



European Association of Electrical Contractors

Energy performance | ICT and comfort | Safety and Quality | Standardisation | Renewables | ...



SmartPLAN

The AIE Smart House Planning Tool



Introduction

This Smart House Planning Tool has been developed to help users to prepare together with his electrical contractor a smart house specification.

Today's domestic homes are equipped with many different applications and functions. Smart house technology integrates all these applications and functions so that the homeowner can manage and monitor them more easily.

Smart House Planning Tool

The Smart House Planning Tool aims to raise awareness of the different types of smart house solutions available to the customers of electrical contractors and professionals within the domestic electrical sector and to highlight the advantages and simplicity of this smart technology.

The tool is intended for all who are interested in raising or extending their knowledge about smart house technology, including those who are already experts in conventional electrical installations. The tool has a range of different domestic applications, and each has a dropdown menu showing the options available to meet the clients' needs.

The tool has a rating system related to three common criteria:

Comfort, Environment and Safety.

The tool also gives a rating for the whole building in a scale from A to F, where A is the highest rating and F is the lowest.

Smart House Specification


The tool can also be used as a smart house specification checklist, when planning electrical and electronic installations with customers or specifiers. It is a good way to show the customers or specifiers how different technology choices and solutions affect the building rating scores. By using this tool you can be sure that all features of an installation will be defined and that customers and specifiers will be aware of what kind of different solutions they can select and how their choices affect their comfort, environment and safety of their electrical and electronic installations.



How to start using the tool

You find the tool by visiting the website of your national Contractors' Association (see last page of this document) or the AIE's homepage www.aie.eu

Ten steps to plan your smart house:

- 01) Enter the website (see above)
- 02) Log in with your username and password. (If you are a first time user please select "Create new user" to create a new username and password)
- 03) Click on "Create new project", enter your project name and press "Save"
- 04) Start planning your first room by selecting your desired properties and their configuration
- 05) If you are planning more than one room, use the project explorer tree to navigate within the building
- 06) Click on "Building" to navigate to edit general information and configuration of incoming services
- 07) Right click on an element to add, rename or delete any room or area
- 08) Click on an area to enter the area properties and configuration
- 09) Click on any room to plan your desired properties and their configuration
- 10)  Navigate to the top of the building and select "project report" to view the result

When you have opened a room, you can start to select the application by clicking on the name of that system. There, you can select different functions available for that application from the dropdown menu.

At the top of the screen, ratings for each criterion can be viewed and at the right of the screen you can see the respective rating for an entire room.

After you have selected the applications and functions for the whole building, you can save the project.

Click on "project report" to produce the total system rating for the whole building.



The tool is presented to you by AIE represented by your national Contractors' Association and may be found at the following addresses:

EU		AIE	www.aie.eu
BE		FEDELEC	www.fedelec.be
NL		UNETO-VNI	www.uneto-vni.nl
ES	 <small>FEDERACION NACIONAL DE EMPRESARIOS DE INSTALACIONES ELECTRICAS Y TELECOMUNICACIONES DE ESPAÑA</small>	FENIE	www.fenie.es
FI		STUL	www.stul.fi
FR	 <small>FEDERATION FRANCAISE DES INGENIEURS ELECTRICIENS</small>	FFIE	www.ffie.fr
SE		EIO	www.eio.se
NO		NELFO	www.nelfo.no
UK	 <small>Representing the best in electrical engineering and building services</small>	ECA	www.eca.co.uk
GR	 <small>Π.Ο.Σ.Ε.Η.</small>	POSEH	www.poseh.gr
CH	 <small>Ideen verbinden Idées branchées Idee in rete</small>	VSEI	www.vsei.ch

This software tool has been designed and developed by the AIE Home and Building Electronic Systems (HBES) Task Force, for use by AIE member companies.

