Power BI



SOURCE
https://www.microsoft.com/it-it/power-platform/products/power-bi?market=it

DEVELOPER
Microsoft

TYPE OF RESOURCES
Planning tool

AVAILABLE FOR FREE/LICENSE
License needed

USER FRIENDLINESS
User-friendly

TUTORIALS AVAILABLE
https://learn.microsoft.com/en-us/training/modules/get-started-with-power-bi/

SHORT DESCRIPTION
It is an interactive data-visualisation and analytics solution based on Microsoft Power BI, designed to support energy system analysis and decision-making. It integrates and processes large energy-related datasets to present key indicators, trends and scenarios through intuitive dashboards and reports. The tool enables users to monitor performance, compare scenarios, and support strategic planning by translating complex technical and economic data into clear, accessible insights for policymakers, planners, engineers and other energy stakeholders.

PHASE OF THE H&C PLAN
Evaluation and comparison of different scenarios – Roadmap: Roadmap development

OUTPUT OF THE TOOL
- Visualisation of different roadmaps related to primary energy demand [MWh/yr]
- Visualisation of different roadmaps related to CO2 emissions [kgCO2/yr]

REQUIRED INPUT
- Primary energy demand results from iCD
- CO_2 emissions results from iCD

MAIN ADVANTAGES
- Intuitive and interactive dashboard
- Graphical outputs for stakeholders: useful for municipal reporting and decision-making
- Supports scenario comparison

MAIN DISADVANTAGES
- Commercial software: requires licensing.
- It is primarily a decision-support and visualisation tool rather than a standalone simulation or optimisation engine.