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Mitigation Enabling Energy Transition in the MEDiterranean region

ENERGY MANAGEMENT IN SCHOOLS

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22nd - 24th April 2024 Hammamet, Tunisia









WHAT WAS OUR AIM?

GUIDELINES FOR ENERGY AUDITS IN SCHOOL BUILDINGS

- ➤ The objective of our task was to create a comprehensive tool that could guide technicians through the implementation of an energy audit.
- These values include both electrical and thermal consumption.





WHAT WAS OUR AIM?

GUIDELINES FOR ENERGY AUDITS IN SCHOOL BUILDINGS

- > So we analysed **case studies** of **school buildings** and identified their **energy efficiency benchmarks** in terms of energy efficiency.
- These values include both electrical and thermal consumption. We asked our partners to provide us with the tools and information to adapt our algorithm to their country.



> This is how the tool is adapted to **different needs**.



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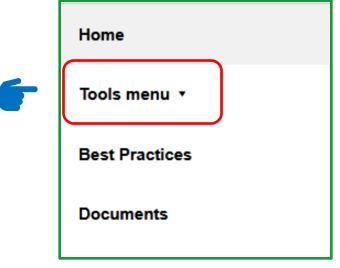
Renovation **Options Energy Profile Module** Module □ School details □ Architectural ☐ Energy Consumption elements ▶ Glazing ▶ Heating Energy Consumption ► Roof **►** Electricity ▶ Walls Consumption **▶** Basement ■ Volumes and Surface ■ Systems ☐ Operating Time Factor ► Heat generator **►** Lights ■ Operating Degree Days ► Solar Heating □ Results ► Photovoltaic

□ Results

Financing Module □ Rates □ VAN ■ Results



On the homepage click on Tools Menu in the left sidebar



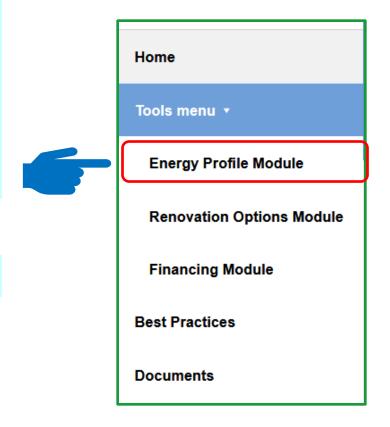


Click on **Tools Menu** in the left sidebar to open a drop-down list with options:

- **►** Energy Profile Module
- **▶** Renovation Option Module
- **▶** Financing Module

Click on **Energy Profile Module**

You can access the module for the calculation of energy indices of your school building and estimate its performance compared to the national benchmark.



RESULTS

At the end of the modelling, it has an energy profile of the school building from which to make reflections on the real case.

Click on Financing Module



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Tools menu ▼

Energy Profile Module

Renovation Options Module

Financing Module

Best Practices

Documents





Study tours in Bologna

An important part of the project was the study tour held in Bologna last December with colleagues from APRUE, who showed great interest and cooperation in the task's activities.





Contact us!



Mitigation Enabling Energy Transition in the MEDiterranean region

Together We Switch to Clean Energy



MEETMED WEEK 2024

Third Edition - Tunisia

For any inquires or comments, please don't hesitate to contact us

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