

Case Study: For Funders & Government

Driving Evidence-Based Policy with InsightGraph





Background: The Vision for Impact

A government body recognized the growing importance of leveraging academic research to shape public policy. Their goal was clear: to assess how research outputs influence decision-making, ensure impactful research receives recognition and funding, and support a culture of evidence-based governance.

However, their traditional approach—relying on scattered data sources and manual analysis—fell short in providing a comprehensive and actionable understanding of research-policy connections. The government body sought an integrated solution capable of delivering deeper insights into the impact of academic research on policy-making.

Challenge: The Need for Integration and Insight

The government body faced several critical hurdles:

- **Fragmented Data:** Disparate sources limited their ability to create a unified view of research and its policy influence.
- **Measuring Policy Influence:** Tracking academic publications cited in policy documents was complex and resource-intensive.
- **Identifying Societal Impact:** Pinpointing the real-world significance of research outputs in shaping policy required advanced analytical tools.
- **Field Comparisons:** Understanding which disciplines contributed most to policy was essential for strategic funding decisions.
- **Recognition and Funding:** Highlighting influential researchers was vital to incentivize impactful work.
- **Policy Evolution:** Monitoring how research shaped policy over time remained an unmet need.

The government body sought a solution that not only addressed these issues but also enabled strategic, data-driven decisions.

Solution:

InsightGraph's Transformative Approach

InsightGraph emerged as the ideal solution to tackle these challenges. As a comprehensive, interconnected data and insights knowledge graph, InsightGraph provided a singular view of research activities and their relevance to policy.

Key features included:

1. **Integrated Dataset:** Unified data from publications, policy documents, and other sources offered a holistic view of research influence.
2. **Policy Citation Tracking:** InsightGraph traced academic publications cited in policy documents, quantifying research contributions to governance.
3. **Impact Mapping:** The platform identified research outputs with societal significance, highlighting their role in policy-making.
4. **Discipline Insights:** Comparative analyses across research fields allowed the government body to prioritize funding for areas with the highest policy relevance.
5. **Researcher Recognition:** Highlighting influential researchers facilitated recognition and incentivized impactful academic work.
6. **Policy Evolution Monitoring:** InsightGraph tracked how research-driven insights evolved into policy changes over time.

Impact:

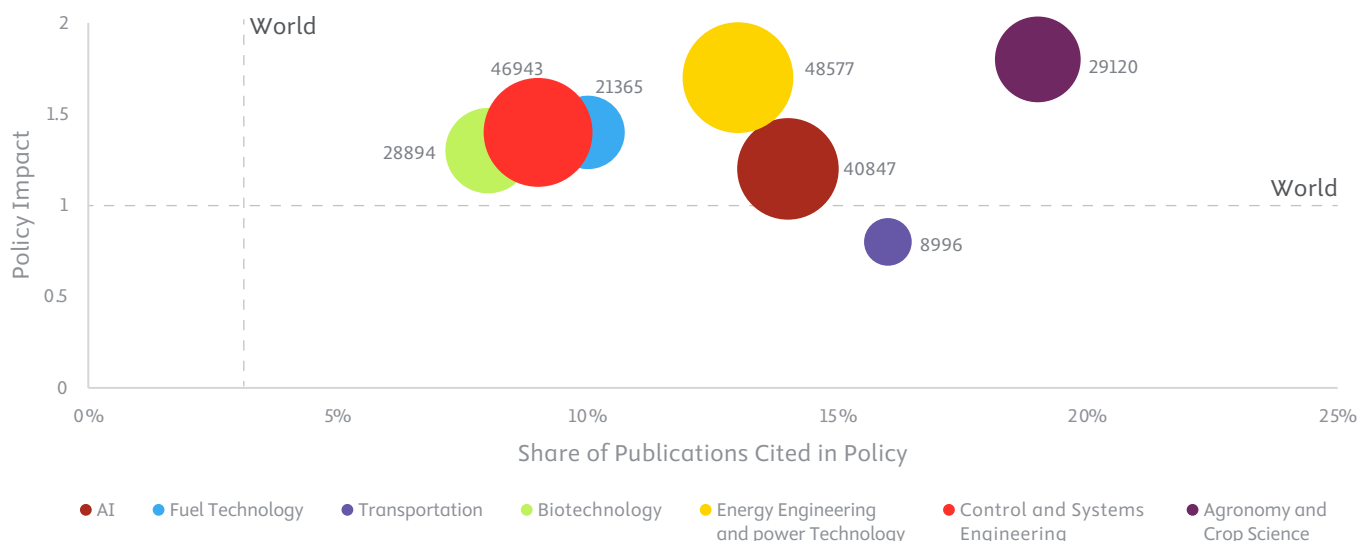
A Data-Driven Transformation

The implementation of InsightGraph led to several transformative outcomes for the government body:

- **Clearer Policy Influence:** By tracking policy citations, the government body visualized how academic research directly shaped governance, aligning funding strategies with impactful areas.
- **Societal Impact Insights:** The platform revealed which research outputs influenced policy, helping the government body spotlight work with tangible societal benefits.
- **Strategic Comparisons:** Field-specific analyses clarified which disciplines contributed most significantly to policy, enabling data-driven resource allocation.
- **Elevating Researchers:** InsightGraph enabled the government body to celebrate and fund researchers whose work was integral to evidence-based decision-making.
- **Demonstrating Value:** Tracking research-policy pathways demonstrated the importance of funding research with real-world applications, bolstering public and stakeholder trust.

The figure below shows the areas in which this funder is having the greatest policy impact. This is done through linking the publications that they have funded to policy-relevant documents that have cited those funded publications.

Their research on high-speed rail has the greatest weighted policy impact, despite fewer outputs in the area compared to some others.



Conclusion:

The Future of Policy Impact Evaluation

InsightGraph proved invaluable in the government body's quest to promote evidence-based policy. By integrating diverse datasets and offering advanced analytics, the platform empowered them to make strategic decisions rooted in data. Beyond evaluating policy impact, InsightGraph fostered a culture of recognition, support, and trust for researchers and stakeholders alike.

As governments and institutions worldwide seek to align academic research with societal needs, InsightGraph sets a new standard, ensuring impactful research receives the recognition and support it deserves.

For funders and organizations seeking to enhance their approach to policy impact, InsightGraph is the ultimate tool to drive meaningful change.

[Contact us to learn more](#)

InsightGraph

Funders, government entities, and academic institutions struggle with fragmented data, complex regulations, and cost constraints. InsightGraph integrates multiple data sources, offering a comprehensive overview of your research and innovation ecosystem.

For more information about InsightGraph, visit elsevier.com/products/insightgraph



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