

## 01 | M4 CO3 A2 R7 T3

### Addressing Housing Challenges in Budapest, Hungary

The current social housing offer in Budapest is inadequate, with a significant lack of dwellings suitable for families. Most available options are single-room flats. Existing buildings are often in poor condition, suffering from issues such as poor insulation, mold, and dampness. Additionally, inefficient energy use and unsustainable lifestyles contribute to significant CO2 emissions. This is a common situation in European capitals. Affordable housing is a social need, and at the same time, the real estate market is driving up housing costs, resulting in apartments that are too small and expensive. Social intervention is necessary, but it must address the current characteristics of society.

The project proposes the construction of multistorey buildings using prefabricated and modular construction techniques. This approach allows for faster, more efficient building processes. The layout of the dwellings will be adapted to the profiles of the inhabitants, ensuring that the housing meets the specific needs of families and other residents. A collaborative process involving the community and stakeholders will be employed to ensure that the design is co-creative and meets the needs of all parties involved. The project will utilize industrialized, circular construction methods to reduce costs and improve affordability. This approach also supports sustainability by minimizing waste and promoting the reuse of materials. The project will implement regenerative practices such as re-using wastewater and rainwater, composting, and re-using bio-waste for urban gardening. These practices will contribute to a more sustainable and environmentally friendly living environment. This case study highlights the innovative solutions proposed to address the challenges of inadequate social housing, emphasizing the importance of sustainable construction, community involvement, and environmental stewardship.

*Source: EESF project, based on [E-Co-Housing - Co-creating a Regenerative Housing Project Together with the Community](#) | UIA - Urban Innovative Actions*



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