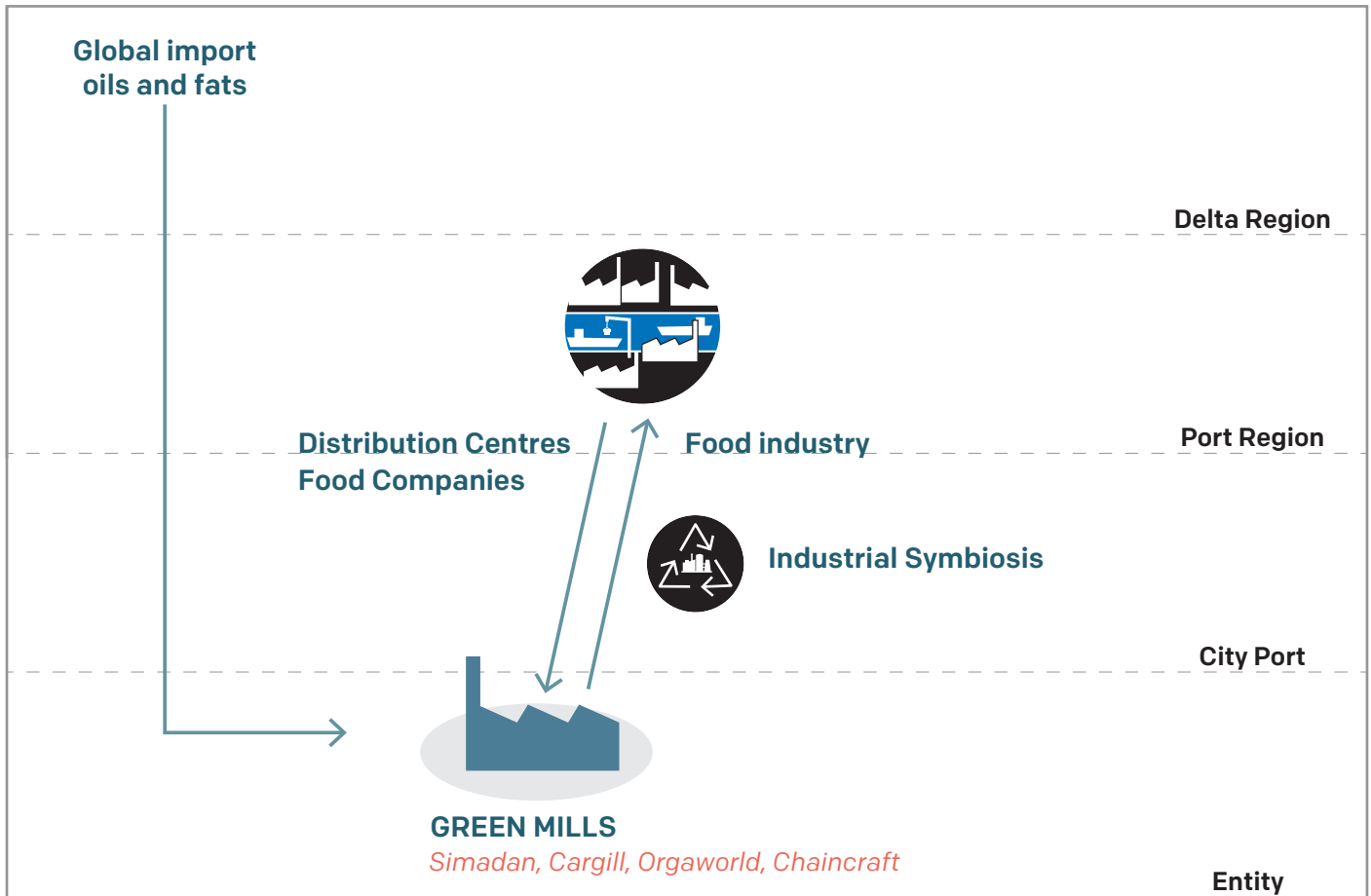
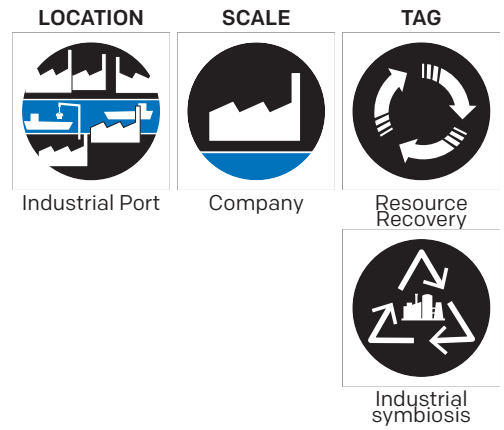


# GREEN MILLS

## AMSTERDAM

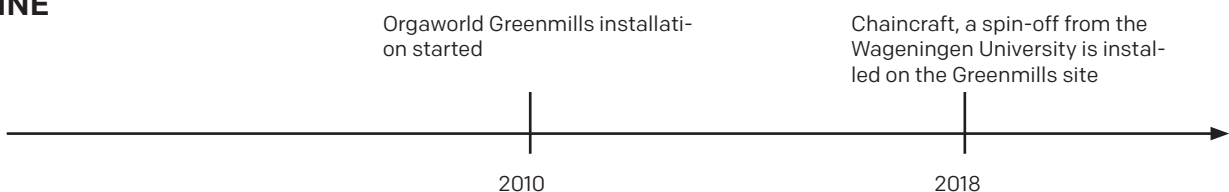
“ Biodiesel is again wanted by European commitments. Both Simadan and the new biodiesel factory on the site of Oiltanking produce second-generation biodiesel from waste.. ”



### INTERRELATIONSHIP

how is the relation with platforms, institutes, companies...

### TIMELINE



## More information



The 'bio cluster' is a high-technological installation where organic wastes are processed into biofuels.

### What happens here?

Green Mills is a processing plant for 2nd generation biofuels that uses residual fats and oils (imported on a global scale), food waste from supermarkets, and grey water as resources. The combination of different treatment processes provides clean water and gas (which provides electricity, heat and steam), and stands in direct contact and exchange with companies Simadan, Cargill and a juice company via pipelines. The digestate is transformed into fertilizers.

### What is the relation with the port?

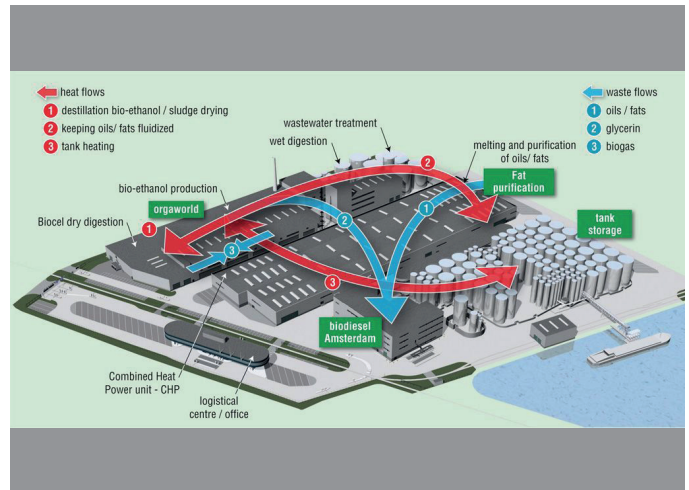
Import of residual fats and oils on a global scale via water. On the scale of the port there's a symbiosis with food companies and distribution centres.

### What is the relation with the city?

Not that significant: the proportion of the input of waste on the city level is marginal, although some supermarkets are involved. The plant produces electricity, also delivered to the city net.

### Sources

<http://www.duurzaamplus.nl/mobiliteit/havenbedrijf-amsterdam-ziet-natuurlijke-rol-in-circulaire-economie/>  
<https://www.ad.nl/amsterdam/nieuwe-eigenaren-voor-bedrijven-in-biodiesel~a8c2f23f/>



Overview of the different flow shared, inside the borders of the plant.

### What are the ambitions?

To offer an alternative to fossil fuels, the port of Amsterdam is strongly committed to these biofuels. But if the scale of input is global, how circular is it?

### Who is behind it?

The plant is run by Orgaworld, and forms a part of the multinational recycling group Renewi. Greenmills relies on two companies, Orgaworld (subsidiary of Shanks) and Simadan, holding company of Rotie and Biodiesel Amsterdam among others.