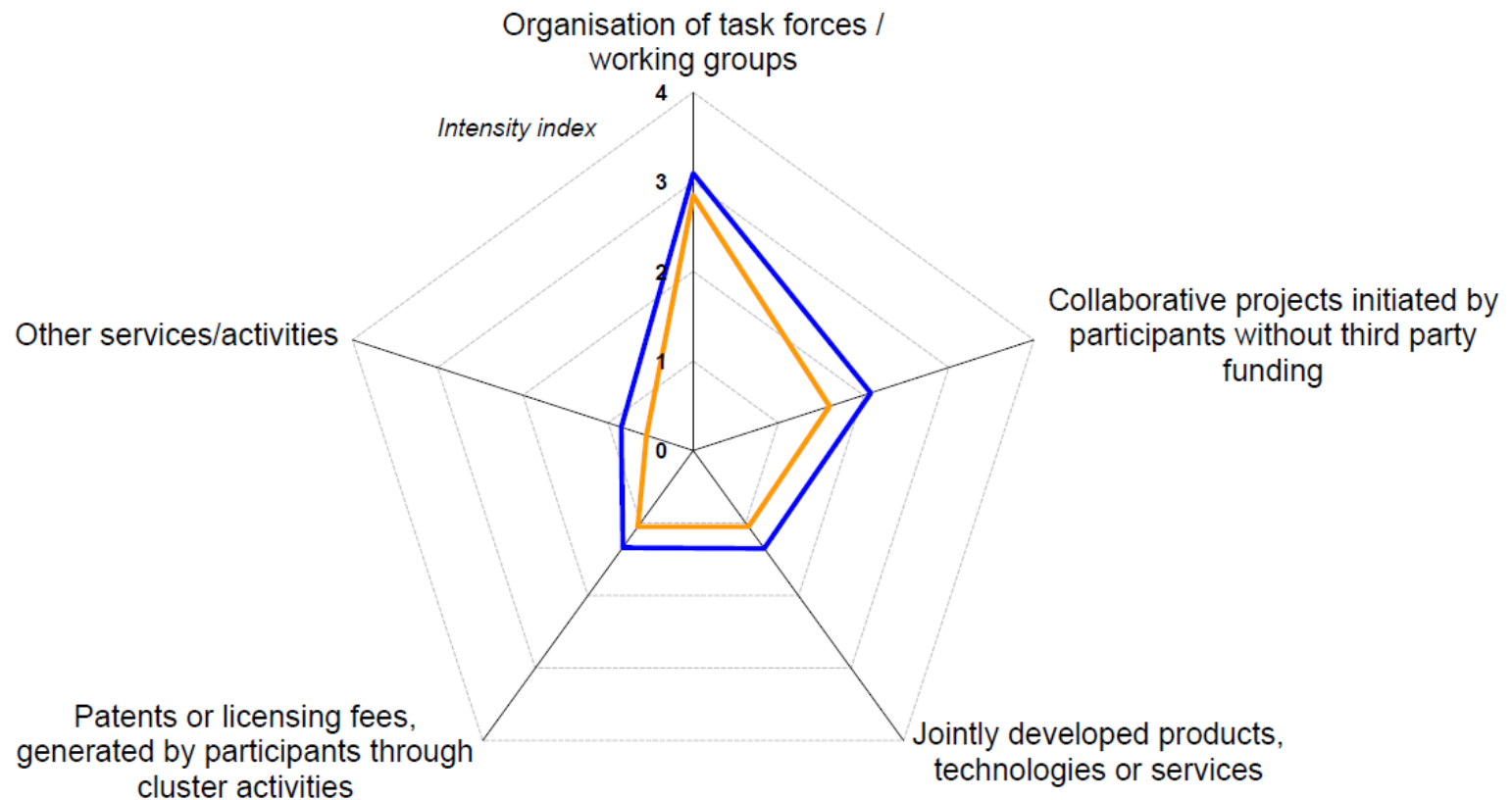
— Excellence Portfolio

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— Chemistry

Business Support Services Offered by Cluster-managements in the Field of Technology and Product Development

Collaborative technology development or technology transfer or R&D



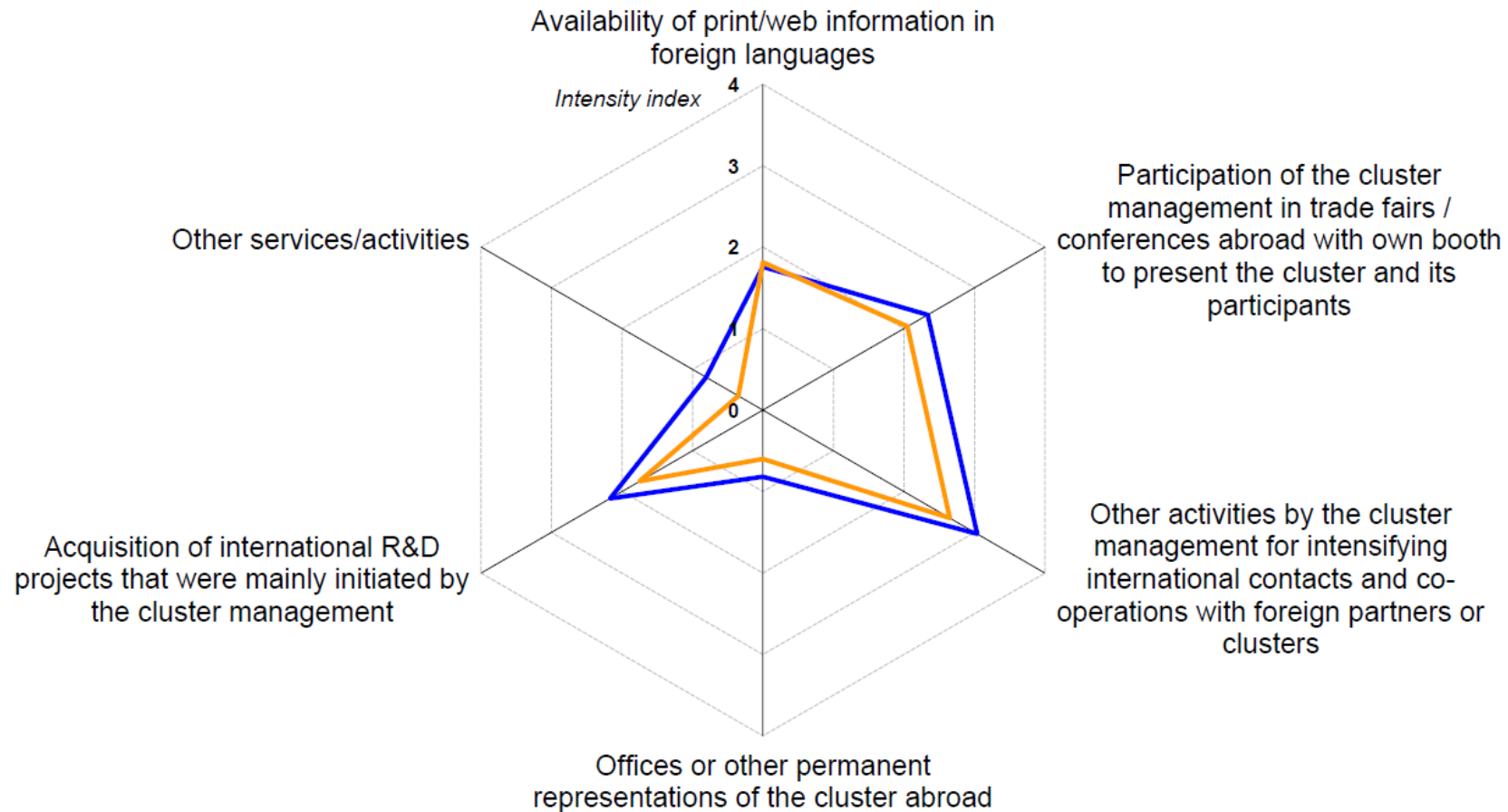
— Excellence Portfolio



— Chemistry

Business Support Services Offered by Cluster-managements in the Field of Internationalisation

Internationalisation of cluster participants



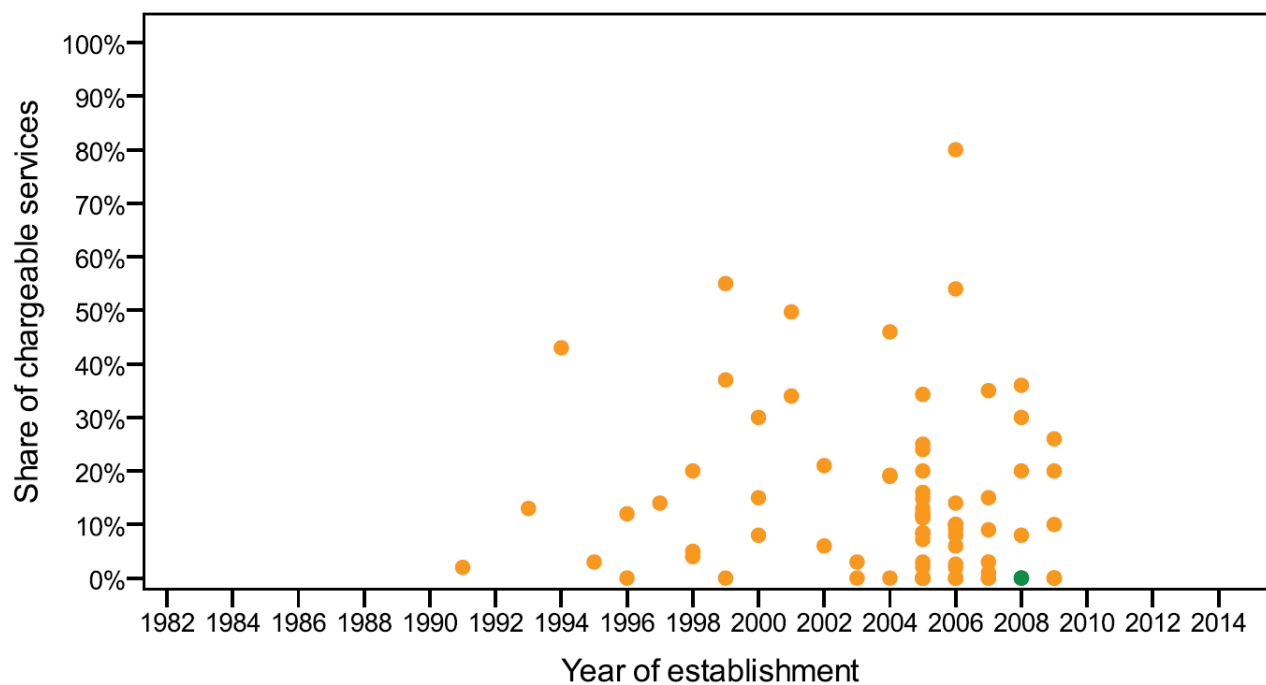
— Excellence Portfolio

— Chemistry

Summary

- There are many chemical clusters with critical mass
- Most chemical cluster initiatives cover broad sector instead of being highly specialised
- Service spectrum of cluster managements are often more standardised rather than taking specific needs of chemical industry into account
- New business support services needed to support cross-clustering, cross-innovations etc.
- More focus should be given on internationalisation

Excellence Portfolio



New materials

