

# Battery H<sub>2</sub>O - Batteriet H<sub>2</sub>O

## *A Post-Carbon Age Ecosystem* *Carbon-Eftertiden Økosystem*

The Carbon Age is coming to an end. With mankind facing the dire consequences of our carbon based energy system, we are forced to transition to a new human epoch powered by the natural elements of wind, sun and water.

Battery H<sub>2</sub>O is an innovative approach for new green infrastructure projects on industrial waterfront sites. It is a park where people will come to gather, recreate and wander amongst a series of monoliths made from re-purposed oil tanker hulls, a most recognizable symbol of the Carbon age.

The Battery H<sub>2</sub>O park will be a place where nature, mankind and energy will connect in a mutually beneficial symbiotic relationship. Whereas energy production in the past has depended on the flow of carbon from the ground into the atmosphere, the energy production and storage in the Battery H<sub>2</sub>O involves the flow of water to and from Copenhagen Harbor. Water is pumped and stored in the recycled tanker hulls for output through hydro-electric turbines. These turbines provide water features for the residents of Copenhagen to both enjoy and to visualize their energy use through the tangible flow of water. Additionally the system acts as a natural cleansing filter for harbor water. By developing this energy infrastructure as an attraction and park, it gives urban residents a chance to connect with nature and consider mankind's place on the earth. They will be able to stroll through the dunes, boardwalks and tanker hulls while contemplating the flows of energy and water and the end of the Carbon Age.

