



# Indigenous Plants on Natural Habitat's Greenwalls



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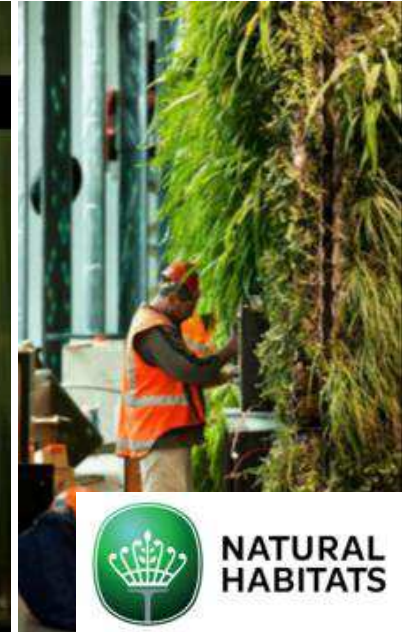
## *Britomart, Auckland*







## *Novotel, Auckland Airport*



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# “EcoPillows”



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# Eco Pillow

unirrigigated, Auckland West Coast



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# Eco Pillow

unirrigigated, Auckland West Coast



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# Wellington Council , 1<sup>st</sup> of 3

Civic Square, coastal exposure



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# Wellington



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# Balclutha



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# Natural Habitats Greenwall System



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# Sansom ; Geyser Building

75 year owning horizon !!!



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# Create indigenous wall in Balclutha

(worlds most southern wall)



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# Desk Work:

- Price
- Contract confirmation
- Weather etc
- Other constraints ?



# Local Research

“What grows there?”

Go see local area, growers  
etc



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# Product Research

“Who grows what?”



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# Plant Pallet Creation Wall Design

**sign off by client**



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# Production

**panels/media**

**propagation**

**media**

**micro flora/fauna start**

**grow in**

**Installation on site**

**establishment**



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# MECHANICAL FUNCTIONALITY

- Polishes grey and/or black water
- “ Vertical Wetlands”
- Improved urban water  
( 6 stars in Australia is waste treated on site)



*Lend Lease Building,  
Melbourne*



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# Vertical wet land / Pond combination

note water quality



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# A WORD OF WARNING

## Light; Maintenance



The DSDHA-designed £1.5 million children's centre opened in 2006, now the wall is dead



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## *Central Park, Sydney*

- 6 Star
- Trigeneration power plant
- On site sewage / grey water treatment
- Heliostat
- Extensive green walls to shroud building
- 6400 m<sup>2</sup> park @ ground level



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# One Central Park now built...



- Landscape is architecture,” declares Nouvel. “Here we have created a continuity so the façades extend the park into the sky
- - Jean Nouvel

# M6B2 Tower of Biodiversity/ Vertical Chameleon



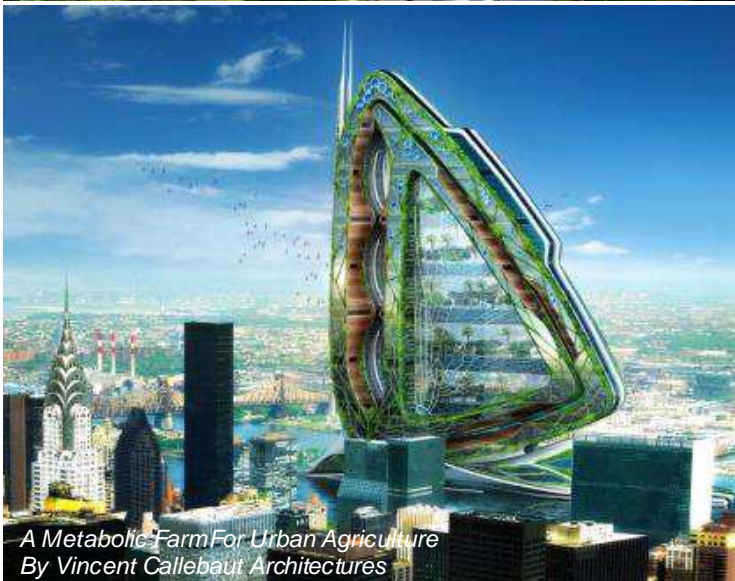
Paris, France: 2015. Titanium cladding. Covered with plants from wild areas, 50 meters high. Vertical city resistance.



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## Dragonfly Skyscraper Farm – an urban agriculture proposal for New York City



*A Metabolic Farm For Urban Agriculture  
By Vincent Callebaut Architectures*



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