RESIZED	Real Empowerment through Small, Innovative Zero-Energy Dwellings

What challenge or problem are you addressing? What is the need for the project?

Large groups in society, such as pensioners, students and refugees, do not benefit from the progress made in energy efficiency technologies and designs. They live in substandard / energy-high / oversized homes.

There is a mismatch between household evolution (downsizing) and housing stock (oversized & inflexible) and its evolution. The traditional building culture does not provide solutions for smaller dwellings. Energy and resources saving solutions are aimed at larger family-homes with higher energy costs and consumption. Small low-energy budget homes have great potential in reducing domestic energy use.

Objective of the project: What your project wants to achieve/change

To show the benefits of smaller, low energy / low cost homes in reducing GHG and energy resources. To investigate the potential of a massive switch in design and construction of homes through innovation in

1) Production, supply & supportive structures
2) Low carbon / resources applications for small houses
3) Approach (quadruple helix)
4) Financing systems

Why do you need transnational cooperation?

To market a sustainable product that appeals to a variety of small household-target-groups (including disadvantaged) in a variety of contexts. We need to:

- Exchange all relevant knowledge, experiences and capacity in NWE houses;
- Combine no-border solutions with local production, supply & support;
- Broaden the analysis and testing market to account for a variety of applications fields, target groups and environments
- Facilitate upscale/ multiply possibilities
- Face financial challenges

What kind or partners are you looking for?

- Regional governments (demonstration)
- Knowledge and research centers (technical solutions for small houses, smart financing and incentive systems/ marketing)
- Investors (public & private) for proto-types, show-houses, setting up test cases

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