

## Annex

### Microbial Home concepts

#### Bio-digester kitchen island



Bio-digester kitchen island is the central hub in the Microbial Home system. It consists of a methane digester which converts bathroom waste solids and vegetable trimmings into methane gas that is used to power a series of functions in the home.

For more information and image downloads please click [here](#)

*Bio-digester kitchen island is one of the concepts that will be shown at the Piet Hein Eek gallery, Strijp-R.*

#### Larder

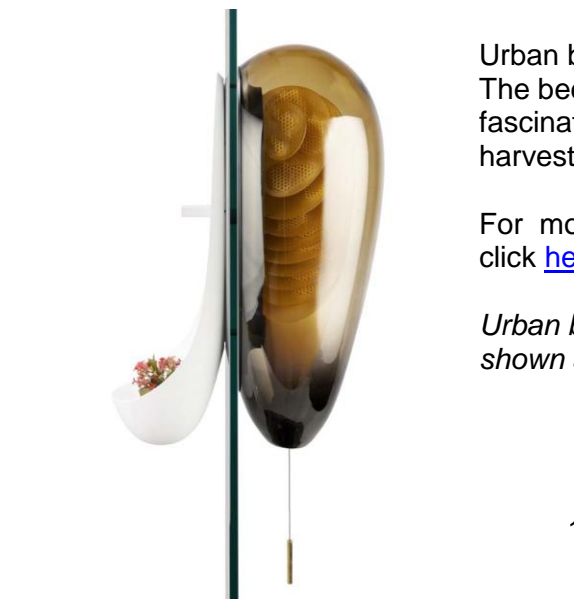


The Larder concept is a system designed to keep 'living food' fresh, by using natural processes (as opposed to dead food in the refrigerator). The larder consists of an evaporative cooler and vegetable storage system built into a dining table.

For more information and image downloads please click [here](#)

*Larder is one of the concepts that will be shown at the Piet Hein Eek gallery, Strijp-R.*

#### Urban beehive

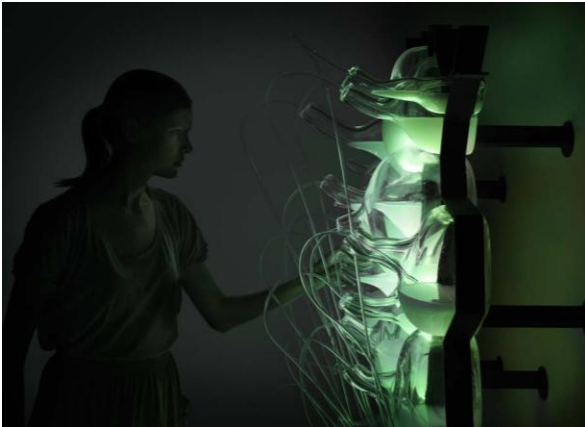


Urban beehive is a concept for keeping bees at home. The beehive is designed to allow us a glimpse into the fascinating world of these industrious creatures and to harvest the honey that they produce.

For more information and image downloads please click [here](#)

*Urban beehive is one of the concepts that will be shown at the Piet Hein Eek gallery, Strijp-R.*

## Bio-light



Bio-light uses different biological technologies to create ambient light effects. The concept explores the use of bioluminescent bacteria, which are fed with methane and composted material (drawn from the methane digester in the Microbial Home system). Alternatively the cellular light array can be filled with fluorescent proteins that emit different frequencies of light.

For more information and image downloads please click [here](#)

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## Paternoster

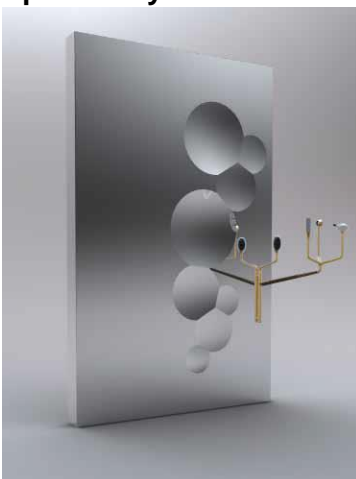


Paternoster plastic waste up-cycler uses mycelium to break down plastic packaging waste.

For more information and image downloads please click [here](#)

*Paternoster is one of the concepts that will be shown at the Piet Hein Eek gallery, Strijp-R.*

## Apothecary



Apothecary is a concept for home-centered health monitoring and diagnosis, with the focus on early warning and prevention of disease.

For more information and downloads please click [here](#)

*Apothecary will not be shown at the Piet Hein Eek gallery*

## Filtering Squatting toilet



The Filtering Squatting toilet is a waste separating toilet that filters effluent while channeling excreta to a methane digester in the Microbial Home system.

For more information and downloads please click [here](#)

*The Filtering Squatting toilet will not be shown at the Piet Hein Eek gallery*