













## Nordic Cluster trends and good practices

The Nordic ECEI Cluster Expert Network: Quality assessing 100+ Nordic cluster orgs since 2010.









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## Moving towards cluster led ecosystems

The Nordic Cluster story 2010-2022- as we see it



- All countries and regions have different policy stories and results
- Leading regions implements RIS3 through cluster portfolio
- National, regional and local(city) cluster policies get multilevel & integrated
- Capacity building services are getting more multilevel building capacity for clusters to lead the transition
- EU Cluster policies, platforms and programs get more important (even for Non EU-Member Norway)

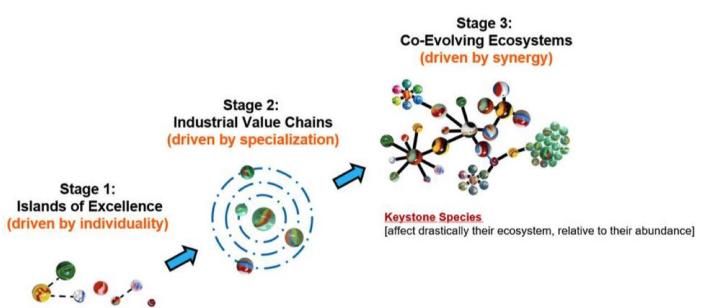






### **Nordic Cluster Trends**

-Towards co-evolving cluster lead ecosystems.



Source: prof. Athanasios G. Konstandopoulos, Presentation of the European Cluster Alliance at the meeting with the Commissioner Thierry Breton on 25 June 2020

#### **TOWARDS:**

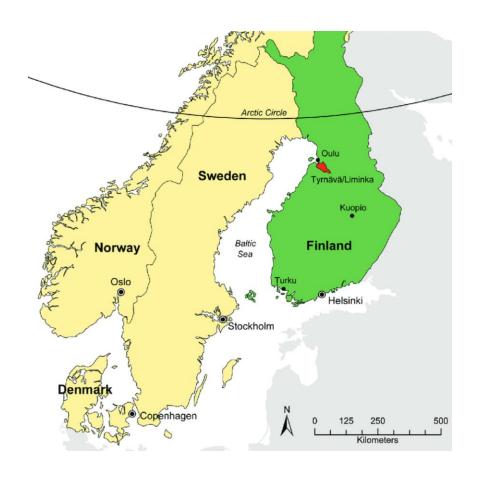
- Fewer & stronger clusters capable of internationalization.
- Cluster portfolio management:
  - not individual clusters national & regional cluster portfolio
  - Fact based cluster and RIS capacity
     building more common. (Based on ECEI)
- Increased importance of high quality payable member services (Bottom Up)







## Good Nordic practices observed



- Integrated national/regional cluster policies and support service schemes:
  - Denmark: from 50+ regional clusters to 12 superclusters in national strongholds - a multilevel cluster policy success story
  - Norway: Cluster Hub- Spoke policy testing
  - Sweden:-S3-pilot: integrating regional and national cluster policy &
     capacity building services and actively tapping ECEI cluster quality data
- Making cluster quality labelling mandatory at regional and national portfolio level
- Getting closer to members- Digitizing member support services
- Active marketing of clusters and the cluster portfolio









# CASE: Nordic cluster lead ecosystem development in batteries.

Nordic battery value chain clusters and



**EBA250** 

- Built on challenge driven transformation need
- Stong national & regional clusters along the battery value chain involved:
  - Energy, mining, recycling, process industry, battery tech
- Regions with the most mature and agile cluster orgs take the lead
- Speed is incredible, especially in regions with mature clusters and high ecosystem level of trust.
- Cross sector collaboration is the rule, policymakers understands how to use their regionalcluster portfolio











Thank You!

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