

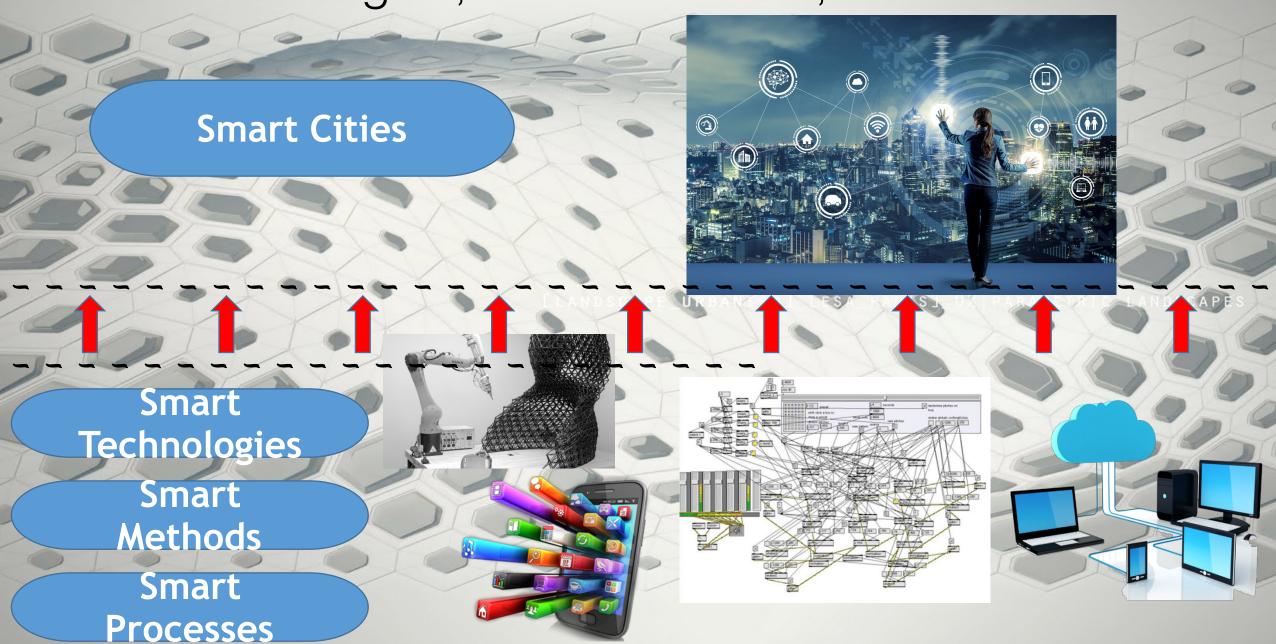
Subjectification of UK and Russian Smart Cities Workshop

Seeding Smart Cities

Adonis Haidar

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Smart Technologies, Smart Methods, Smart Processes

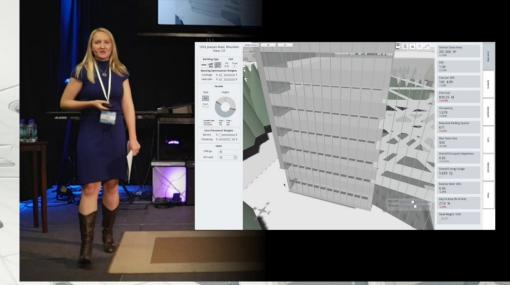


Building Seeds

Volker Mueller (2011)

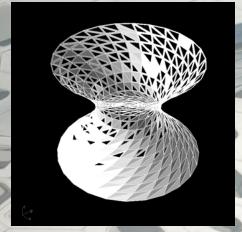
"designers will be able to develop behaviour models with generative capabilities, which will be used to seed' sites, neighbourhoods or cities with germs. The germs will be able to automatically populate sites, neighbourhoods and cities to grow Projects design solutions"



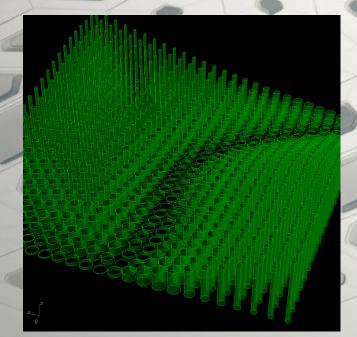


Jen Carlile; co-founder of Outerlabs.io In architecture, each project is designed from the telephing the coce s Inspire fro uneas Seederand

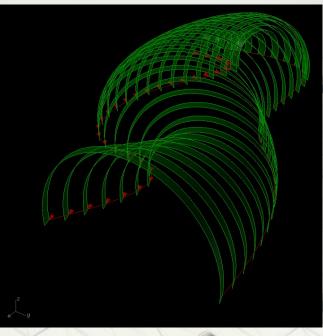
Parametric Design



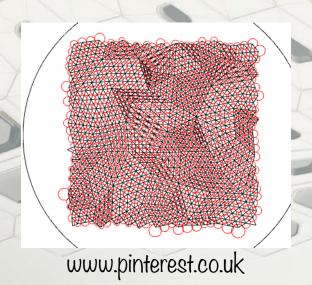
http://parametric-design.blogspot.co.uk

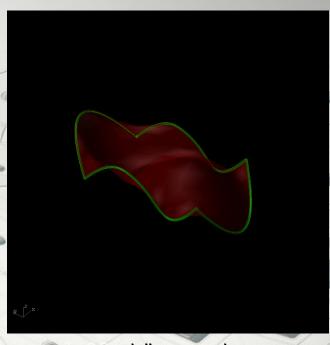


parametricmodelling.wordpress.com

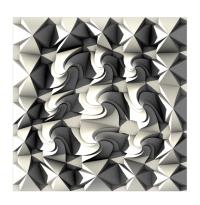


parametricmodelling.wordpress.com



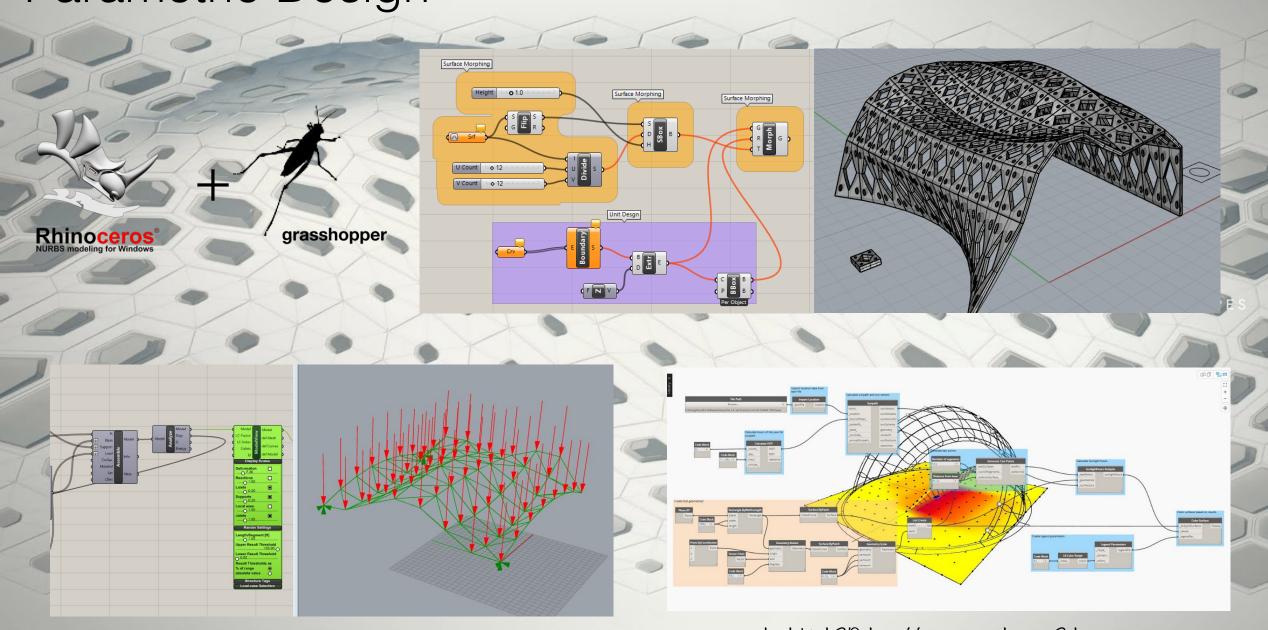


parametricmodelling.wordpress.com APF



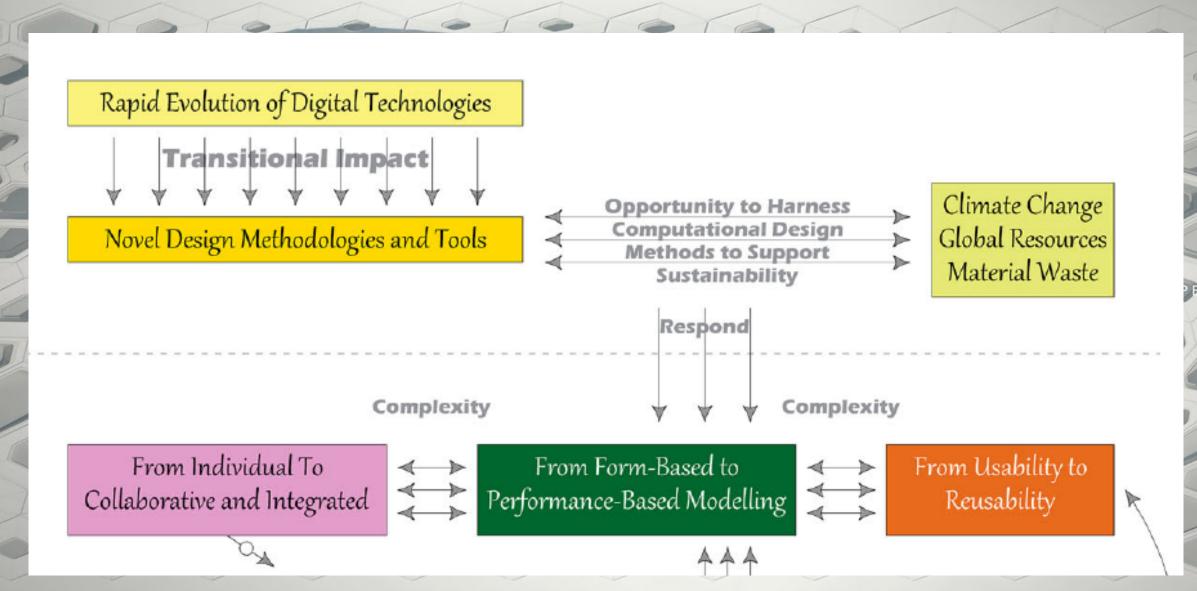
http://www.parametricdesign.net/

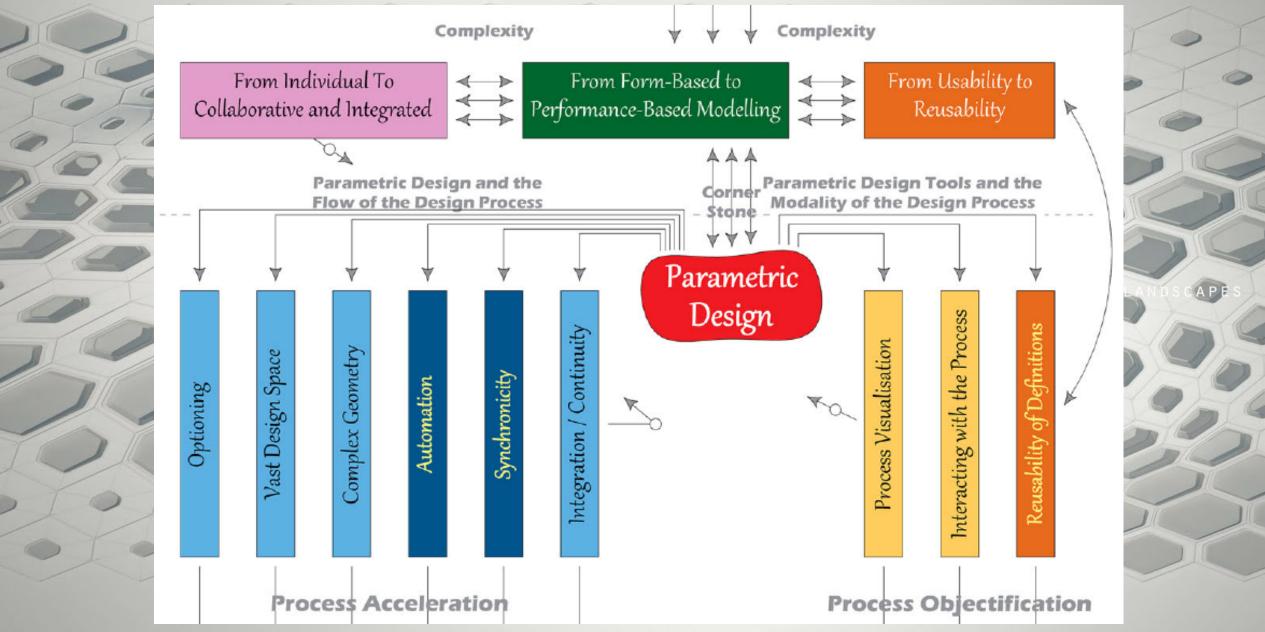
Parametric Design

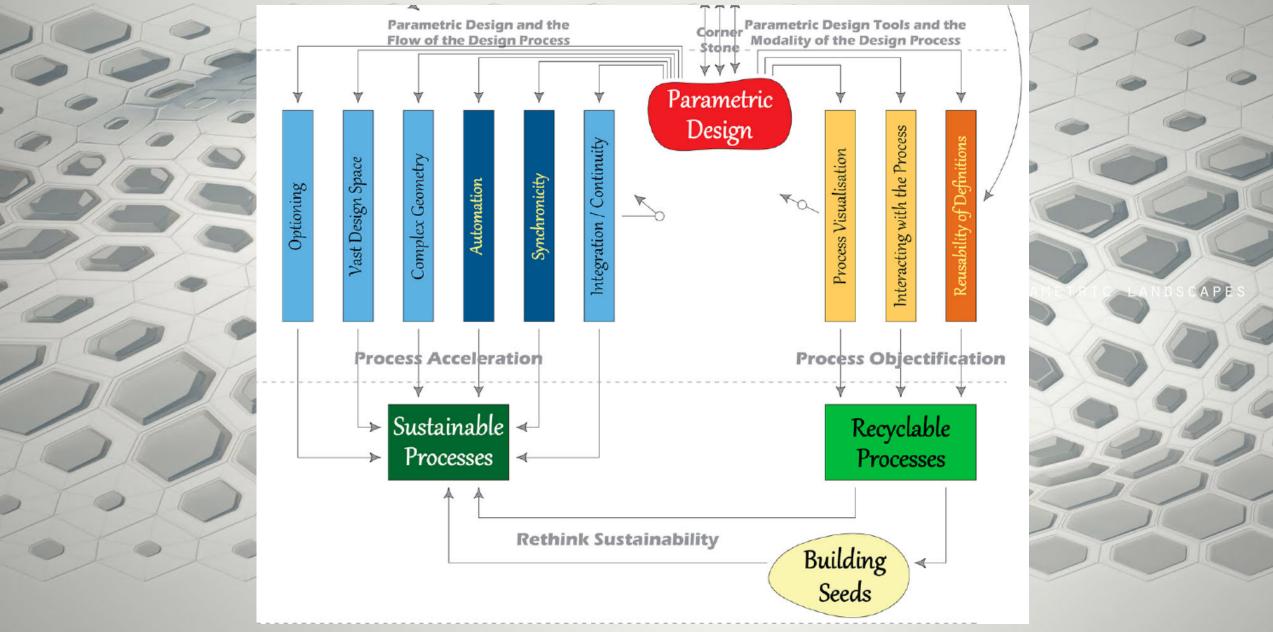


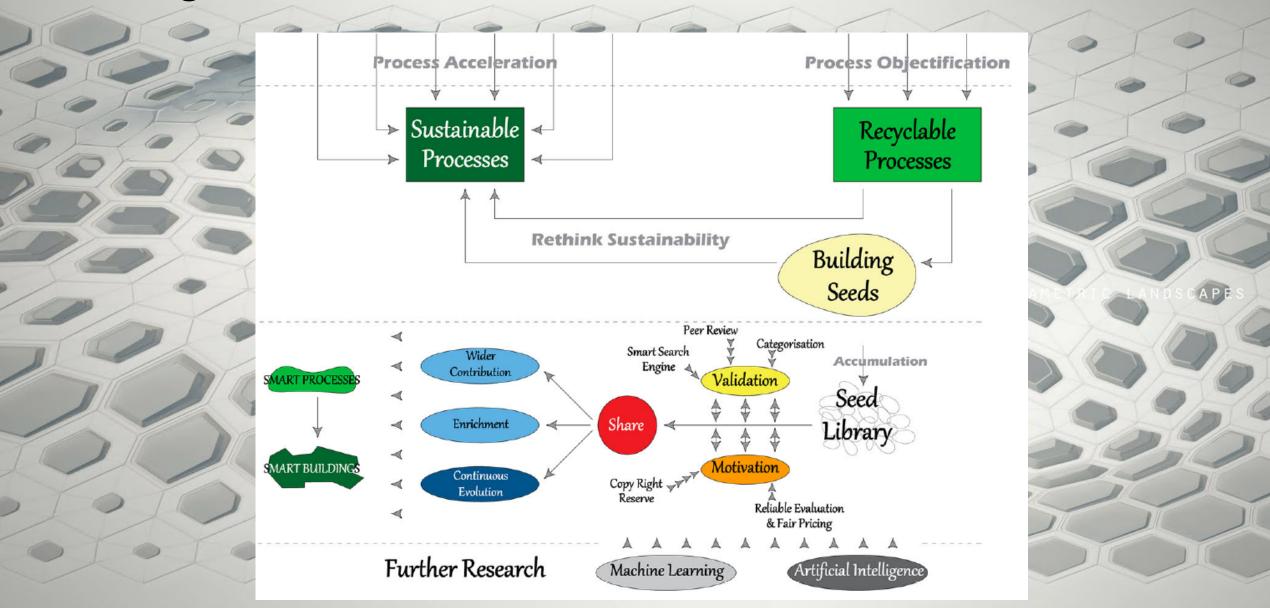
Karamba 3D: http://ming3d.com

Ladybird 3D: http://www.grasshopper3d.com









For More Details

Haidar, A., Underwood, J., & Coates, P. (2019). Smart processes for smart buildings: sustainable processes', recyclable processes' and 'building seeds' in parametric design. Architectural Engineering and Design Management, 1-28.

