DEEP RETROFITTING (DR)

Standing the challenge of the strategic energy saving potential by improving the existing building stock.

To launch by 2020 100 Deep Retrofitting Sites (DRS) throughout EU and neighbouring countries, with at least 1 site per EU Member State. Of this figure, 50% of the sites should be in cities with <100,000 inhabitants.

WHAT?

A Deep retrofitting site is composed of one or more buildings that undergo transformations permitting a division by three of their energy consumption (CO₂ emissions or to bring them to positive level (+50KWh.m²/year)).

These buildings should be selected among different purposes (housing, offices, commercial spaces...) in order to test and illustrate a variety of solutions.

WHY?

This initiative aims at improving the existing building stock.

This initiative will be led by representatives from Cities proposed by representatives from the construction sector and DRS being rolled-out on preferably central locations in cities.

Stakeholders with various background (companies, cities, consultancies, associations, research organisations) are also participating to the initiative.

WHO?

This Initiative will be led by representatives from Cities (supported by representatives from the construction sector) with DRS being rolled-out on preferably central locations in cities.

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HOW?

An integrated approach towards DRS may be taken focusing on transforming buildings (new built and retrofitted) in order to illustrate advanced materials, Information and Communication Technologies (ICT) with on-site renewable energy production.

Roadmap:

- JAN – DEC 2017: Identification of participating cities and other interested stakeholders (extendable process)
- SEP – DEC 2018: Launch of tenders for public parts and financial engineering of all projects
- JUN 2018 ONWARDS: Works phase
- JUN 2019: Selection and approval of projects
- DEC 2020: Official opening of the EU DRS Network

MANAGEMENT TEAM

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