

Interreg



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CIRCULAR RENO

From cold to bold: pioneering in circular social housing retrofit

In Clonygowan, a social housing tenant once lived in a cold, drafty home with high energy bills and poor comfort. Like much of Ireland's aging housing stock, it reflected the dual crisis of inefficient homes and rising energy costs.

Through Ireland's first circular retrofit pilot, the house was upgraded with prefabricated low-carbon wall panels, hemp insulation, solar panels, and a heat pump. In weeks, it improved its energy rating, cutting CO₂ by 42%, lowering bills, boosting comfort, and showing a scalable model for social housing.

Lead partner:

Global EnergieSprong Alliance (NL)



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