



— Harnessing Wind through Nautical Technology —

The three ships are arranged on the site to maximize energy capture from the prevailing winds from the South-West. Further to the wind capture, the ships are also oriented to create a series of soft spatial boundaries at various scales for intimate uses to large collective events. In section, the ships are placed at a consistent top datum, or the *water line* when they were in use, which allows all the sails equal access to the wind flow. While there is no singular ideal wind orientation, the scheme has flexibility in that the direction of the sails can easily be re-rigged daily, weekly, or seasonally to optimally harvest differential wind patterns. Here, we combine the refinement of wind harvesting by centuries worth of empirical research by Danish sailors with a high-tech peizoelectic membranes for the sails.

