

To operate, the three sculptures make use of a channel drilled into the ground that brings hot water to the surface. The water is then mixed with surrounding water from the shallow pool and carbon nanoparticles which reduce the boiling temperature of the water to create steam. Once the steam is harnessed through the turbine, residual steam passes into both an interior steam room and exits outward to create visualizations of the existing forces on the site. Wind patterns and the movement of people simultaneously affect the flow of steam through the site creating a variety of patterns that turn immaterialized flows into visual and sensual experiences for people.

CLOUD, the evocative formation of steam that ebbs and flows over the landscape of Refshaleøen Holding, thus establishes itself as a new landmark in Copenhagen. The steam generated by the sculptures envelops the site and reaches out to surrounding buildings, creating a fluctuating landscape in an otherwise flat terrain. The cloud of steam, visible to people located at surrounding landmarks will intrigue the public and initiate a discussion among the public. The discussion will not only be about the benefits of green energy, but also of how the process can become an intrinsic part of the existing culture in Copenhagen.

