

Roosevelt Island, New York, USA

Vital Designs

"Roosevelt Island has been on the forefront of island sustainability throughout our history. We are currently engaged in tidal energy, pneumatic waste management, green buildings and waterfront sustainability projects - island wide. RI is excited to join this network of University and governmental participants as the first overseas affiliate."

*Rosina Abramson,
Vice President of Planning and Inter-Governmental Affairs for the Roosevelt Island Operating Corporation.*

Project description on the island

Roosevelt Island is embarking on an island sustainability feasibility study to identify existing and potential pilot projects that test and demonstrate sustainable and innovative solutions for islands. In this initial stage, the partnership is being built on intellectual capital, not economic investment. As a result of this initial feasibility stage, the partners are gathering and organizing information in order to identify a number of physical projects that might be developed to help advance Cradle to Cradle Island concepts.

Targets of the project

Surrounded by the East River, urban density and bucolic island life combine on this mini-Manhattan. Vital Designs is a roadmap to navigate back to Roosevelt Island's original innovative and sustainable vision.

Innovation and value of the project

By using an online collaboration, remote collaborators were able to gather and share project information, building lasting value for island administration and stimulating sustainable infrastructure development, such as:

- Tidal energy;
- CoGeneration;
- Waterborne transport;
- Pedestrian and bicycle access;
- Pneumatic waste removal.

Start and end date of the project

June 2010 - September 2010

Project leader

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Partners

- Roosevelt Island Operating Corporation
- Academic Affiliations
- Columbia University
- Fordham University
- Delft University of Technology, The Netherlands



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WWW.C2CISLANDS.ORG

WWW.URBANANSWERS.COM

<http://rooseveltislandvitaldesign.wikispaces.com>
(password protected while under development - contact Michael Fishman)



WATER



ENERGY



MATERIALS