

BioPort Rotterdam: a crossroads of new and existing routes

In the current transition towards the sustainable supply of both renewable energy and raw materials, the outline of a European biobased economy in Rotterdam is becoming clearer. High-tech scenarios and a strategic market development for sustainable products from renewable resources provide opportunities for successful investing.

There is a considerable increase in the volume and diversity of biomass in the Rotterdam deep sea port for use in the food industry, for high-grade biofuel production, and as fuel for co-firing in power stations that generate sustainable energy. For companies focusing on the biobased economy, this provides interesting opportunities to optimise the value chain of biomass for pharma, food and bio materials.

IDEAL BUSINESS CLIMATE

The Rotterdam infrastructure and the concentration of global industrial corporations in the area provide excellent opportunities for efficiency in utilising energy and raw materials. Joint utilities and product and residual flows from different company clusters

increase returns. Sectors directly profiting from this include the agro and food industries, pharma and (petro)chemical corporations, as well as those active in paper, energy, transport and logistics.

ATTENTION FOR SUSTAINABILITY

Enduring economic prospects can only be offered through the optimal use of renewable resources. That is why companies in the Rotterdam port and industry have chosen to use sustainable biomass flows. A certificate or a declaration of origin will demonstrate that the biomass used is not at the expense of the food supply or bio diversity. Numerous Rotterdam companies have pledged to operate in this way.

Rotterdam is the access gateway for the biobased economy in Europe

- **In logistics:** the largest port in Europe with a strategic location for deep-sea port, inland shipping and coasting shipping, rail network and roads to hinterland Europe
- **In international opportunities:** strategic alliances with companies and suppliers
- **In efficiency:** optimal utilisation of facilities, raw materials and waste streams from companies from various sectors, including CO₂ hub
- **In added value:** bio-refinery with optimal utilisation of raw materials for pharmaceuticals, food, high-tech chemistry, paper and energy/transport
- **In trade:** APX-ENDEX biomass exchange for wood pellets
- **In innovative technology:** prominent scientists with global guidance role for the biobased economy
- **In public-private cooperation:** businesses from various sectors, science and government create new markets
- **In synergy:** more than 45 chemical companies, 5 oil refineries and 14 biobased industrial companies are providing their colleague companies with feedstock and semi-finished products or are using other companies' by-products.