+ the more

the more.

Introducing 'balanced energy', the design seeks for a global challenge in midst of a variety of thematic fields. Evolutional processes and constant changes in every fragment of life on our blue planet demand for constant innovation. Contrasting exuberance and deficiency, redistribution becomes the term for all layers. Rethinking the interconnectivity of sufficiency, consistency and efficiency strategies in sustainability, do we need to position ourselves? What will the future view on renewable energy be like? How can we imagine and influence our landscape and urban environment?

Facing a core aspect of the difficulties with renewable energies – constant inconsistency – the design provides a platform for discussing the integration of storage technologies into the energy grid. LAGI 2014 provides the opportunity to take a look at a future after tomorrow. In between pragmatism and aestheticism we need to draw a linking line. Already today, the European energy grid produces surpluses which have to be alleviated by shutdowns – or less bad: By storage. Let us speed up and go ahead with not only one step, but more.

The overall form is created by the parametric control of 7810 storage pistons reacting to the energetic surpluses by renewable energy production. The charging level is shown and the redistribution of energy leads again to a public space as an initial shape. The 2.0 m grid and the maximum height of 8.0 m have the ability to play with density and proportion triggering an idea of topography and passing zones of different scales.

'Imagine an open space, a clearing in the forest, a levelled city.'

Rem Koolhaas

The piston form is developed by its technical requirements and harbour history and context. Keeping a flat surface if not in motion, all pistons are built in-ground. The lighting design comprises one line of light each facing the western plot boundary as a variable beacon guiding towards the installation. Colour accents with red as one of the Danish national colours set up a numeric impression of the energetic capacity. Each Danish household whose energy demand is completely supplied by the stored energy will be represented by such a red line.

keeping identity

public space

dynamic contour

landscape
parametric control

strong recognition

urbanity

interconnection

landscape
parametric control

initial position

public space

7810

elements storing 14.844,18 litres of
water with a maximum height of 8.0 m