



# The IntelComp project: STI policy evidence in a green transition context

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Open Data in the Forefront: Driving Policy Decisions for Climate Justice



# STI policy evidence in a green transition context

- Strategic intelligence improves the formulation, delivery and evaluation of policy interventions.
- Science, Technology and Innovation (STI) policymakers need to design and implement a new generation of STI policies that contributes to sustainability transitions.
- STI Policymakers now demand systemic and transdisciplinary knowledge.
- A reassessment of how evidence is generated: policymakers supporting experimentation.

# STI policy evidence in a green transition context

- The new STI policy stance implies new information needs. Policymakers have specific policy questions about:
  - The scientific and technological landscape related with climate change
  - The impacts of STI policies on green transition outcomes of interest.
  - The social needs related to the environment.
- The quantitative evidence to answer to these questions includes:
  - Domain-specific measurements and indicators at the interface of STI and the environment.
  - New sources of data to feed in the indicators.

# Digital tools for STI Policy Evidence

- Digitalisation provides new opportunities for strategic intelligence to support STI policies.
- The evolving context in STI policies is calling for:
  - New data sources.
  - New tools to collect, analyze and visualize the data.

# The IntelComp project

- A European project to build a digital platform that exploits large volumes of data on Science, Technology and Innovation (STI) activities with text analytics.
- A platform aimed at STI policymakers and research funders to assist them in specific tasks, at different stages of the policy cycle:
  - Agenda setting
  - Evaluation of proposals for funding
  - Monitoring of the results of funded projects
- A platform to engage other actors (academia, industry & citizen organizations) in STI policies.

## The IntelComp Platform

- IntelComp will be an integrated platform that includes innovative services and tools to collect, analyze and visualize large volumes of textual data on STI activities.
- To develop the platform, we use open data (e.g. OpenAIRE Research Graph), available through the IntelComp newly defined Data Lake.
- The platform is being tested in 3 domains of STI policy: Artificial Intelligence, Cancer and Climate Change. And co-created through Living Labs:
  - Climate Change. Greece (led by ARC).



<https://intelcomp.eu>

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