

SPEEDIER

SME PROGRAM FOR ENERGY EFFICIENCY THROUGH DELIVERY AND IMPLEMENTATION OF ENERGY AUDITS

SPEEDIER BRIEF TOOL INSTRUCTIONS

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Abbreviations

- ECM Energy Conservation Measure.
- SME Small or Medium sized Enterprise.

1 Introduction

1.1 Background

SPEEDIER is a highly innovative *one-stop-shop solution* that applies an integrated approach to energy management, providing information, advice, capacity building, energy auditing, financing, as well as implementation of energy efficiency solutions and monitoring of impacts. As part of the project, the SPEEDIER team, (led by partner, ITEC), has developed a SPEEDIER Tool for Experts that will assist them to quickly carry out an assessment of the energy saving opportunities available to SMEs that participate in the SPEEDIER Service.

1.2 Purpose of the document

The purpose of the document is to explain the operation of the tool and the correct workflow in order to obtain a proposal for measures and a calculation of energy savings. The document has been structured with explanations in text and captures images of the tool to make the guide more comprehensible.

2 Tool instructions

2.1 Log in

In order to log in to the Speedier tool, you must have previously registered on the [ITeC website \(https://en.itec.cat/\)](https://en.itec.cat/), during Speedier Projecte this register to use Speedier Tool will be free.

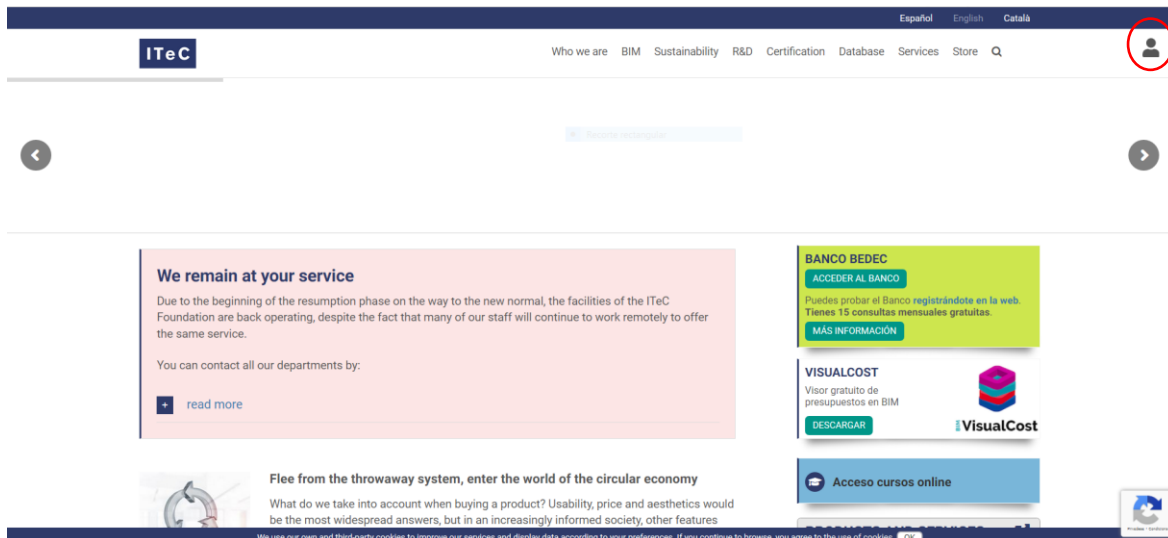


Figure 2-1: IteC website

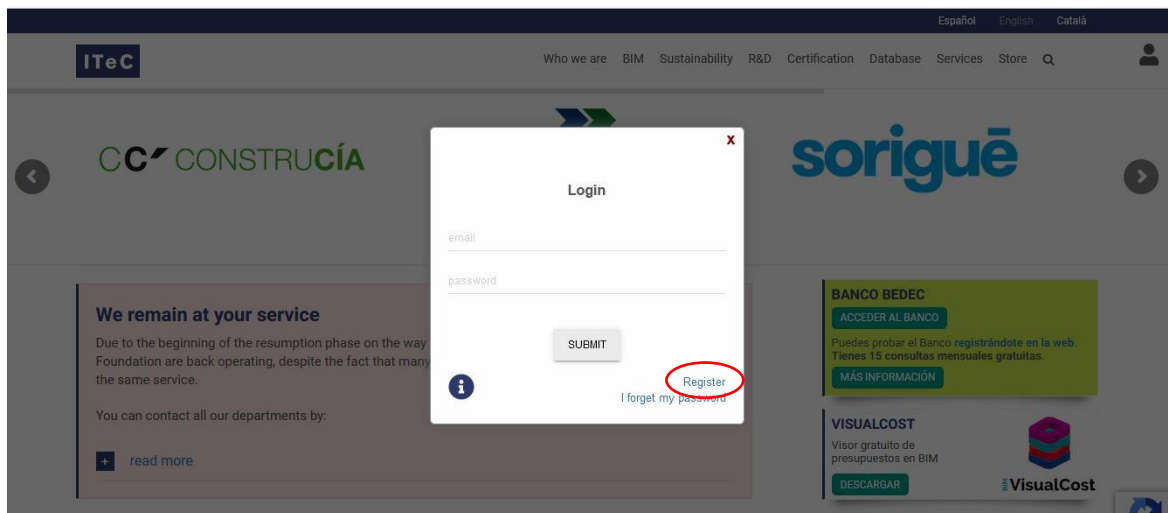


Figure 2-2: IteC website register

The screenshot shows the ITeC website's registration form. At the top, there is a navigation bar with 'Español', 'English', and 'Català' language options, and a user profile icon. The ITeC logo is in the top left. The main content area contains a white box titled 'Register' with the following elements:

- Input fields for 'First Name' and 'Last Name'.
- Input fields for 'E-mail' and 'Password'.
- A 'Retype password' input field.
- A 'Preferred language' dropdown menu currently showing 'English'.
- Two checkboxes:
 - I want to be informed of [the latest news in the construction sector](#) as well as our [products and services](#)
 - I [accept the legal advice](#)
- 'SEND' and 'CANCEL' buttons at the bottom.

Figure 2-3: IteC register formulary

Once registered on the ITeC website, you can now access the [Speedier tool](https://tcqi.eu/v1/speedier/#/app/home/projectList) and log in with you email and password.

The screenshot shows the Speedier tool login form. It is a white modal window titled 'Iniciar sesión' with a close button 'X' in the top right corner. The form contains:

- An email input field with the text 'dromeu@tec.cat'.
- A password input field with masked characters '*****'.
- An 'ENTRAR' button.
- An information icon 'i' in a blue circle.
- Two links at the bottom right: 'Registrarse' and 'No recuerdo el password'.

Figure 2-4: Speedier tool log in

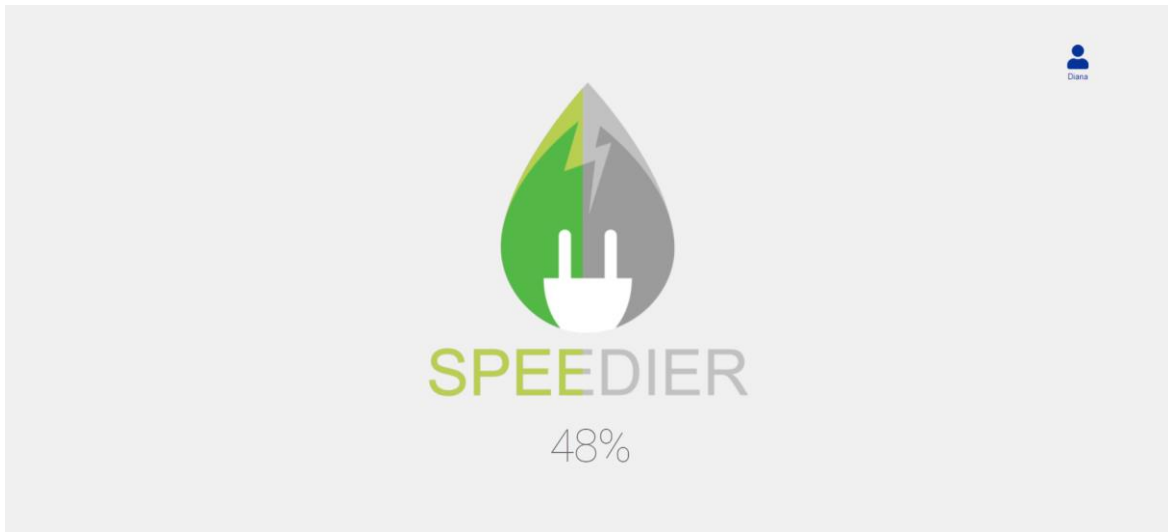


Figure 2-5: Speedier tool loading

2.2 Menus

The first screen that is seen when you log in in Speedier Tool is Project List, in there you have all your projectes and can managed it.

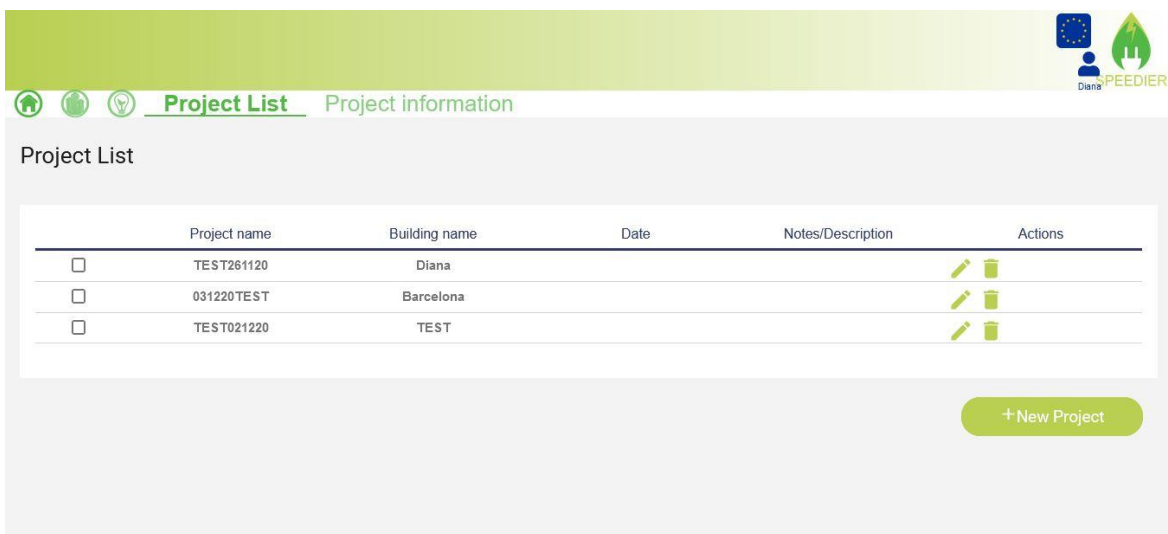


Figure 2-6: Project List

As you can see, the tool is structured in three main menus and in each one there are different subsections. The menus and submenus are detailed below.

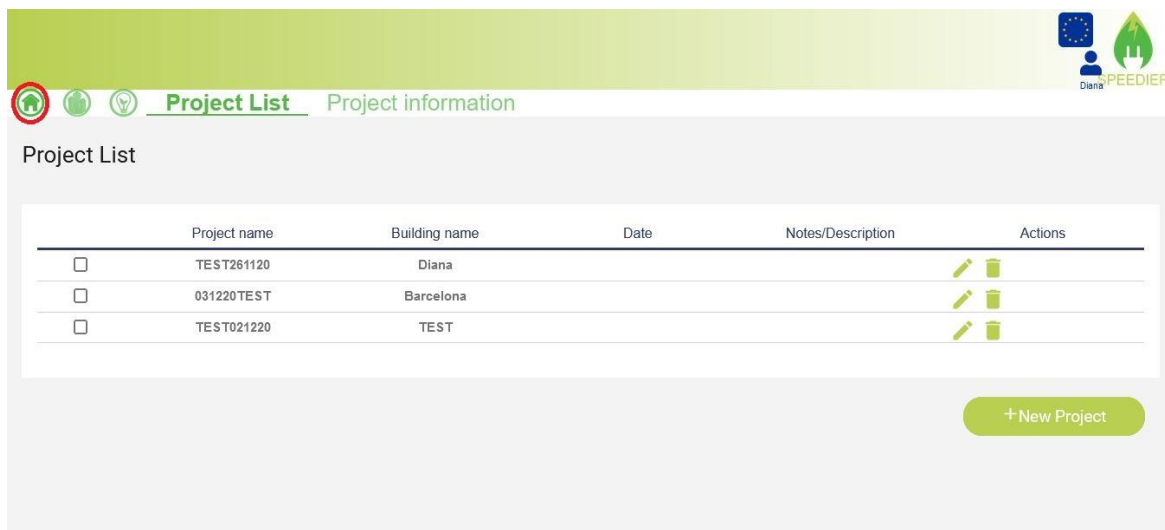


Figure 2-7: Project Home

The Project Home menu has two different submenus:

- Project List: where the user can manage all the projects.
- Project Information: where the user can create or modify a project.

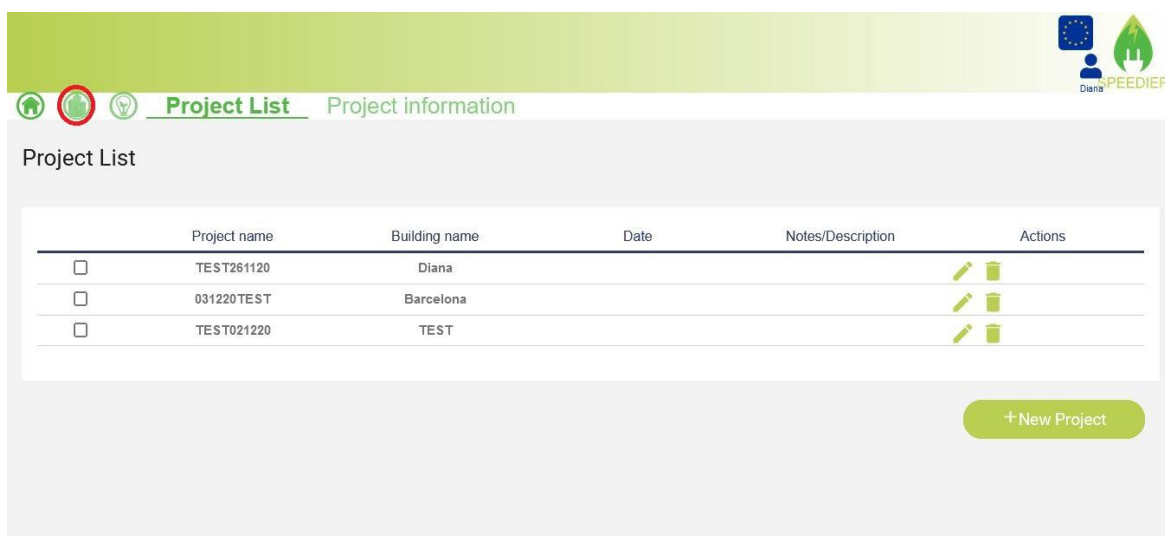


Figure 2-8: Building Information

The Building Information menu has four different submenus:

- Use details: where the user has to define the schedule and amount of users

- Economic data: where the user has to accept or modify the pieces proposed and some other economic data
- Energy contributions: this submenu it has to be complete only if the project has some installation that is consuming energy
- Building Information: where the user has to define the envelope characteristics and the energy contribution elements.

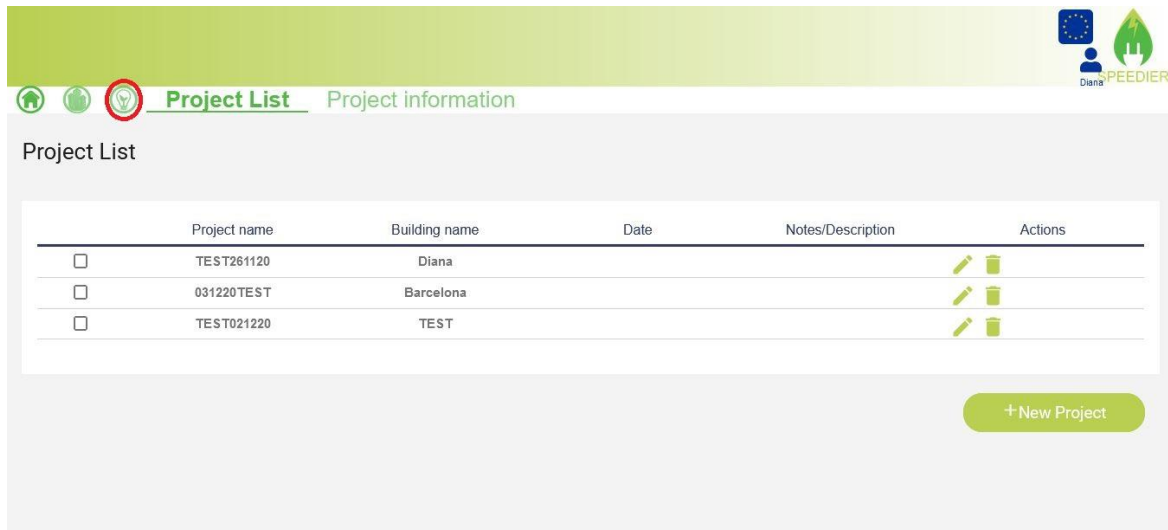


Figure 2-9: Saving Measures

The Saving Measures menu has two different submenus:

- Energy Conservation Measures: the tool will provide some measures with the energy savings and the cost.
- Periodic report: after applying one simulation the user can track the application of the measures in a period of time

2.3 Project Home

This is the first screen that you see when you start Speedier tool. As has told before the menu has two submenus.

2.3.1 Project List

In this screen the user could manage the projects, could create one, delete or modify the one's on the list.

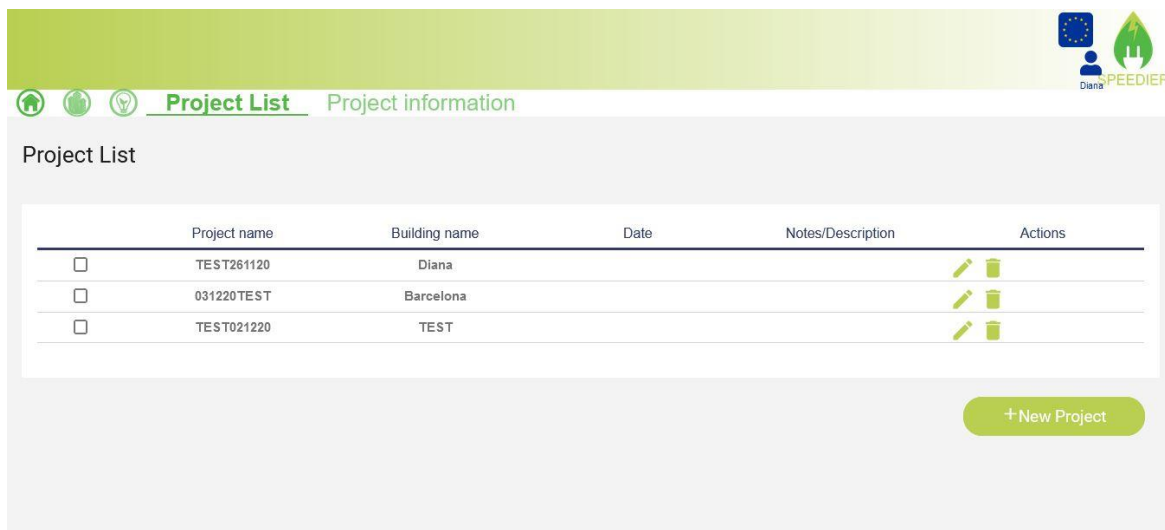


Figure 2-10: Project List

To work on a project, you must first select and then click on the menu you want to go to.

2.3.2 Project Information

To go to Projecte Information you can click on the pencil icon to edit an existing project or to create a project. The Projecte Information submenu is a form where you can edit the data if it is an existing project or fill it in if you create a new one..

Figure 2-11: Project Information formulary

The required fields are: Projecte name, Building name, Building surface, Country, Region and Buildign Type (selection from a list).

In the field Country there is a list from 4 countries Ireland, Italy, Rumania and Spain, and after the user select one of them the tool will provide with a list of Regions of this country. It's only these four countries because there are the places where the Pilot cases from Speedier project has been done. This selection will provide with data for the annual heating and cooling hours that are needed to the calculation for the saving from the measures.

After completing the information the formulary has to be save and the tool will return to Projecte list.

The screenshot shows a web application interface for 'Project Information'. At the top right, there are logos for the European Union and 'SPEEDIER'. The main content area is titled 'Project information' and contains a 'New project' section. This section includes several input fields: 'Project name *' (containing 'Instructions'), 'Building name *' (containing 'Example'), 'Building surface (m2) *' (containing '1,000,000'), 'Owner', and 'Notes/Description'. Below these are dropdown menus for 'Date', 'Country' (set to 'Spain'), and 'Region' (set to 'Barcelona'), along with an 'Address' field. A 'Location' section includes latitude and longitude inputs (all set to '0') and an 'Altitude' field. A note indicates the system uses 'World Geodetic System 1984 (WGS 84)'. At the bottom, there is a 'Building Type *' dropdown set to 'Administrations' and a green button. At the very bottom right, there are 'Back' and 'Save' buttons.

Figure 2-12: Project Information formulary complete