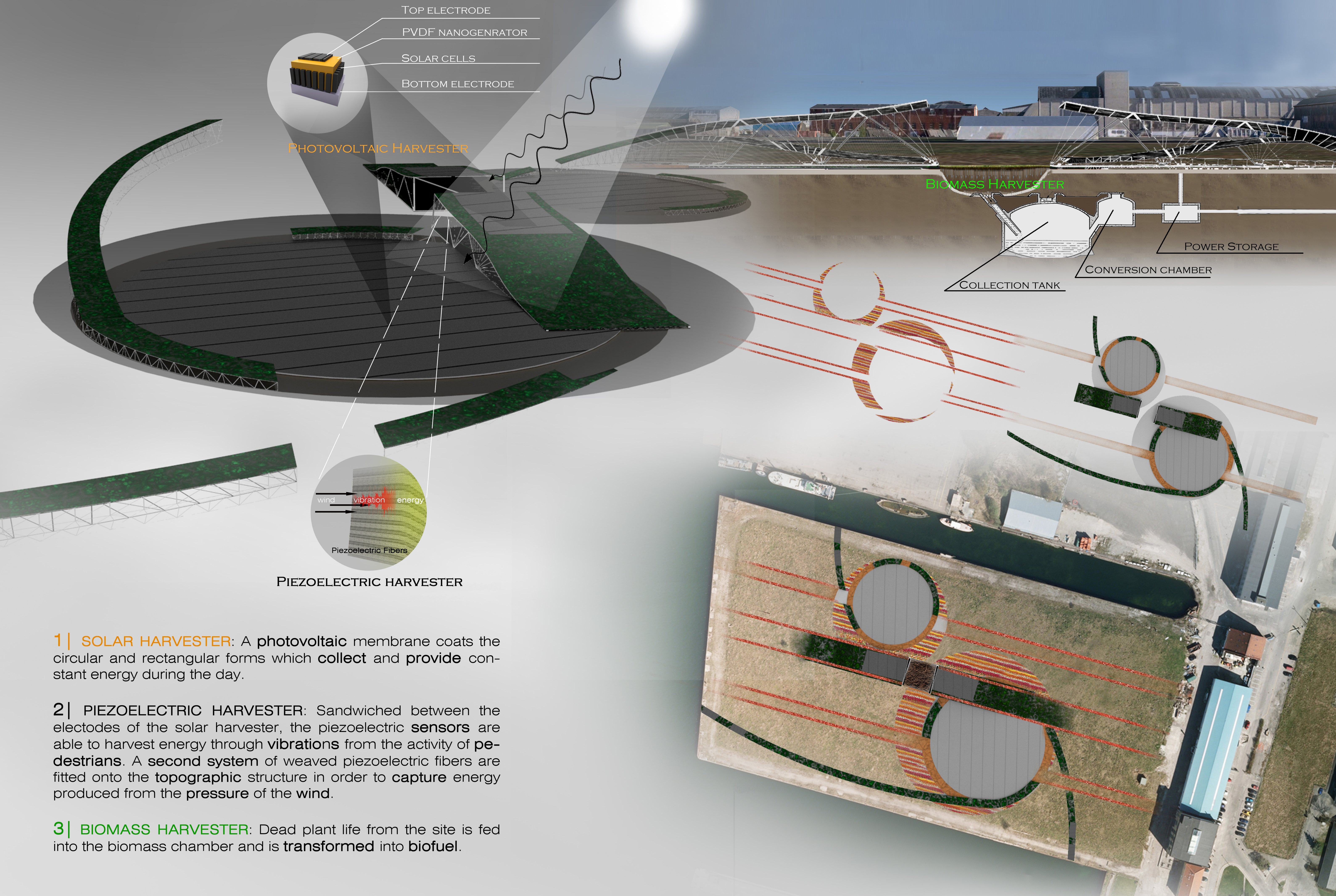


FABRICATION



1 | SOLAR HARVESTER: A **photovoltaic** membrane coats the circular and rectangular forms which **collect** and **provide** constant energy during the day.

2 | PIEZOELECTRIC HARVESTER: Sandwiched between the electrodes of the solar harvester, the piezoelectric **sensors** are able to harvest energy through **vibrations** from the activity of **pe-destrians**. A **second system** of weaved piezoelectric fibers are fitted onto the **topographic** structure in order to **capture** energy produced from the **pressure** of the **wind**.

3 | BIOMASS HARVESTER: Dead plant life from the site is fed into the biomass chamber and is **transformed** into **biofuel**.