

# 10 Reasons

Why West  
Holland is  
the Hotspot  
for **Biobased**  
**Industry**



Turn the  
page and  
explore!

# 10 Reasons why West Holland is the Hotspot for **Biobased Industry**

Within the biobased economy, few locations in the world have the same favourable location and advantages as West Holland. We hereby present 10 reasons to invest in the Biobased Industry in West Holland, a region which is known for its cluster of companies and research institutes with a strong reputation for knowledge and expertise in the field of industrial biotechnology. Your company could benefit from the ground-breaking research and successful innovations developed in extensive research programs in the Netherlands.

## BUSINESS OPPORTUNITIES

### 1 LEADING IN BIOFUELS

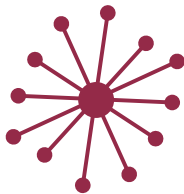
The Port of Rotterdam has a central position in the supply of biofuels throughout Europe. Rotterdam is home to Europe's largest bio-chemical industrial cluster.



**2.500.000**  
ton production capacity

### 2 FEEDSTOCK HUB





Key position and strategic location for import of biomass, with excellent inland logistics.

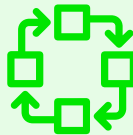


**Local, cost-competitive feedstock:** sugar beets widely available and expected to increase in volume and decrease in costs. Continuous improvement of crop seeds & yields.

### 3 INCREASE YOUR RETURNS

Joint utilities and residual flows from different sectors increase returns.

-  Agro and food
-  Pharma and (petro) chemical
-  Energy
-  Transport and logistics



The Port of Rotterdam offers a high density of suppliers and end-users in the surrounding industrial zone.

## TALENT & KNOWLEDGE

### 4 WORLD CLASS KNOWLEDGE



**Delft University of Technology (TU Delft)** performs research on fermentation, industrial biotechnology and the biobased economy. **BE-Basic** plays a key role in building the biobased economy through focus on the research fields needed for the transition to a biobased economy.



TU Delft  
#1 Dutch university in the field of industrial biotech

### 5 ACCESS TO TALENT

Courses on the latest knowledge in the field of biotechnology:

-  Bioprocess Design
-  Downstream Processing
-  Biocatalysis and Protein Engineering
-  Genomics in Industrial Biotech
-  Environmental Biotech
-  Microbial Physiology
-  Fermentation Technology
-  Metabolomics for Microbial Systems

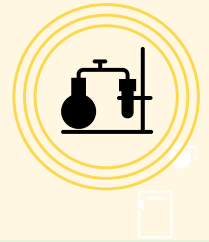


2014 2015



6 TESTING AND PILOTING

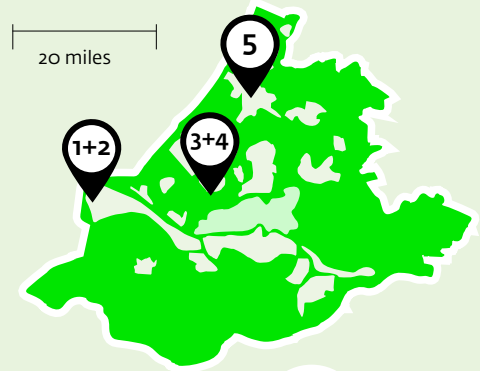
Real-life testing ground and unique open access facilities. Your company can benefit by accelerating innovation and reducing costs through state-of-the-art shared pilot, research and demonstration facilities in the region, with key locations in **Delft (Bioprocess Pilot Facility)** and **Rotterdam (Plant One)**.



7 HOTSPOTS

Top notch locations such as:

1. Port of Rotterdam
2. Maasvlakte 2 'Plug&Play' – wide scope of possibilities for both small and large production
3. YES!Delft Labs
4. Biotech Campus Delft
5. Leiden Bio Science Park



FERTILE GROUND FOR BIOBASED SOLUTIONS

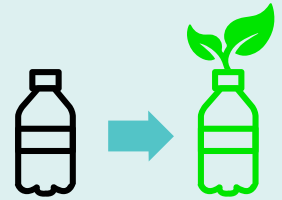


8 TRANSITION TO A BIOBASED ECONOMY

**Biobased Delta:** entrepreneurs, knowledge institutes and government agencies strengthen the front runner position of the region in the biobased economy.

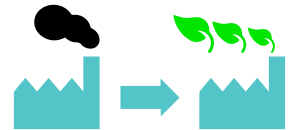
"The biobased economy is expected to contribute € 20 billion. GDP annually within 10 years."

- Ministry of Economic Affairs

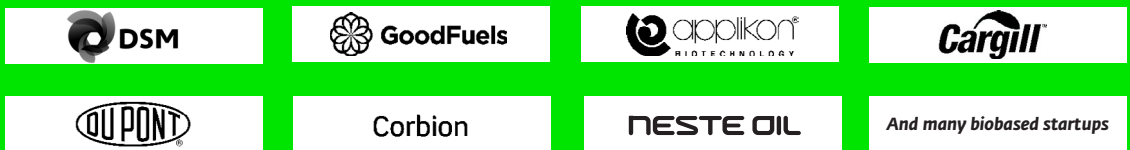


9 STRONG CHEMICAL SECTOR

- The Netherlands is home to **19 OF THE TOP 25** chemical companies worldwide
- Dutch chemical sector accounts for **€ 56 BILLION** turnover/year
- Chemicals account for **17%** of all Dutch exports
- **150** chemical companies in West Holland



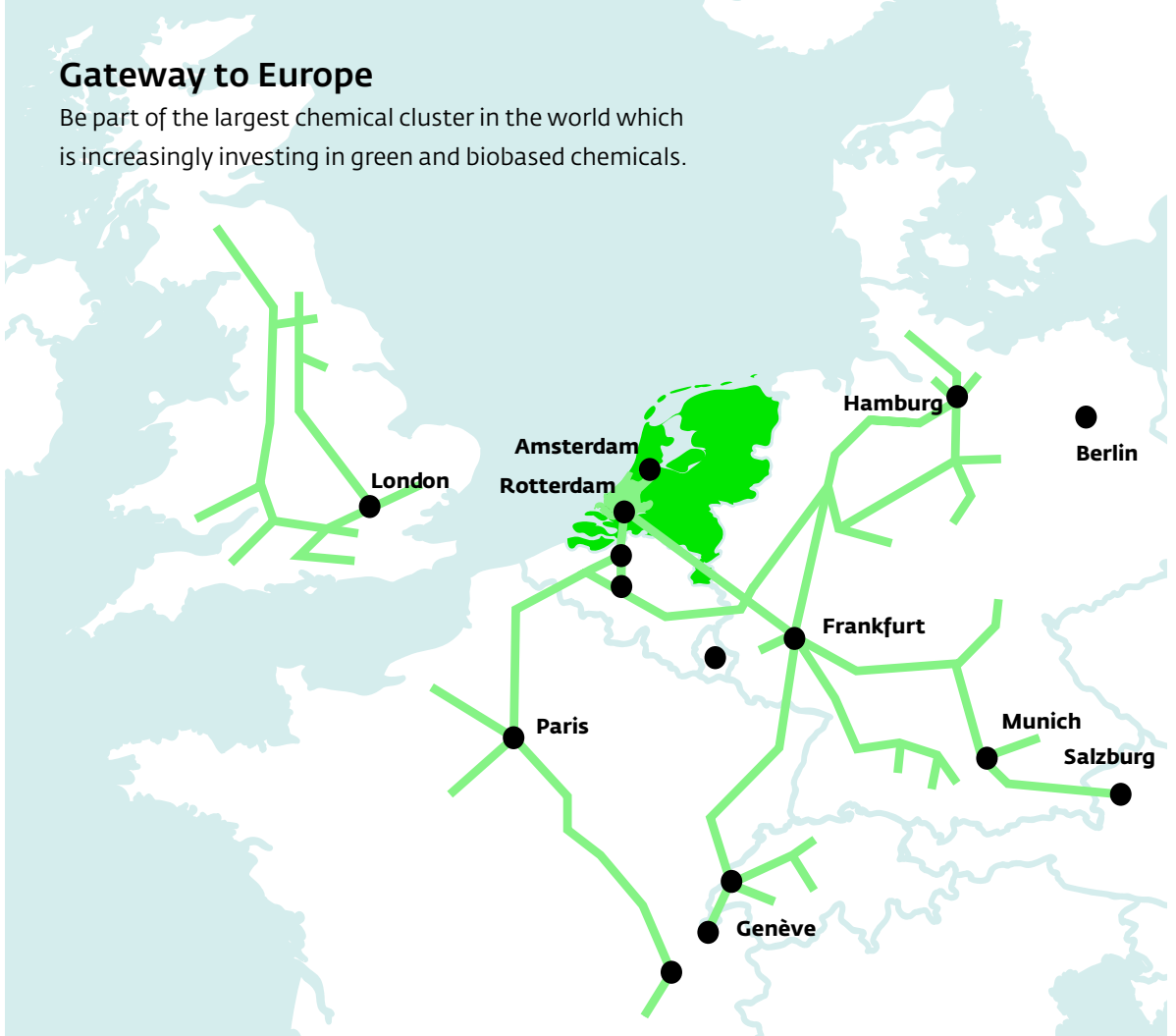
10 LEADING COMPANIES



# West Holland, the Hotspot for Biobased Industry

## Gateway to Europe

Be part of the largest chemical cluster in the world which is increasingly investing in green and biobased chemicals.



*InnovationQuarter is the Economic Development Agency for the West Holland region in the Netherlands. We provide free assistance and advice to international companies looking to locate in West Holland. In addition, we facilitate co-operation between companies, academic institutions and government. Moreover, InnovationQuarter funds innovative and fast-growing businesses.*

## WEST HOLLAND OFFERS YOU

- A strategic location in the heart of Europe
- State-of-the-art business, research and incubation facilities
- Highly educated and multilingual workforce
- Excellent quality of life
- A competitive Dutch tax climate
- Advantageous tax incentives for R&D activities
- A dedicated foreign investments team, offering confidential, free of charge services to international companies

### InnovationQuarter

WTC The Hague

Prinses Margrietplantsoen 32

2595 BR The Hague

The Netherlands

+31 (0)88 - 4747 255

info@innovationquarter.eu

www.innovationquarter.eu



**Innovation  
Quarter**

invest &  
innovate in  
West Holland