OREGON CENTER FOR A REGENERATIVE FUTURE

The Oregon Center for a Regenerative Future is envisioned as a ground-breaking nexus of innovation that will help to build and drive the coming carbon-neutral economy. The Center will be a national engine of change, providing an inspiring, public experience of zero-net-energy / low-carbon living, working and making. It will provide spaces devoted to interdisciplinary research, development, testing and display of the latest innovations in sustainable product design, manufacturing, urban food production, onsite renewable energy generation, and low-carbon shipping, distribution and transportation. Offering an exciting public vision of the economic and ecological benefits of “making the most with the least”, the Center will help to harness the collective creativity of our population to meet the pressing challenges of our time.

SITE / PROGRAM: The site is located in Portland on the Willamette River between the Oregon Museum of Science and Industry and the new Tilikum Crossing Bridge. The approximately 80,000 GSF program (to be confirmed) will include collaborative incubator spaces for companies engaged in sustainable production and manufacturing; publicly accessible tech shops equipped for individual tinkerers and inventors; urban and aquatic farming demonstration gardens; net-zero-energy demonstration systems and environments; and public program spaces to support lectures, conferences, “maker fairs”, and marketplaces of ideas, food and products. A detailed architectural program will be provided.

STUDIO FORMAT: The studio will explore opportunities presented by advanced ecological design strategies to frame meaningful tectonic expression. While knowledge of energy and daylight modeling tools will be expected, the focus will be on fully integrating practical connections to the natural world within a broader investigation of inspiring, purposeful architecture as an agent of positive change. The final presentations will be submitted to the AIA COTE Top Ten for Students Competition.