BeeTotems For RefuBees gives bee species a refuge in the cities. BeeTotems are circular, living art objects, filled with flowers, plants and worms.

BeeTotems are located in public space on street corners and squares and hosted by people who live close-by and signed a Bee-covenant. The covenant entails that the hosts are feeding the worms, water the plants and take a photo once a month for social media.

In the town where i live Amsterdam
We are trying to get the bees population higher.
We use BeeTotems.
We have 3 of them:

- 1.Palmgracht / Jordaan
- 2.Da Admiralengracht / Da Costabuurt
- 3.Jan mensplein / WesterdocksEilanden

## Problem:

People who give water do not know how much water is needed People how give food do not know if their are enough wormes

## Water for plants

Temperature constant 25° C sunny - no rain

Temperature constant 20° C sunny - no rain

Temperature constant 15° C sunny - no rain

Temperature constant 10° C sunny - no rain

## **Additional parameters**

3 mm of rainfall in one hour = 1.5 lieter of water

Between 1 November and

15 Mart and below 10° C no water needed

## **Additional parameters**

Between 1 November and

15 Mart and below 5° C worms hibernate a sort of winter sleep