

"DEVELOPMENT OF SEA BUCKTHORN AND OTHER HORTICULTURAL MARKETS IN THE ASIA REGION"

AsiaBerry-2024

Sea buckthorn industry upgrading through entrepreneurship and innovation

Nasanjargal Darjaa

PhD Candidate, MULS

Prof. Tsevelmaa Khyargas

Academic supervisor

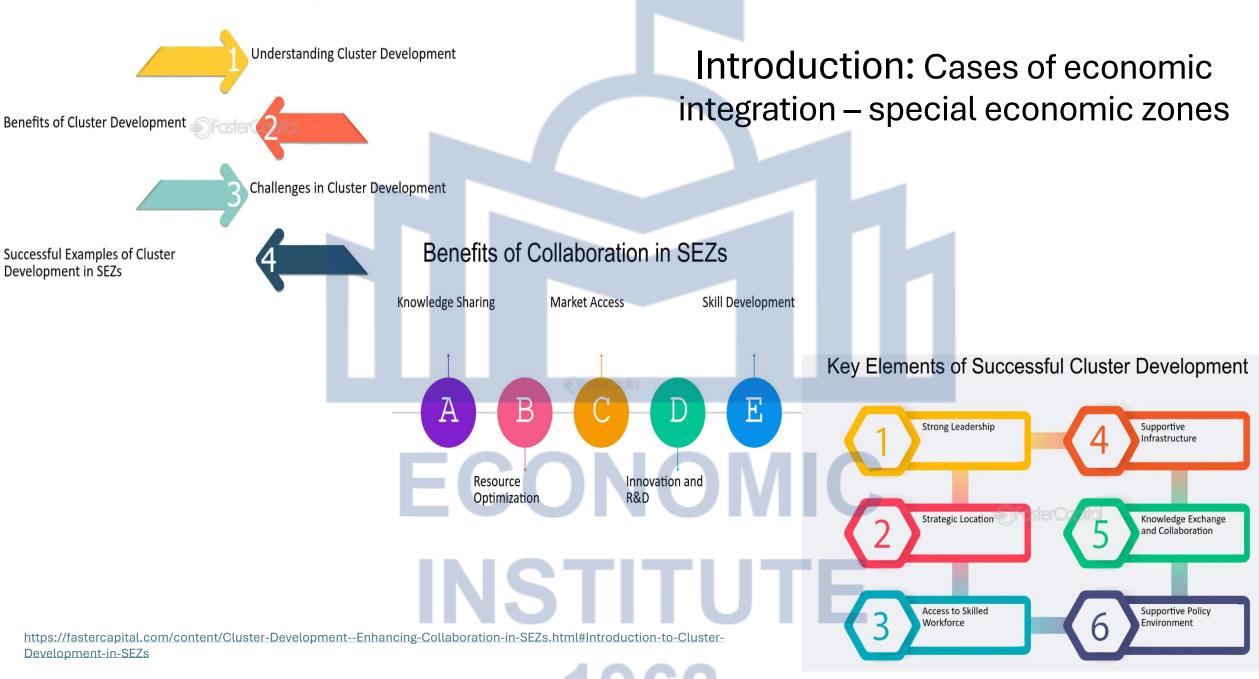
National University of Mongolia

Contents

- Introduction and Motivation
- Research question
- Analytical framework
- Findings and discussions
- Conclusions
- References

ECONOMIC INSTITUTE

Introduction to Cluster Development in SEZs



Motivation

International best practice: integrated data on European Cluster Collaboration Platform



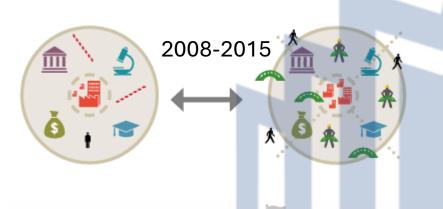
	Tota	al EX27	Non-EU C countr	
Cluster Organizations	139	1091	84	213
Cluster Members	728	399	21	8
European Cluster Partnerships	270	6 203	3	9
Cluster Networks	46	34	0	1
National cluster associations	22	2 19	2	1
Policy Institutions	19	17	1	1
Resource Providers	130	6 129	3	1
Training organizations	25	5 22	3	0

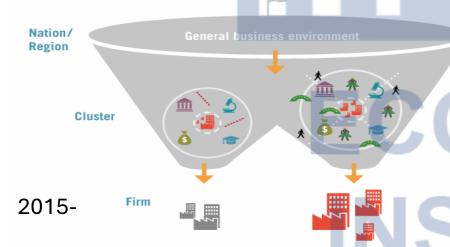
Source: https://www.clustercollaboration.eu/



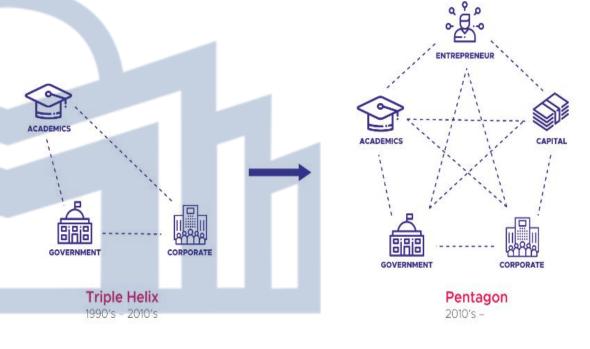
Motivation

Cluster Paradigm





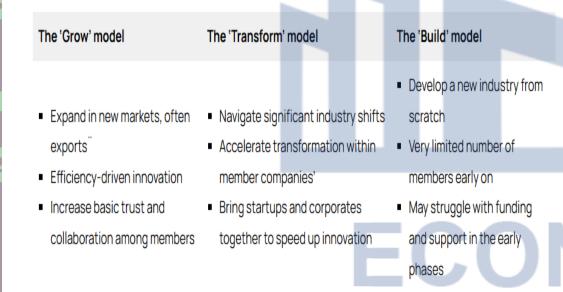
Cluster Paradigm Shift



https://www.strategytools.io/five-pillars-of-innovation-superclusters/

Research

question



Why we need the next shift of the sea buckthorn cluster initiative until 2030s?



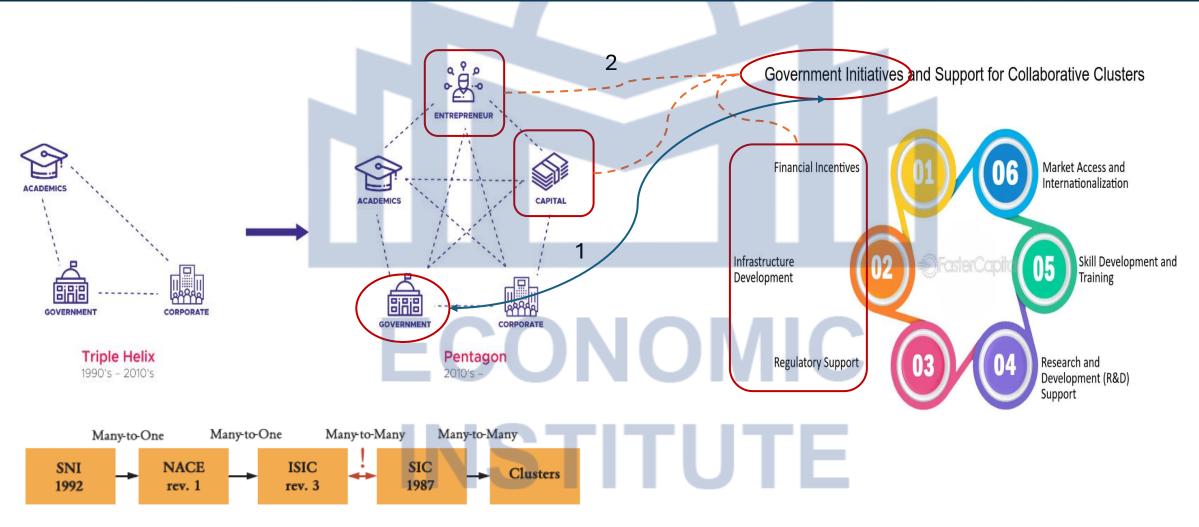
How Sea buckthorn *cluster related policy (2012-2023)* was implemented by nationwide or regionally?



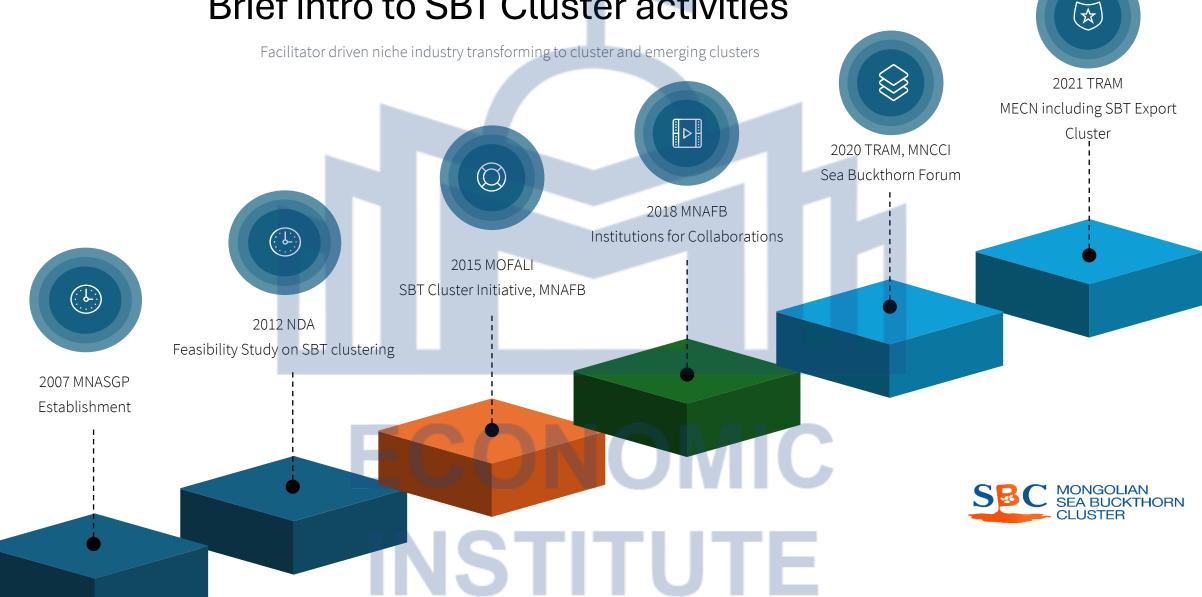
Shall we be Sea buckthorn *cluster policy (until 2030)* implemented through specific theme, for instance, entrepreneurship or innovation?

https://www.strategytools.io/rise-of-innovation-superclusters/

Analytical framework



Brief intro to SBT Cluster activities







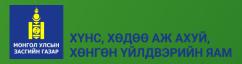




















































Findings and discussions

- Re-assessment of sea buckthorn industry direct, indirect, and inducement impacts: IO table, LQ techniques etc.
- A permanent platform that discusses cluster policy or cluster-related policy for sea buckthorn cluster initiatives, and shift to strategic choice on sea buckthorn cluster policy based on entrepreneurship or innovation
- The opportunity to develop specific theme: for instance, techjobs, tech-scale-ups as an entrepreneurs

- Designing the new SCI strategy until 2030 from Triple helix to Pentagon model as growing sea buckthorn cluster
- Joint Expert Council with MECN
- Create cluster network with other related industries
- Depth study on policy institutions and resource providers
- Training on cluster managers and coaches
- Data hub or data center for the newly emerging clusters

Conclusions

- The cluster paradigm shift opens the opportunity to review the strategy of the Mongolian Sea buckthorn cluster initiative (SCI). Shift from a triple helix to Pentagon cooperation platform could be possible to discuss the new strategy of the SCI.
- This process requires incremental research and analysis for the SCI platform:
 - The impact of the sea buckthorn industry in Mongolia and Asian region, and its indirect and direct effects on other related industries (1), can be re-evaluated.
 - Entrepreneur or innovation study in sea buckthorn industry (2) can be conducted to develop a new value chain through the SCI.
 - Conducting research and discussing business models and cluster policy options that can be developed that are differentiated from other clusters and its competitive advantages and competitiveness, will increase the SCI importance (3).
 - Another issue to be highlighted is the tech-scale ups through SCI (4).
- There is important of Government initiative and support for collaborative clusters to emerge and grow entrepreneurs through export clusters except mining.

References

- MNAFB Archives
- <u>Mercedes Delgado</u> (delgadom@mit.edu), Michael E. Porter and Scott Stern Clusters, convergence, and economic performance <u>Research Policy</u>, 2014, vol. 43, issue 10, 1785-1799 available at http://www.sciencedirect.com/science/article/pii/S0048733314001048
- https://fastercapital.com/content/Cluster-Development--Enhancing-Collaboration-in-SEZs.html#Introduction-to-Cluster-Development-in-SEZs
- https://www.clustercollaboration.eu/
- https://www.strategytools.io/five-pillars-of-innovation-superclusters/
- https://irp-cdn.multiscreensite.com/bcb8bbe3/files/uploaded/doc_3540.pdf
- https://www.researchgate.net/publication/262673148_The_Cluster_Initiative_Greenbook
- https://www.clusternavigators.com/product/cluster-development-handbook



Contact:



Mongolian National Association of Fruits and Berries, Azmon Building 5/503
The Economic Institute of the National University of Mongolia, NUM Building 5/503



http://chatsargana.mn/ http://ei.num.edu.mn/



mongolfruits@gmail.com or info@chatsargana.mn tsevelmaa@chatsargana.mn

Thank you for your attention.

INSTITUTE