

A4.10 Policy instrument: Research & Innovation

We define R&I as a **policy instrument** to reach a given policy goal, rather than a goal by itself. Following the classification by Rogge and Reichardt (2016), the class of R&I policy instruments has been broken down into three dimensions:

- **Economic instruments** (e.g. research grants and loans, subsidies, infrastructure provision, etc.)
- **Information instruments** (e.g. funding trainings/education measures, scientific workshops, etc.)
- **Regulations** (e.g. patent law, intellectual property rights, technology/performance standards, application constraints, market design, etc.)



Only one policy using the R&I regulatory instrument has been mapped.

Is there room for a greater use of this kind of regulation?

On which **POLICY GOAL** do **R&I economic instruments** focus?



Since some R&I actions are not explicitly targeted to a goal, we included an additional dimension called “**Cross-sectional R&I oriented goal**” (e.g. funding SMEs, but without constraining the ultimate goal of their R&I activities; incentives to hire R&I personnel; etc.) among policy goals.

Through which PRIMARY TARGET do R&I economic instruments act?



Should information about R&I opportunities, funding options etc. act more through **farmers and civil society actors** in order to achieve a more effective and **bottom-up** food systems transformation?

R&I information instruments predominantly focus on the “**Cross-sectional, R&I oriented**” goal and act through the **food industry** and the **research sector** – for example:

Flanders’ Food
Belgium

Target: Food industry

A strategy-driven **platform** that contributes through innovation to a more competitive, innovative and sustainable agri-food industry.

State Research Agency
Spain

Target: Research sector

It aims at improving accountability, the monitoring of actions, the management of available funds and at reducing administrative burdens.

Strategic Innovation
Sweden

Target: Research sector for the food industry

Swedish companies, authorities and universities act together to formulate challenges, set common goals and prioritise investment in R&D&I.

Who do R&I instruments ultimately benefit?

