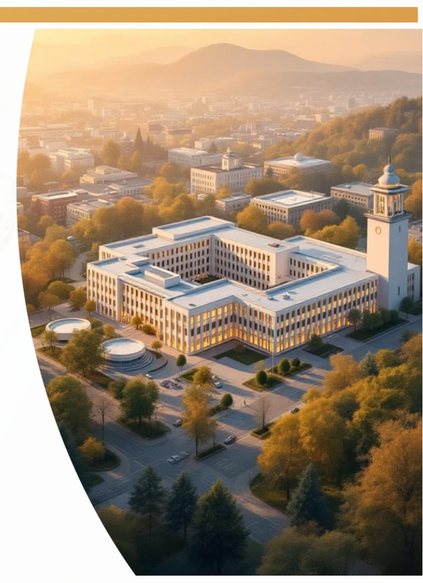
Assessing Bioeconomy Knowledge Valorisation Readiness in Widening Countries

Insights from the BEAMING Alliance



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Background

Why Knowledge Valorisation Matters in CEE

In CEE, institutions are increasingly developing valorisation structures — yet **the existence of structures does not automatically ensure their effective use** by researchers.

Research Question: How aligned are institutional knowledge valorisation structures with the awareness, capabilities and engagement of early-stage researchers within the BEAMING alliance?

Methodology

Two Complementary Empirical Components

Survey Evidence

- **N = 163** respondents
- Bachelor's, Master's, PhD students & Early Career Researchers
- Awareness of valorisation, perceived support, barriers, training demand

Institutional Interviews

- **N = 12** institutional contexts
- Research managers and senior researchers
- Support structures, IP management, collaboration, incentive frameworks

A qualitative thematic analysis was applied to interview responses using **binary coding** (presence = 1; absence = 0) to identify structural articulation patterns across institutions.

Institutional Evidence

Knowledge Valorisation Structures Across the Alliance

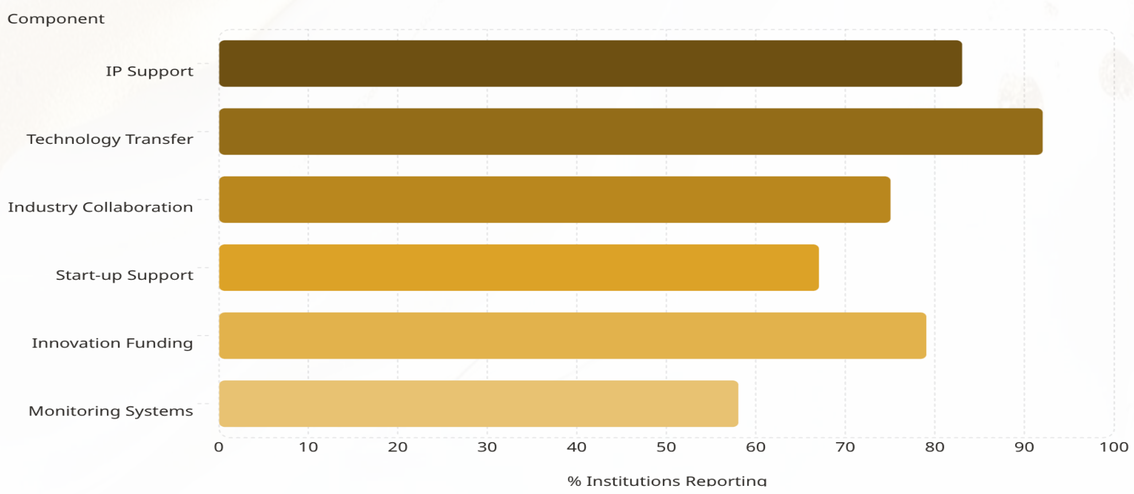


Fig. 1 Structural articulation of knowledge valorisation components across BEAMING institutions.

Central Finding

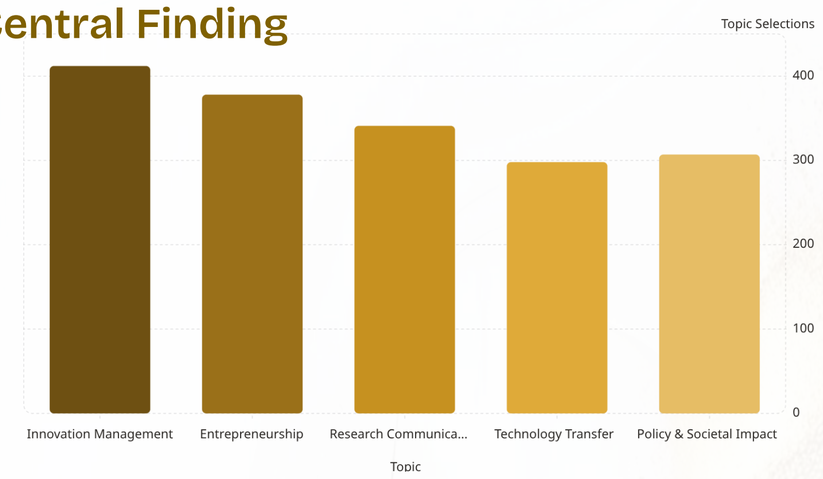
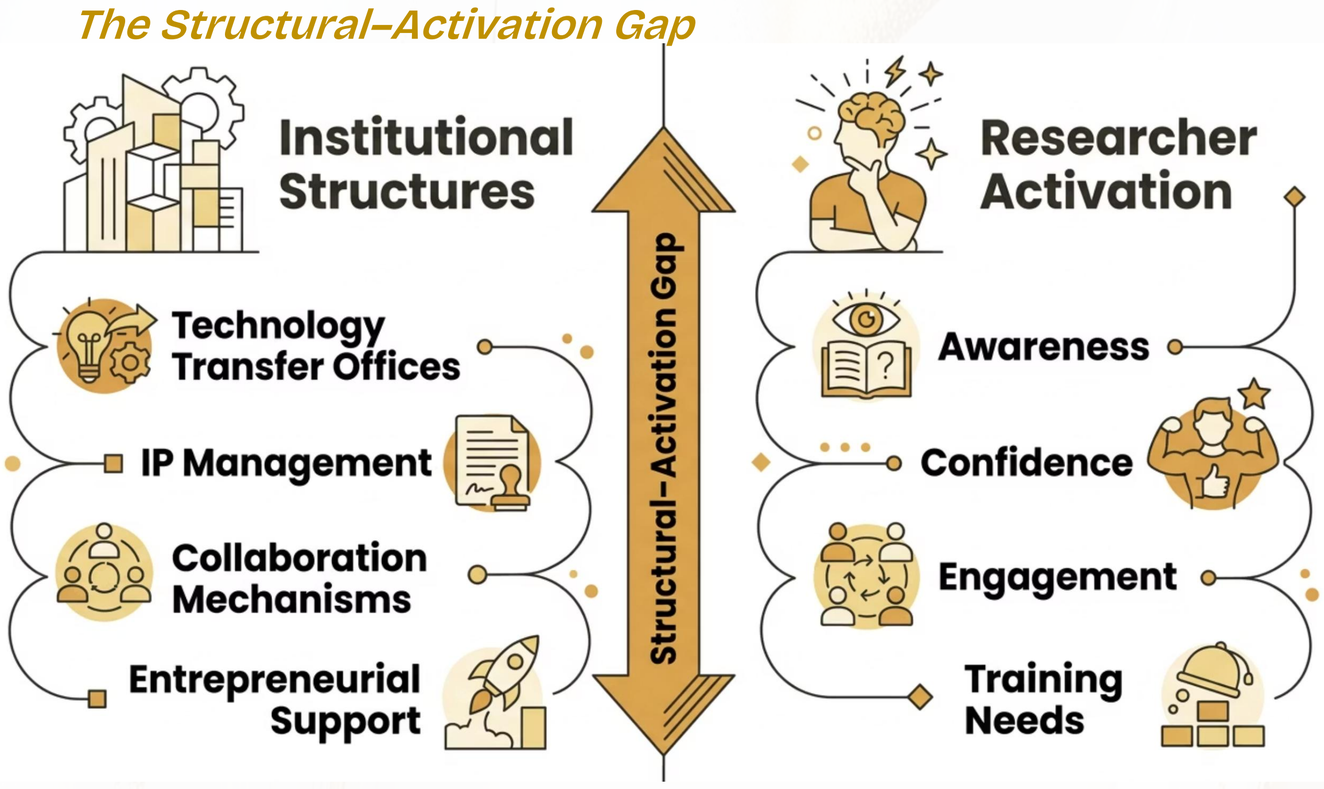


Fig. 2 Training demand by thematic cluster (total selections: 1,736).

The Structural–Activation Gap



Survey Results

Researcher Perspectives: Awareness & Training Demand

Visibility Gaps

High uncertainty reported around **IP guidance, patent support** and **start-up creation pathways** — despite these being institutionally present.

Training Demand

1,736 training-topic selections recorded across respondents — signalling substantial latent demand for structured competence development.

Policy Implications

Three Strategic Priorities for CEE Ecosystems

1 Improve Visibility of Institutional Support

Clear entry points, communication mechanisms and accessible platforms to ensure existing structures are recognised and reached by researchers.

2 Strengthen Competence Development

Training in innovation management, entrepreneurship and external collaboration is essential to activate latent researcher engagement potential.

3 Integrate Monitoring with Governance

Systematic use of valorisation indicators can align research strategy, impact objectives and capacity-building across institutional levels.

Key Takeaways

What the BEAMING Evidence Tells Us

Structures Exist

Core valorisation infrastructure is present across CEE institutions — but integration and monitoring remain inconsistent.

Awareness Lags

Early-stage researchers show significant uncertainty about available IP, start-up and transfer support mechanisms.

Demand Is High

Over 1,700 training selections confirm that researchers are ready to engage — when given the right pathways and programmes.

Gap Must Be Bridged

Closing the structural–activation gap requires deliberate communication, governance integration and capacity-building investment.

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