

Factsheet

Paris Habitat: 16 light renovations, 12 deep renovations (occupied) + 12 transformations

The demonstration exemplar of Paris Habitat will be realised in the inner circle of Paris (France), including 1 ancient barrack and occupied and unoccupied dwellings from light to deep renovation (chosen among the 5.000 annually). It will showcase the potential for maximisation of reuse of interior components and materials as part of light and deep renovation approaches.

Building on experiences from previous pilot projects, Paris Habitat will develop light and deep dwellings' renovation cases, which in current practice each produce 600 and 750 tonnes of waste and of which in current practise 35% of materials is recycled and 1 – 3 % is reused or upcycled. The aim of Paris Habitat is to double the volume of reuse of interior work components after 48 months compared to current practise.





In doing so, Paris Habitat will further develop its material exchange platform for use with external partners in procurement processes and make it standard practice in their renovation projects, thus leading to a potential reduction of downcycling of at least 1.370 tonnes of materials on annual basis.

The strategy represents a challenge in high density, high demand urban areas in larger European cities. Most of selected homes have been built before the fifties and require refurbishment or require to be transformed into dwellings.

Paris Habitat wants to invest in a new renovation method and show by this sampling method with about 10 demonstration operations/sites, that upcycling of the materials is possible and cost effective. Cooperation with the supply chain, other housing organisations and the City of Paris is vital for the success of this strategy for application for the wider housing stock. Through transnational cooperation, a transferable approach can be developed that can trigger a much more resource efficient renovation process throughout Europe, particularly, but not exclusively useful for social rented housing in metropolitan areas.

Altogether, the demonstration exemplar of Paris Habitat is estimated to prevent 20 tonnes of raw material use as well 50 tonnes of increased material recovery.



Developing transferable strategies for circular construction and renovation of social rented housing, aimed at the prevention of downcycling.

€4 million of ERDF

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Facts

Social housing organisation	Paris Habitat
Project names	Alphonse-Karr, Davout Félix Terrier, Sthrau and Tolbiac-Moulinet
Location	Paris, France
Circular Asset Management Strategy	1A (reuse of materials from demolition on-site)
Used platform	platform Eco Système

16 light renovations, 12 deep renovations (occupied) and 12 transformations in cooperation with: [Ville de Paris](#) and [Backacia](#).

