

news

# Perth Now

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News

## Sea containers in green village mix in WA's first world-class sustainable village

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A green village in Perth could include homes made of sea containers.

Source: Supplied

**A FUTURISTIC green village in Perth could include "crate homes" pod houses created out of sea containers among its affordable housing options.**

Bentley, about 10km from the city centre, will house WA's first world-class sustainable village of more than 1500 homes.

Curtin University researcher Gemma Green, who is completing her PhD on the housing project, said developers were looking to make a new precinct that would be a leader in urban and sustainable design.

The rejuvenation of the Bentley site has already seen the Brownlie Towers, once a brown-brick "vertical ghetto" for social housing, transformed into an over-45s trendy estate.

Some 130 properties have been bulldozed already to make way for 1500 planned homes in the urban super-village with its mix of densities, heights, mainstream, lower-income and social housing.

The project is being managed by the Department of Housing and the City of Canning.

"It is rare that such an opportunity would exist so close to any well-established city around the world," Ms Green said.

"Prefabricated and modular housing, such as the sea containers, would be energy and water efficient."

Ms Green said sea containers had already been used to build a hotel in London.

"Nowadays, many companies are developing high-design sea-container houses that are beautiful," Ms Green said.

"They can also be built in around half the time as conventional housing, and produce much less waste in the construction process.

"These buildings can also have great thermal properties, reducing energy demand, with the potential for a greater percentage to be generated by renewable or low carbon energy sources."

The Bentley Regeneration Project is bounded by Manning Rd, Dumond, Walpole, Pollock, Baldock and Hedley streets in the suburb.

Site works are under way and building construction will start in 2015.

A Department of Housing spokeswoman said plans for the site were still being finalised and further details would be announced in coming weeks.

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