

BIM

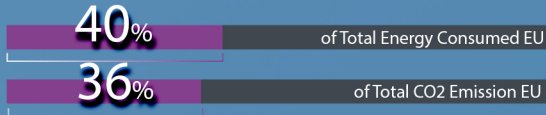
SPEED

#BIMfographic

Harmonized Building Information
Speedway for Energy-Efficient Renovation

PROJECT OVERVIEW

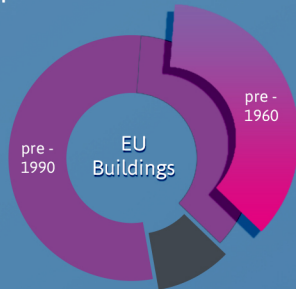
In the EU, building sector accounts for considerable percentage of energy consumption and CO2 emission.



Given the urgency for energy-efficient renovation of residential buildings in the EU, the adoption of **BIM** (Building Information Modelling) can be the catalyst for a smarter and more efficient renovations.

And most of these building stock have reached the age for renovation.

90% of buildings were built before 1990,

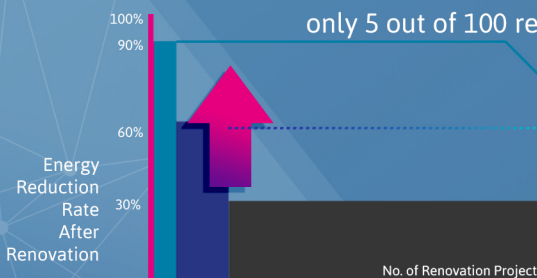


40% of those were built before 1960 without the building **energy performance standard**.

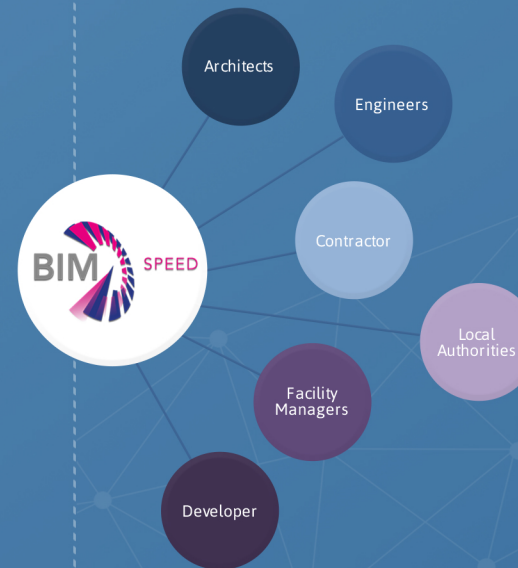
“Minimising the gap between the targeted and realised energy performance of the renovated building”

Even though there is an increasing trend in the renovation market, innovative energy reduction rate seems to be difficult to achieve.

only 5 out of 100 renovation projects accomplished energy reduction of 60% - 90%.



Within BIM-SPEED, we expect **at least 60%** of energy saving while we reduce the renovation time by **30%**.



BIM-SPEED promotes a credible trans-disciplinary approach to a housing renovation market in the EU.

Throughout our project, BIM will be adopted in a cost-effective, flexible and modular way by all key stakeholders as fully represented in the consortium.