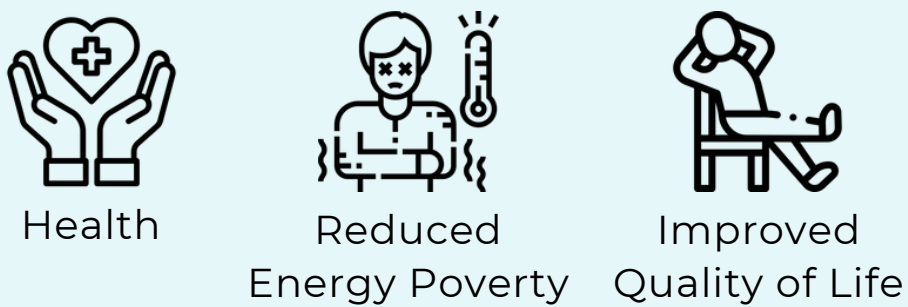# The MICATool

MICAT
Multiple Impacts Calculation Tool

The MICATool is a publicly available, easy-to-use and scientifically sound online tool which *enables the holistic analyses and quantification of Multiple Impacts associated with energy efficiency* corresponding to the major demands of stakeholders at the European, national and local levels.

The tool allows for robust analyses to be carried out on the basis of different policy scenarios in order to *compare and assess the relevance of a number of social, economic, and environmental indicators and impacts*, thus reinforcing reporting and monitoring at the three governance levels. In addition, the MICATool will help to strengthen the climate strategy of the EU and accelerate an affordable and just sustainable energy transition by addressing the challenges and needs of important target groups.
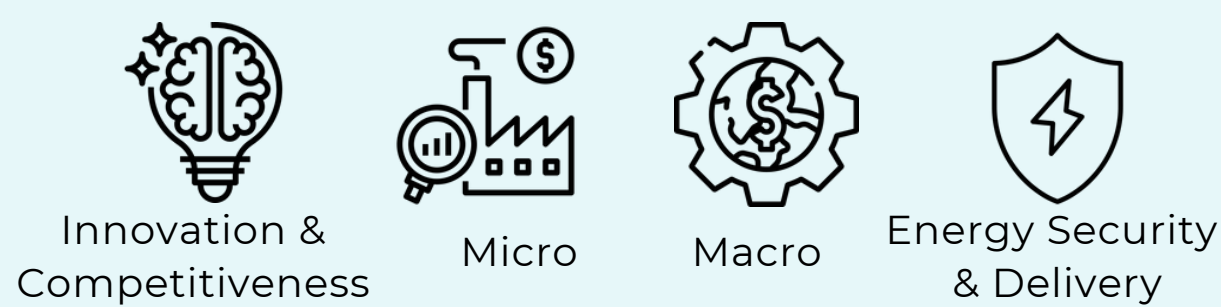
WHAT ARE THE MULTIPLE IMPACTS OF ENERGY EFFICIENCY?

Energy efficiency has multiple impacts beyond the reduction of energy consumption alone. Some examples include effects within social, economic, and environmental impact categories.
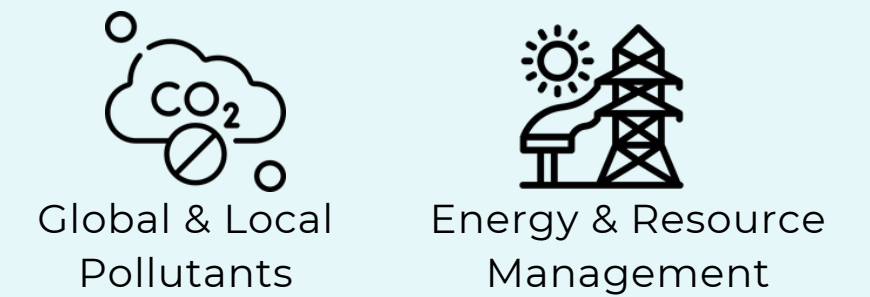
SOCIAL
- Health
- Reduced Energy Poverty
- Improved Quality of Life

ECONOMIC
- Innovation & Competitiveness
- Micro
- Macro
- Energy Security & Delivery

ENVIRONMENTAL
- Global & Local Pollutants
- Energy & Resource Management

STAKEHOLDER ENGAGEMENT

The meaningful and repeated involvement of EU, national, and local stakeholders at different stages of the tool's development has ensured the *quality, transferability and applicability of the MICATool* across the EU.
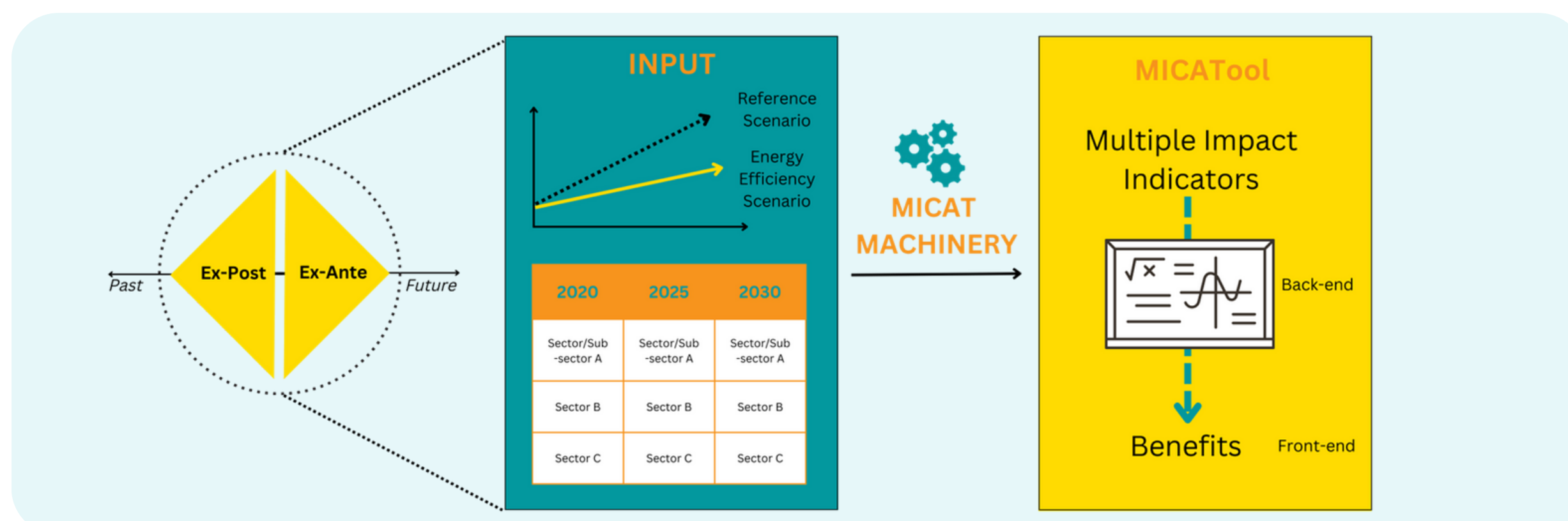
3 LEVELS

1. **EU**
2. **NATIONAL** → Germany | Poland | Italy
3. **LOCAL** → Vitoria Gasteiz (ES) | Calvià (ES) | Tartu (EE)

3 STEPS

1. **Analysing underlying assumptions & methodology |** Introduction of the project and indicator preferences
2. **Embedding of the tool |** Discussion of an advanced mock-up to enable adjustments
3. **Implementation & Training |** Presentation and introduction into the use of the MICATool

MICAT METHODOLOGY

INPUT — Reference Scenario — Energy Efficiency Scenario

Past — Ex-Post — Ex-Ante — Future

2020	2025	2030
Sector/Sub-sector A	Sector/Sub-sector A	Sector/Sub-sector A
Sector B	Sector B	Sector B
Sector C	Sector C	Sector C

MICAT MACHINERY

MICATool — Multiple Impact Indicators — Back-end — Benefits — Front-end

www.micatool.eu

EXPLORE THE MICATOOL & FIND OUT MORE ABOUT THE PROJECT!

MICATool
Policy Briefs
Factsheets
Podcasts
Webinars
... and MORE!