New integrated methodology and Tools for Retrofit design towards a next generation of Energy efficient and sustainable buildings and District

Project Overview

Nick Purshouse – Integrated Environmental Solutions (IES)

Horizon 2020 Research and Innovation Framework Programme
H2020-EeB-2015 Innovation Action
• EU Horizon 2020

• Sept 15 to Aug 18

• 13 organisations

• 7 countries

• €4.7 million (EU)
Overall objective - NewTREND wants to:

- develop an integrated design methodology for energy retrofit
- address all phases of the refurbishment process
- develop a toolkit to support each phase from concept design to implementation and operation
- foster collaboration among stakeholders & involve building inhabitants and users
- establish energy performance as a key component of refurbishments
- cover detailed design of one-two buildings taking into account interactions with the surrounding neighbourhood
Demonstration

NewTREND will be validated in:

- Three design projects across Europe: Hungary, Spain, Finland
- Involvement of the design teams across the whole project
- Testing of tools and methodology
Find out more:

newtrend-project.eu