Archigram’s Plug-in city was a visionary manifesto of new megastructures on top of the existing city. Their trailblazing approach opened the doors to a new way of thinking about architecture and urban planning.

Fifty years later the Plug-in model is scaled down to the building level in a powerful yet realistic concept. New wooden structures are superimposed to existing buildings. The vertical connections (stairwells and HVAC shafts) are organized as independent new elements, hence the Plug-in buildings are fully independent structures, acting as benign parasites to the present city fabric.

The combination of 2 basic modules allows for multiple housing solutions to address contemporary multifaceted needs.

**PURE CLT SYSTEM**

Using only CLT elements limits opening sizes in all facades. A hybrid system using MetsäWood LVL elements frees completely one exterior facade and can reduce slab thickness.

**NEW HYBRID SYSTEM**

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**TYPICAL APARTMENT UNIT: MODULE A+B**

Flexible modular units MetsäWood elements built off-site, assembled on-site

Steel frame to redistribute loads between new and old structures

The modular system allows for multiple and flexible combinations

Possible connection door to the next module

A hybrid system using MetsäWood LVL elements frees completely one exterior facade and can reduce slab thickness.

**MAXIMUM FLOOR-TO-CEILING HEIGHT**

The maximum floor-to-ceiling height of the rooms is 6.9 meters. Wet zones have lower ceilings to accommodate plumbing and mechanical systems.