



The Energy Saving Measures (ESM) Database

What is it?

The ESM database is a specialized platform developed to host and manage energy-saving measures identified through energy audits in the partner countries of the AUDIT2MEASURE project. It consolidates diverse data into an accessible format, incorporating comprehensive numerical analysis and benchmarking systems.

What does it do?

- **Data Storage:** Keeps detailed information on energy-saving measures.
- **Analysis:** Provides KPI values and benchmarks for comparing measures.
- **Data Importing:** Updates with new measures from XLSX files.
- **Quality Control:** Validates imported data for accuracy.
- **User-Friendly:** Easy to navigate for all users.
- **Search and Filter:** Allows searches based on various parameters.
- **Analytics:** Offers insights through comprehensive analytics.
- **Benchmarking:** Visually compares the effectiveness of measures.

The screenshot shows the 'ESM LIST' interface. On the left, there are several filter sections: 'INDUSTRY' (Pulp & Paper, Plastics, Pharmaceuticals, Metal, Machinery), 'TECHNOLOGY CATEGORY' (Power Generation, Process Heating/Cooling, HVAC System, Compressed air, Lubrication), 'COUNTRIES' (Germany, Greece, Italy, Czech Republic, Austria), 'COMPANY SIZE' (Micro, Small, Medium-sized), and 'EXECUTIVE SHEETS' (Yes). Below these are sliders for 'Energy Score', 'Environmental Score', 'Financial Score', 'NEBs Score', and 'Total Score'. A search bar is at the bottom left. The main table has columns: Title, ID, Industry, Technology Group, Description, Lifetime, Status of Implementation, Energy Scor..., Environment..., Financial Sc..., NEB Score %, Total Score %, and Executive Sh... The table lists 10 items, each with a 'View' button. At the top right of the table is a search bar with 'Filter Description' and a 'GO' button. At the bottom right of the table, it says 'Rows per page: 10' and '1-10 of 3251'.

Filters: Options to filter the list by industry, technology, country, company size, and scores.

Search and Navigation: A search bar and pagination controls for easy navigation.

ESM List: A table with details on various energy system measures, including industry, technology, and status.

Who is it for?

The ESM database is for companies and decision-makers aiming to adopt energy-saving measures. It is useful for:

- **Companies:** Improving energy efficiency.
- **Decision-Makers:** Accessing detailed information and analytics.
- **Energy Auditors:** Uploading and analyzing audit findings.
- **Efficiency Experts:** Evaluating and benchmarking measures.

