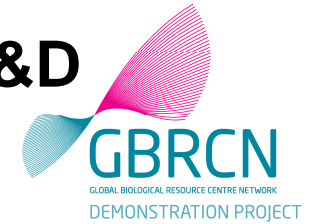


Session IV: Building blocks for the GBRCN and capacity building for BRCs

Cluster model for effectiveness and efficiency

Dunja Martin, Joint human & microbial domain GBRCN
pilot phase meeting, 29th – 30th November 2010, Vienna

GBRCN: Embedded Infrastructure for BRCs and R&D

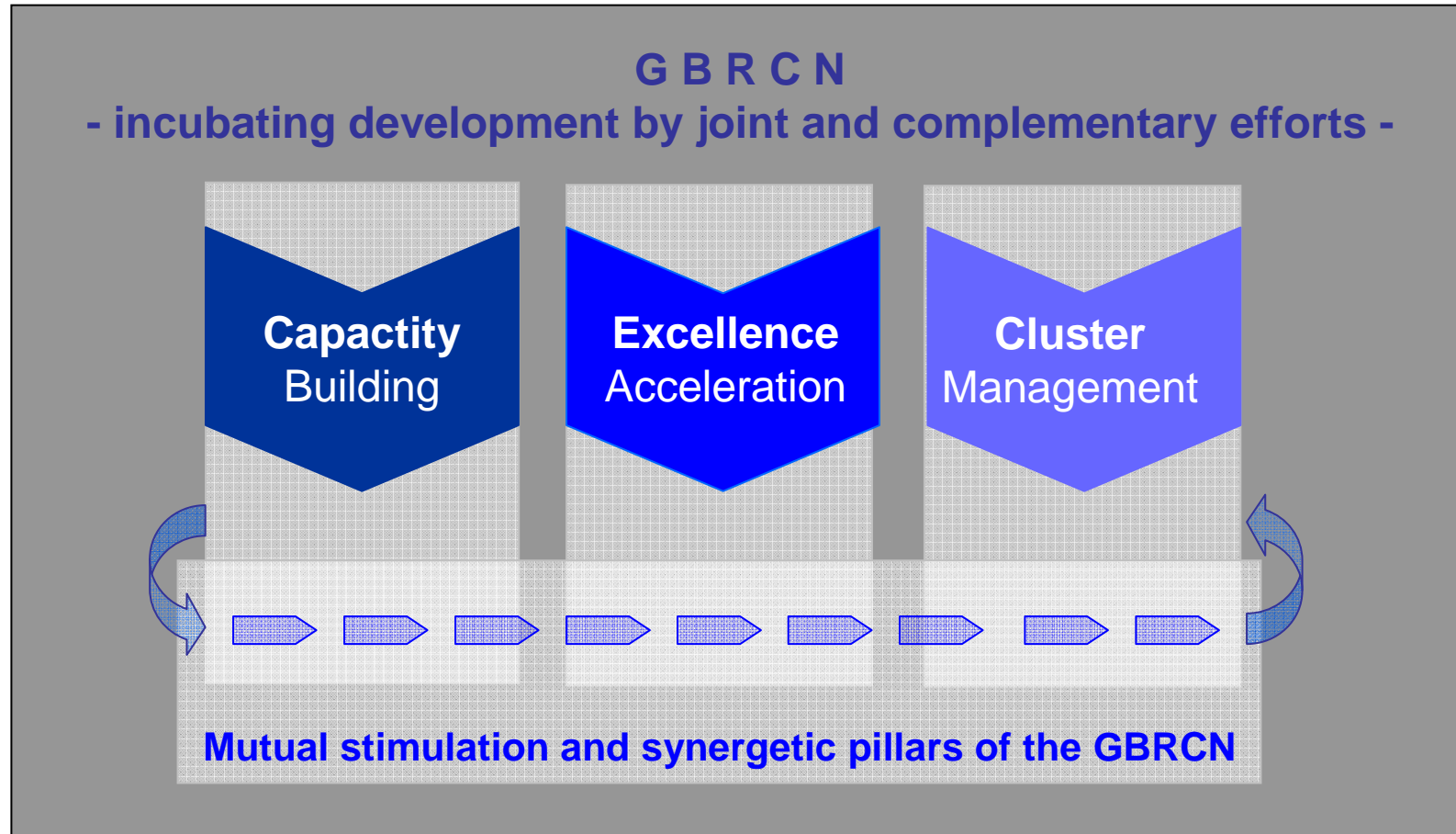


Key factors for an effective research and development in the knowledge-based bioeconomy :

- **Overcome national differences** in operational parameters between BRCs.
- **International framework** for regulatory initiatives.
- **Ensuring quality** based on international guidelines which fit to the users and are acceptable to the scientific community.
- **Coordination** with existing international frameworks.
- **Enhancing efficiency** by reducing redundancies, improving transparency and increasing material related information.
- **Linkage**
 - between scientific needs, economic expectations and governmental policies,
 - for countries lacking national BRCs,
 - to provide enhanced worldwide accessibility to information and biological material and
 - to focus on specialized core competence.

GBRCN will support this demands and offers an user and benefit driven added value for BRCs and R&D.

Scope of the GBRCN



GBRCN effects benefit through vertical and horizontal interaction.

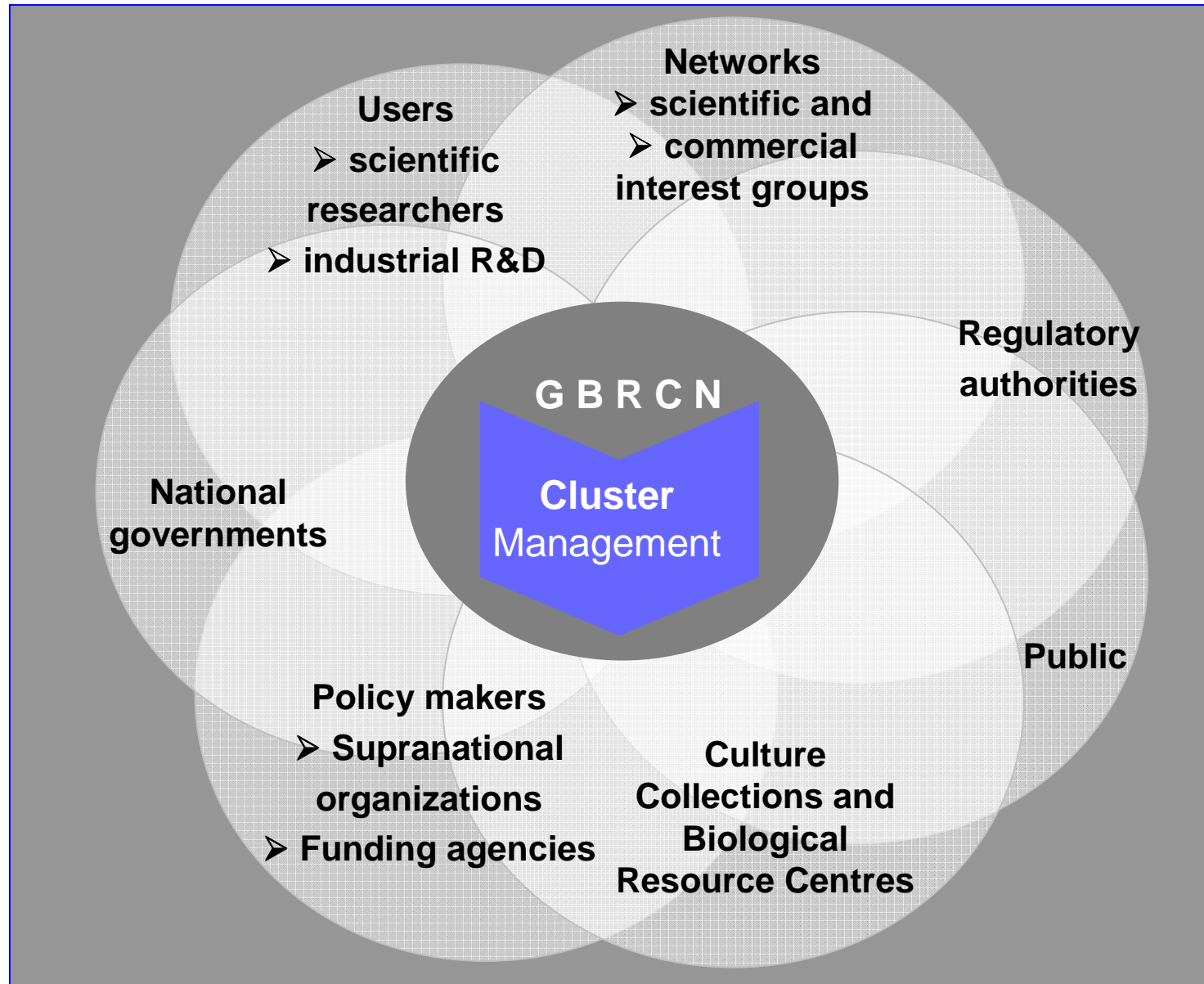
Stakeholders to Engage in Achieving the Scope

Character of present stakeholder alliances:

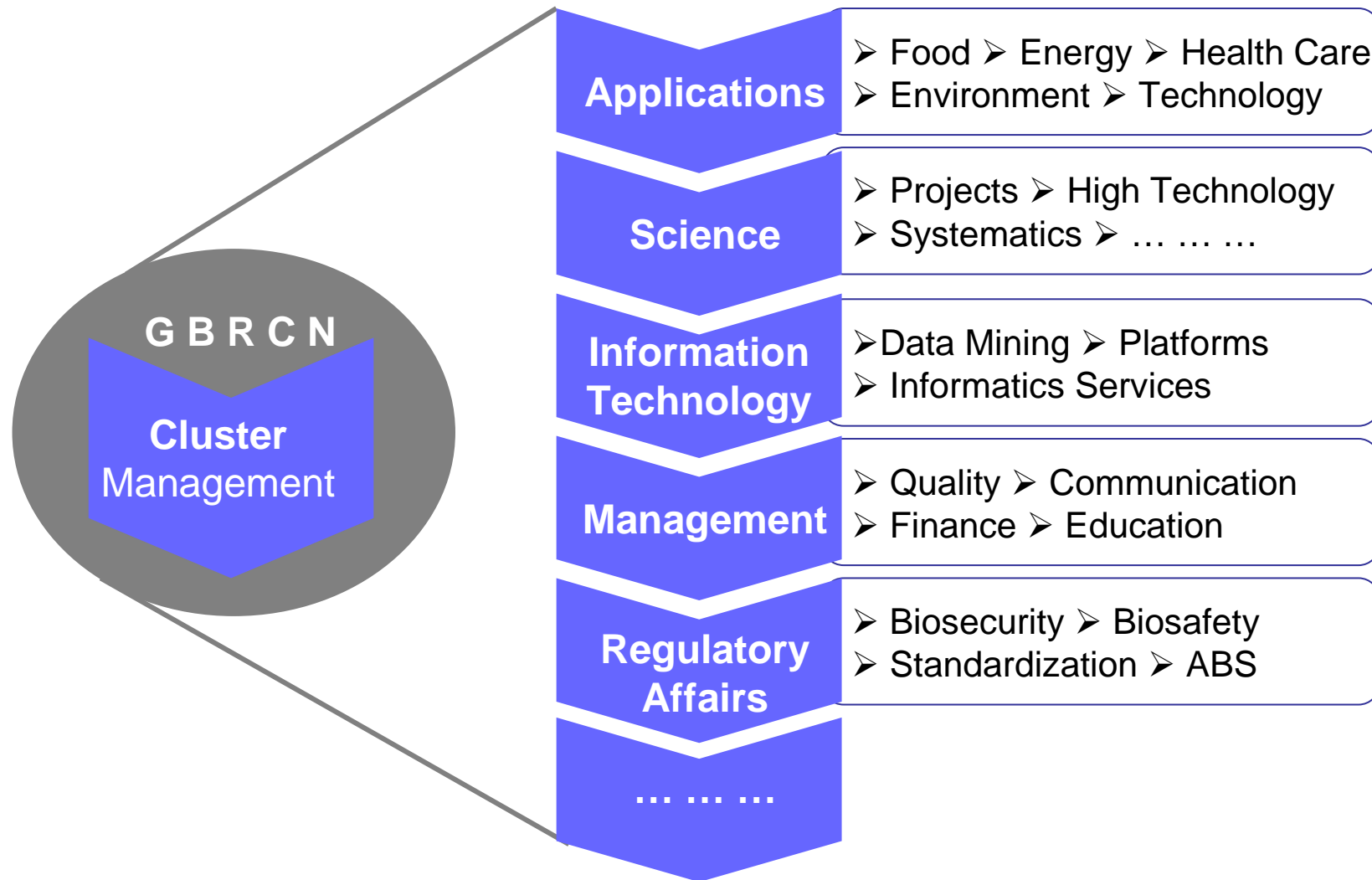
- by the majority bidirectional
 - often national / regional driven
 - high coordinative efforts by the BRC
 - duplication in time and efforts in similar alliances
 - less interfaces to other alliances
 - difficult exchange of experiences with stakeholders
- ⇒ international, coordinative and efficient linkage between stakeholders is needed to provide a framework of alliances

➤ Funding agencies

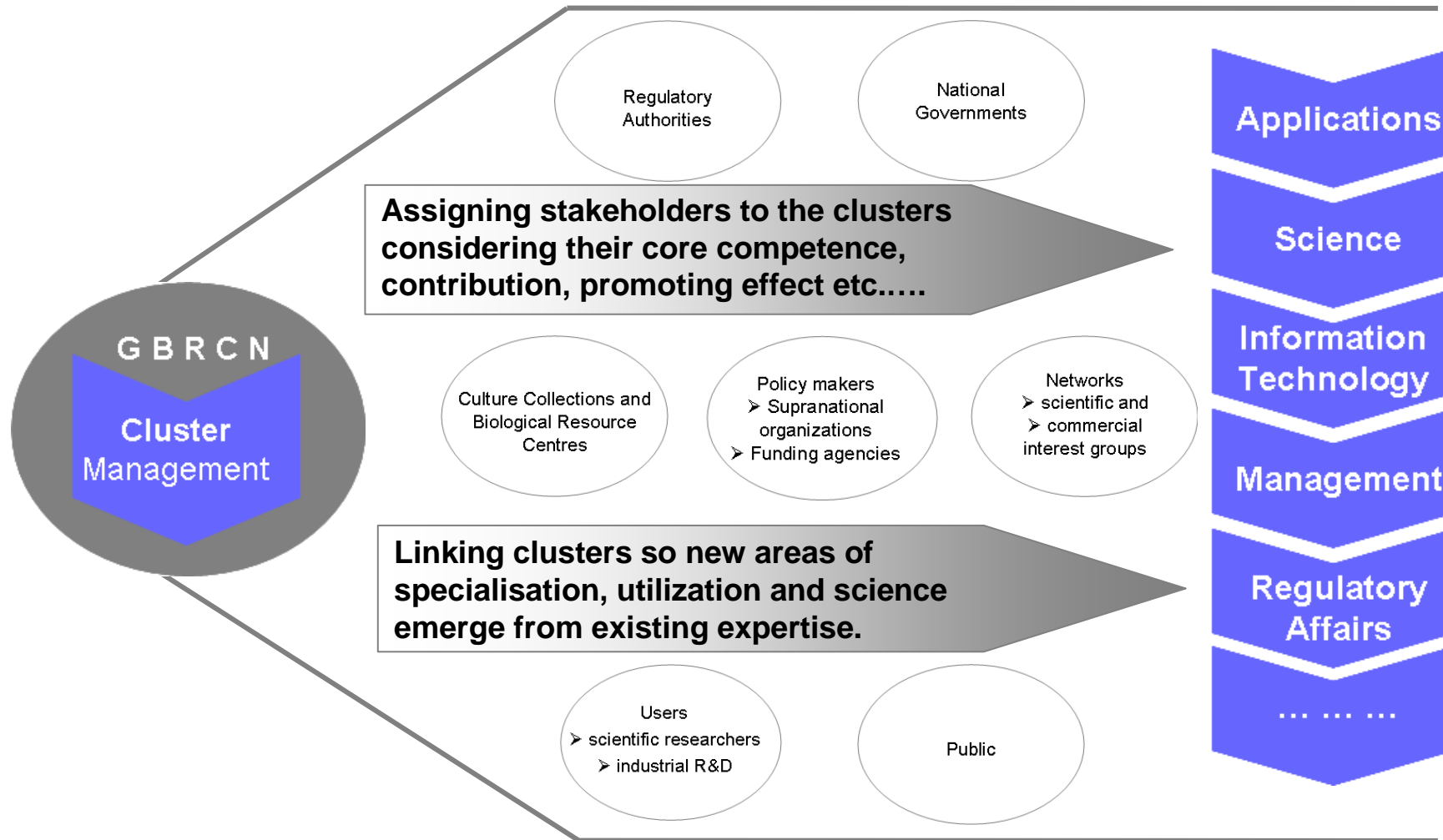
Merging Stakeholders through GBRCN



Creating Dedicated Clusters for Mutual Benefit



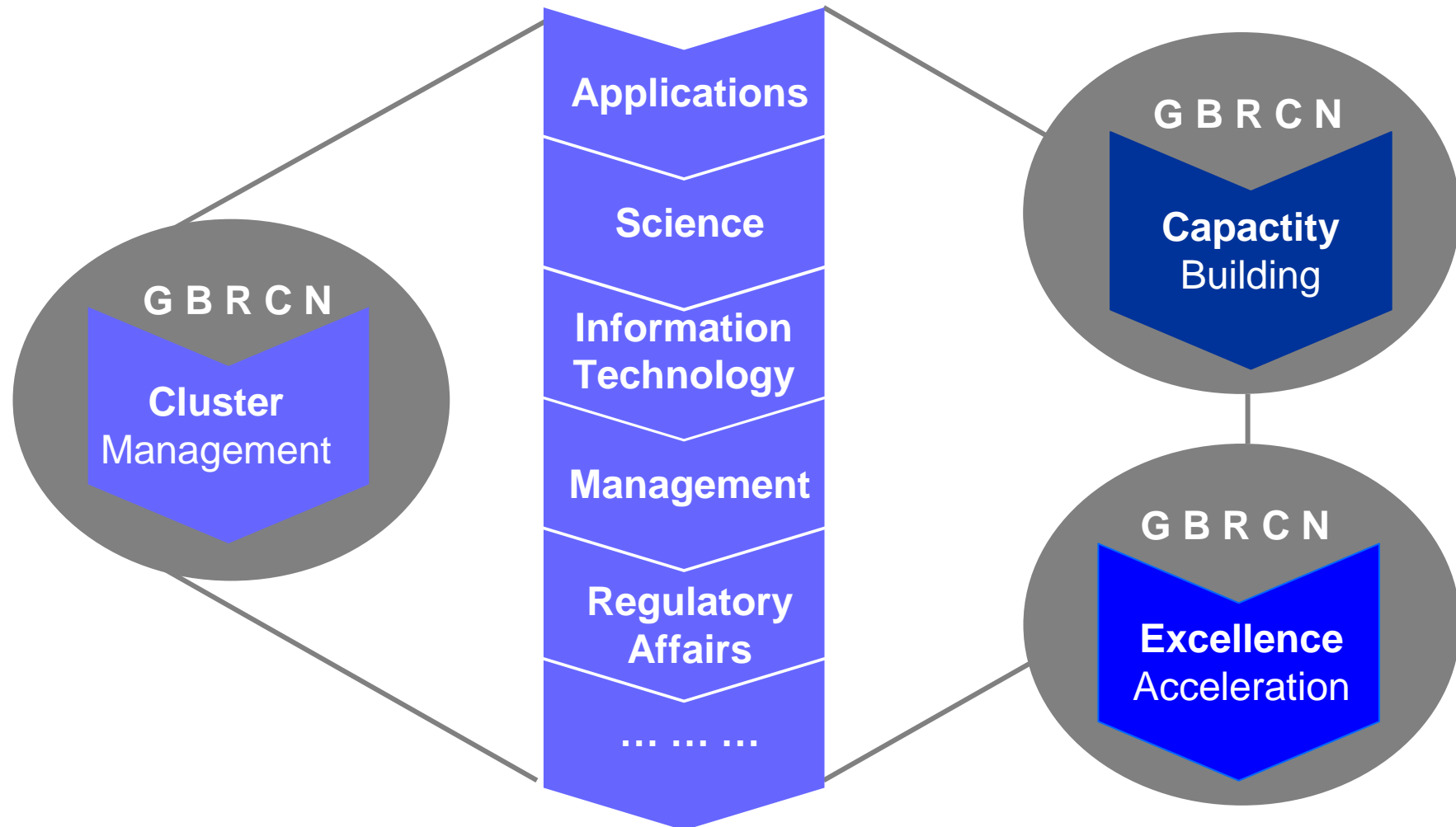
Gaining Added Value by Co-Operation



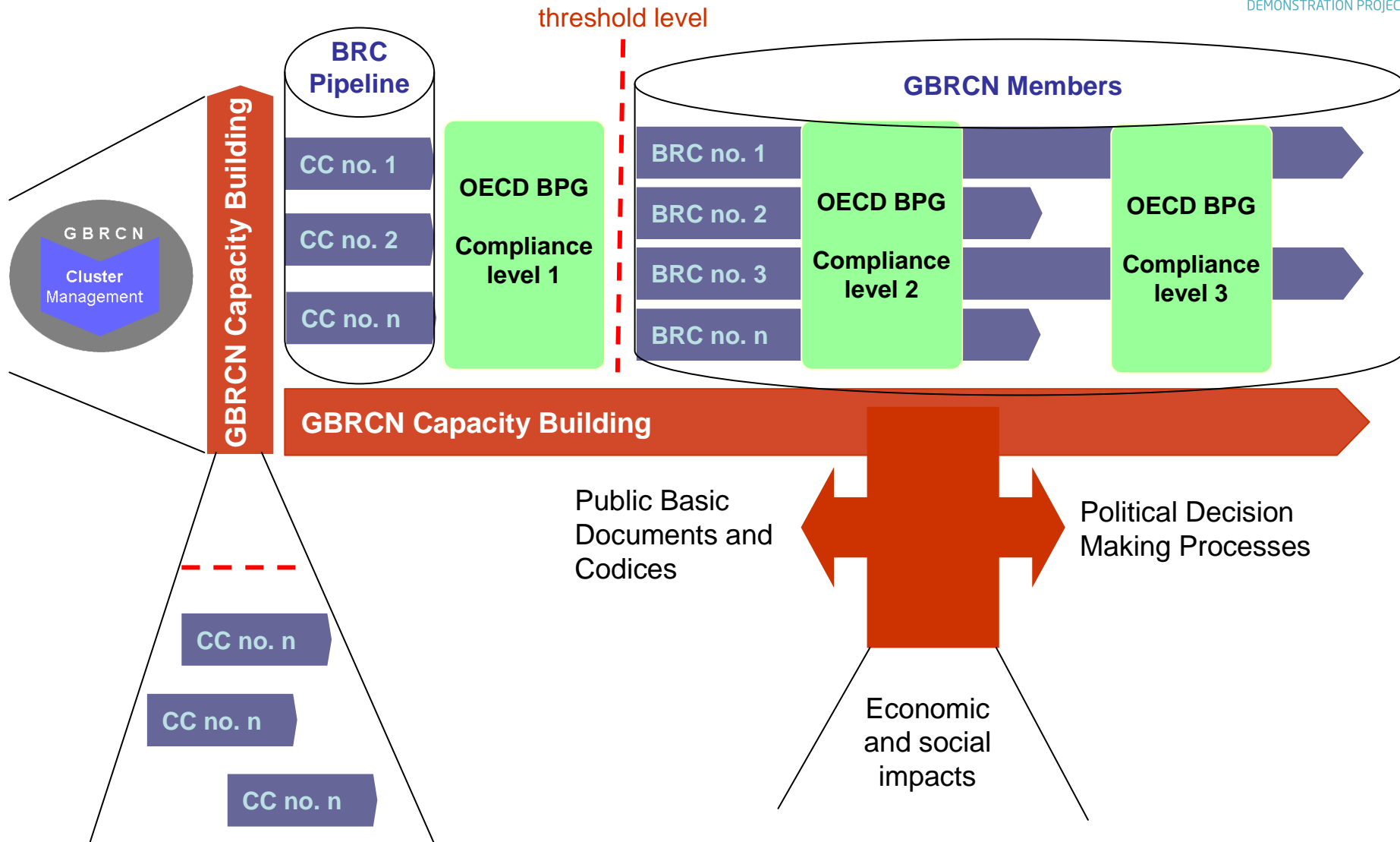
Achieving Benefit through Synergies



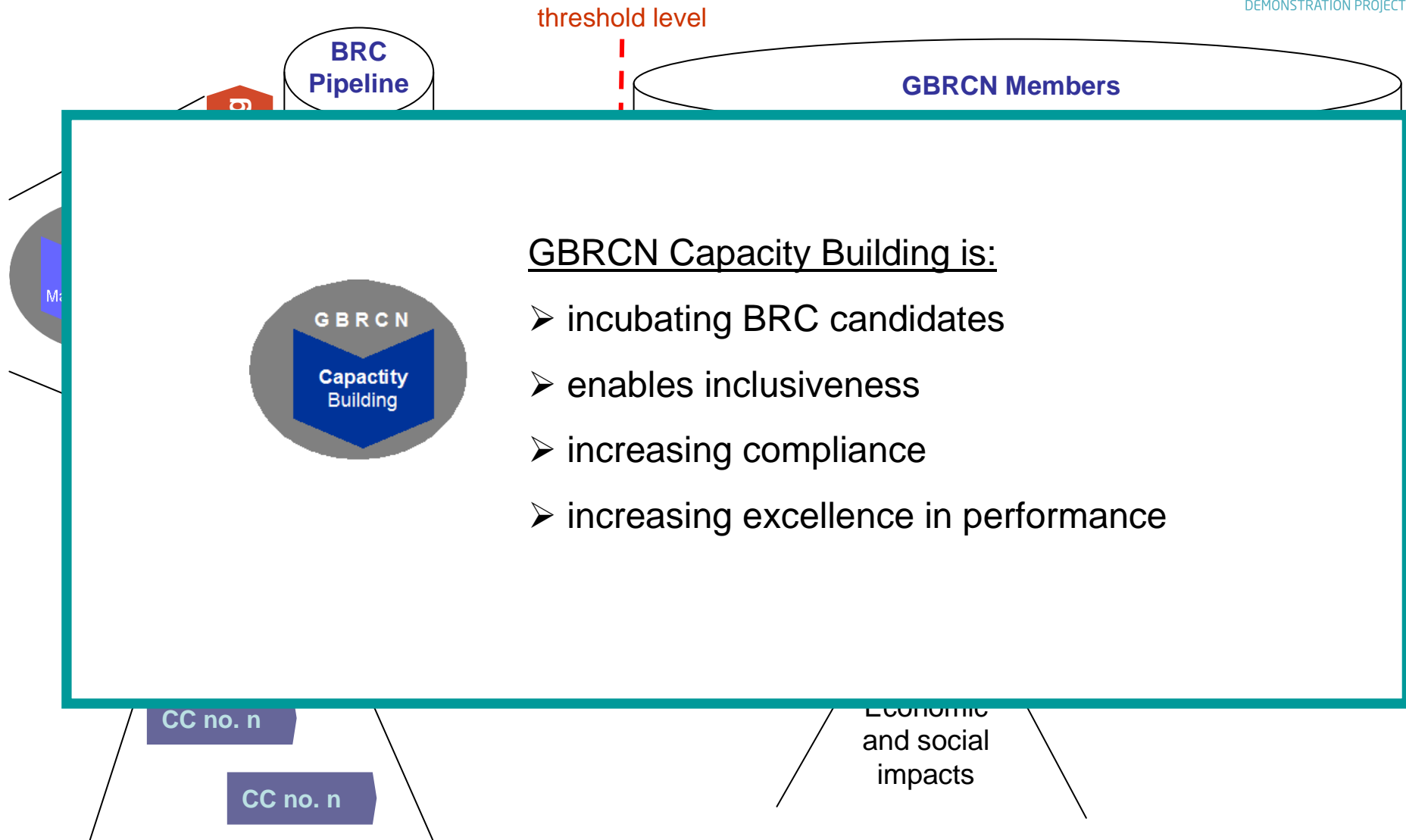
The synergetic model of **GBRCN transfers** the overall performance of it's **clusters into** supplying of **capacity building and acceleration of excellence** for BRCs:



Excellence based on Capacity Building



Excellence based on Capacity Building



Summary



GBRCN is answering OECD questions ...

Perspectively, the GBRCN clusters

- will be **excellence centres** for high quality material from all biological domains
- add scientific and commercial **value by providing access** to
 - the very latest scientific knowledge,
 - highly specialized researchers and experts,
 - managerial competences and
 - regulatory know-how.

The GBRCN as a cluster network allows all stakeholders

- to access and assess the scientific and technological knowledge they need
- to communicate and share their own knowledge, insights and needs to others,
- to overcome on-site, national and regional boundaries,
- to solve problems and
- to enhance the quality of live.

Thank you very much for your attention!

For further questions please contact:

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