DE-RISKING ENERGY EFFICIENCY PLATFORM (DEEP)

**Key figures** for energy efficiency investments in the platform

<table>
<thead>
<tr>
<th>Buildings</th>
<th>Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5,152</strong> Projects</td>
<td><strong>5,014</strong> Projects</td>
</tr>
<tr>
<td><strong>5,0</strong> Years</td>
<td><strong>2,0</strong> Years</td>
</tr>
<tr>
<td><strong>2,5</strong> Eurocent / kWh</td>
<td><strong>1,2</strong> Eurocent / kWh</td>
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</tbody>
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DEEP is accessible online through [deep.eefig.eu](http://deep.eefig.eu)

DEEP is an open source database for energy efficiency investments performance monitoring and benchmarking, which supports the assessment of related benefits and financial risks. It allows highly customizable comparison of implemented energy efficiency investments for example per country, per measure type, building type and verification method.

DEEP provides market evidence from Europe and globally. The data platform is a new source of operational risk management benchmark, which helps project developers, financiers, and investors to better assess the risks and benefits of energy efficiency investments. It is translated to French, German, Italian, Spanish, and Polish.
EXAMPLES OF FINDINGS:

- Distribution of payback times for measures in buildings (years)
  - HVAC Plant
  - Lighting
  - Building Fabric Measures
  - Integrated Renovation

- Distribution of avoidance costs for measures in industry (Eurocent / kWh)
  - Heating
  - Waste heat (without power generation)
  - Motors and Energy Management
  - Compressed Air
  - Refrigeration
  - Other
  - Pumps
  - Cooling
  - Street Lighting

- Additional values from projects in buildings
  - Carbon emission reduction
  - Reduced maintenance
  - Health & safety
  - Employee satisfaction
  - Brand / market value
  - Customer benefits
  - Enhanced site value
  - Compliance
  - Productivity improvement
DEEP OFFERS THE FOLLOWING SERVICES:

1. **KEY FIGURES** page provides a quick overview of the Buildings and Industry projects in the DEEP. This service presents information about the current number of projects, median payback and median avoidance cost for buildings and industry projects for each country visually in a map by hovering above each country.

   **BUILDINGS**
   - 5,152 Projects
   - Median Payback - Buildings: 5.0 Years
   - Median Avoidance Cost - Buildings: 2.5 Eurocent / kWh

   **INDUSTRY**
   - 5,014 Projects
   - Median Payback - Industry: 2.0 Years
   - Median Avoidance Cost - Industry: 1.2 Eurocent / kWh

2. **DATA OVERVIEW** page provides a more comprehensive (still aggregated) overview of the energy efficiency projects in the DEEP. The user can choose to see an overview of the energy efficiency projects in Buildings or Industry by clicking on the respective icon at the beginning of the page.

3. **VIEW CHARTS** functionality allows the user to view and filter a number of predefined charts for Buildings / Industry energy efficiency projects.

4. **ADD AND MANAGE PROJECTS** allows data providers to independently upload and manage energy efficiency projects. This section presents the list of the current added projects connected to the user’s profile.

5. **ANALYSIS TOOLBOX** allows the creation of charts in a dynamic and highly customizable manner. The user can select the x-axis variable (group by variable) such as country, measure type, verification method, building type, organization size and so on. Then the user can select the metric of interest y-axis such as total investment, energy consumption (before, after, forecast), etc.

6. **BENCHMARK YOUR PROJECTS** service allows comparison of projects of a user against the projects in the DEEP. The user selects the category (Buildings / Industry) as well as the benchmark method (Avoidance cost, Simple Payback time, Area cost, Energy saved).
As of December 2017, DEEP has available data for 10,000+ energy efficiency projects in buildings and industry, contributed by 25+ data providers illustrated below.

YOU CAN BECOME A USER AND:
- Enhance your understanding of and access to energy efficiency finance related business opportunities
- Streamline underwriting procedures through the EEFIG Underwriting Toolkit (valueandrisk.eefig.eu)
- Decrease due diligence and transaction costs
- Improve risks assessment through high quality and credible data framework

YOU CAN BECOME A DATA PROVIDER AND:
- Contribute to creating of European evidence base which is key to “get the energy efficiency policy and market story right”
- Benchmark your project performance versus others and identify opportunities
- Receive public acknowledgement and visibility as data contributor
- Connect your data to investors and influence the industry best practice

HOW TO ENGAGE:
Financial institutions, industry representatives and sector experts may through EEFIG (eefig.eu) be engaged in an expert dialogue and contribute to enhancement of the fundamentals of energy efficiency investments in the buildings and industry sectors.