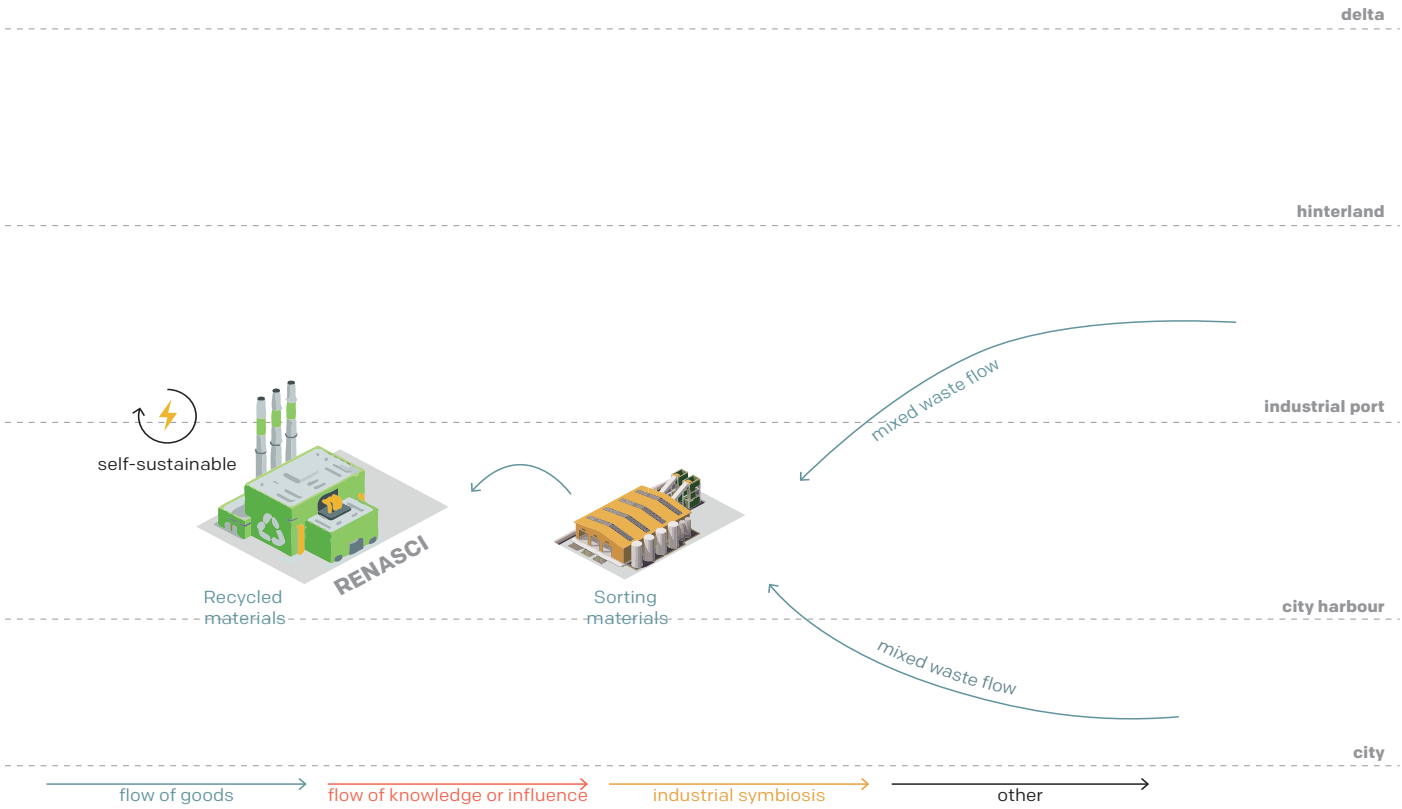
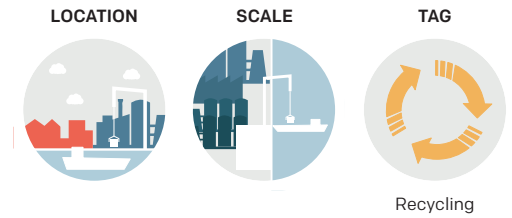


2

RENASCI

Ostend

Recycling all the typology of waste recuperating the maximum amount of energy and secondary raw materials.



What's happening?

How does it happen?

Renasci is a Flemish initiative which introducing a new method for converting waste into energy and raw materials, creating the smallest possible amount of waste. The recycling process recovers 78% of the energy and results in 100% reusable raw materials and immediately usable products. Furthermore, the whole process is energy-independent, recuperating all the energy needed from the waste itself.

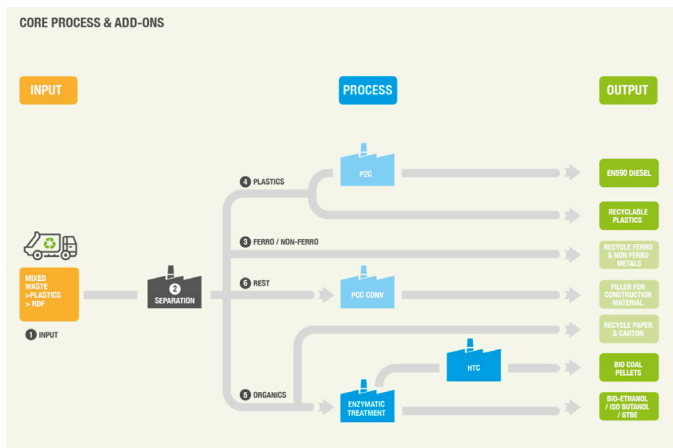
In order to meet the challenge of recovering the maximum of energy and raw materials from waste in an energy-independent manner, Renasci uses existing 'best practices', combined with 'new practices' it has developed itself, in a single integrated process.

This initiative offers recycling solution which respond to the local waste problem, promoting throughout the smart chain processing, a further step in the circular economy of the Ostend port.

Why is this an interesting circular initiative for circular harbours?

The aim of Renasci initiatives is to recycle all the typology of waste recuperating the maximum amount of energy and secondary raw materials. The fact that the Renasci initiatives is based on the local waste flows it is relevant for enhancing the circularity at the local level. Furthermore, the location of the Structure it is also relevant since is in the city port area, and it is creating an interesting connection with the city.

More information



Core recycling process

What is the relation with the port and water?

The recycling implant need for certain steps along the process water. It is relevant the fact that Renasci initiatives, do not produces waste water, since they re-clean the water they use during the recycling process.

What is the relation with the city?

Renasci is collecting the waste from the city in order to recycle them in secondary raw materials and also energy.

What is the timeframe?



Sources

<http://www.renasci.be>



Renasci plant

What are the ambitions?

The ambitions if this initiative fir the future is to produce zero waste going along with the European guidelines planned for 2020, developing also new technologies and strategies to follow the European guidelines for 2025 and 2030.

Who is behind it?

information not found