

A background image showing a group of business professionals in a meeting. They are gathered around a table, looking at a tablet computer. Some are holding coffee cups. The scene is brightly lit, suggesting an office or conference room environment.

The policy making process; the questions, the agony and the approaches followed by policy makers and funders

(How can the world get rid of consultants)

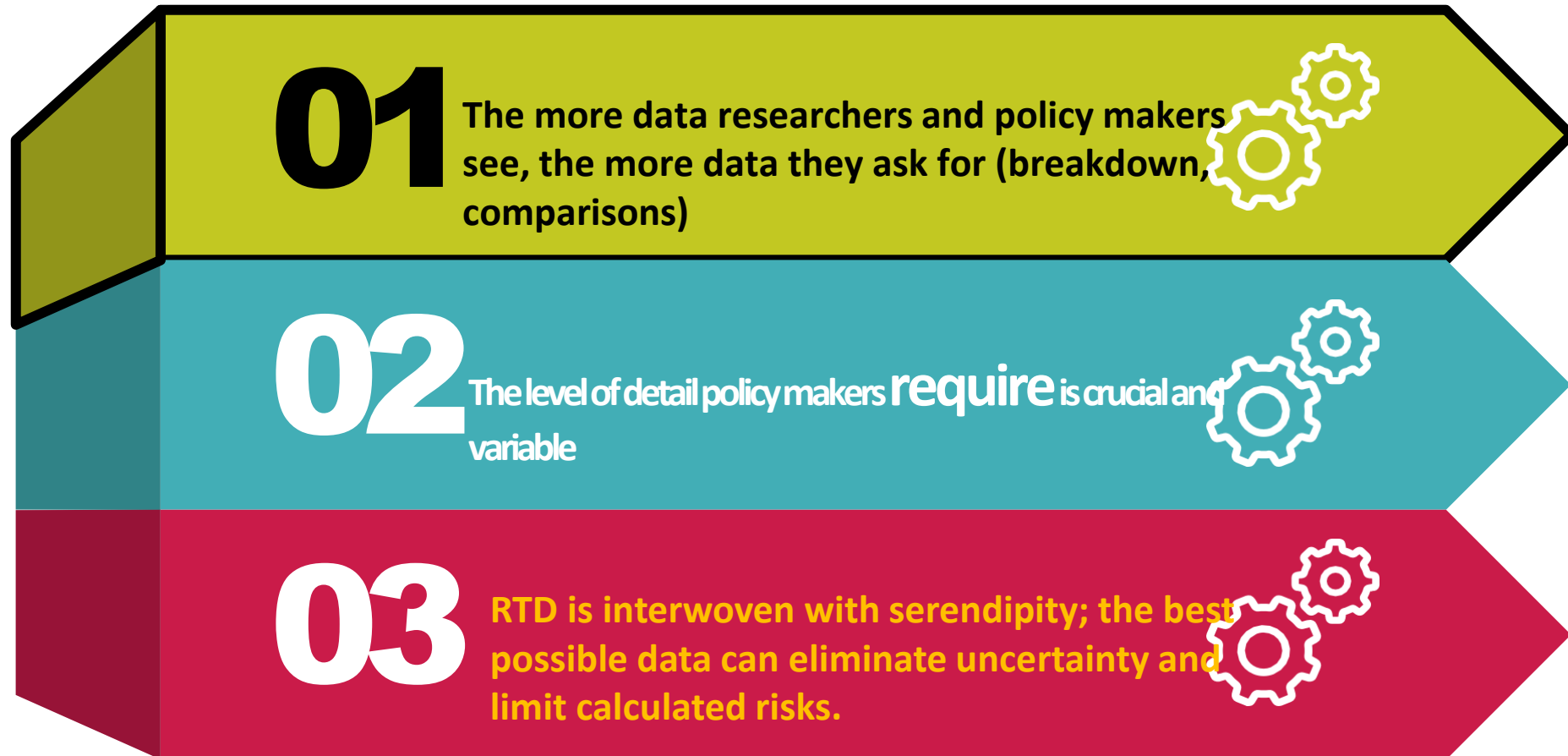
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DATA DRIVEN INSIGHTS

What do policy makers want? What can they get?





AI-driven Policy Intelligence

Deliver a data platform to assist and facilitate the whole-spectrum of RTD Policy

- 1. The Cycle: *Design, Implementation, Monitoring and Evaluation***
- 2. The seven functions: *Entrepreneurial activity; Knowledge creation; Knowledge diffusion; Guidance; Market formation; Resources mobilization; Creation of legitimacy/counteract resistance to change***

	Agenda Setting	Policy formulation and Policy adoption	Implementation (Monitoring)	Evaluation
Entrepreneurial activity	Which companies emerge with specific disruptive technologies in the country? Globally? In the microregion?	Company incentives created in success cases	Creation of calls Response by companies	Economic results Social impact
Knowledge creation	Which are the key emerging scientific areas in the country? Globally? In the microregion?	Characteristics of academic research in success cases	Creation of calls Response by research organisations	Scientific and technological results; new research topics
Knowledge diffusion through networks:	Are there any networks, clusters, trainings, intermediaries in the topic?	Characteristics of appropriate intermediaries	Creation of calls Response by associations and intermediaries	Behavioural changes
Guidance	Are the technologies developed linked to societal challenges?	Which countries invest in the specific technologies? Foresight results	Project compliance with societal challenges	Access to appropriate evaluators Societal challenges met
Market formation	Characteristics of appropriate regulation, incentives, procurement	How permissive is the national regulatory framework Potential procurement needs Tax policies	Niche markets Procurement implemented Tax credit applications	Regulatory burdens; regulatory /policy impacts
Resources mobilisation	What human resources are necessary for the technology? Are there international funding sources available?	Availability of national human and financial resources; research infrastructures; access to foreign infrastructures	Absorption of funds Time to contract	Private returns on investment Social returns on investment
Creation of legitimacy/counteract resistance to change	What is the opinion/resistance to emerging technologies? Where? By whom?	National patterns of technology friendliness	Monitoring reactions by academic community; globally; civil society	Feedback from associations/civil society(digital tools)



The history of RTD Policy Intelligence

In the past data was gathered by surveys, interviews and case studies, which remain an excellent source of evidence but have two major drawbacks:

- ❖ They are inherently biased (who responds and what he/she says).
- ❖ Beneficiaries are fed up with receiving requests for surveys and interviews.

Then came aggregated data (National Statistical Offices , EU, OECD, UN)

- ❖ They are never at the level policy makers want them
- ❖ They are always pointing at the past rather than the future

So Policy makers want more. Here comes AI

What/how can AI cover the needs?

- ❖ **Time dimension:** organise data to be available for *Hindsight, Now Sight and Foresight*
- ❖ **Type of data:** *Science, Technology, Economic and Social Impact*
- ❖ **Level of detail:** *Standard classifications (NACE, FoS, IPC, SDGs, ESGs.....) lowest possible and all aggregation.*
- ❖ **New Classifications:** *identify hidden issues*

Delivery

- ❖ **Basic knowledge (STI viewer): selected indicators**
- ❖ **Data for own processing (xls): “all possible indicators”, suggestions and freedom to experiment**
- ❖ **Detailed explanations (what, how, why)**
- ❖ **Training for “experimenting” with the data**

Thank you!

Contact

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