

**TOP  
DUTCH**  
Naturally leading  
the transition



# AGRIFOOD



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As a small, densely populated country, the Dutch were driven **to optimize their agricultural yield**, whilst still being committed to sustainable agriculture. Realizing unparalleled yields and becoming the **world's second largest exporter of food**, it may well be the Dutch who will guide the world on how to feed the 10-11 billion people that will inhabit planet Earth by 2040. Gaining **a global leadership position** in agriculture because of their strong focus on input, in the Netherlands we are now expanding our expert position and impact by **maximizing value from output**, creating the **food, bio-based and circular value chains** of the future. **Here, we grow a healthy future.**

**1.**

**Dairy Capital of Europe**

**2.**

**Healthy Ageing  
Capital of Europe**

**3.**

**Feeding a Healthy  
& Sustainable  
Economy**

**4.**

**World Class  
Knowledge  
and R&D  
Communities**

**5.**

**Gateway to  
European market  
& Access to Talent**



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# 1. DAIRY CAPITAL OF EUROPE







# DAIRY CAPITAL OF EUROPE

The TopDutch region is dedicated to building the **most innovative, sustainable, remunerative and animal-friendly** dairy chain in the world.

- Dairy Campus, part of AgriFood university Wageningen (WUR), spurs innovation with education and R&D.
- Our healthy cows produce exceptional nutrient-rich milk.
- We enhance industry performance through smart farming.

## **2. HEALTHY AGEING CAPITAL OF EUROPE**





# HEALTHY AGEING

The Healthy Ageing Capital of Europe, dedicated **to extending the human lifespan with more healthy years.**

- Lifelines research cohort and biobank provides insight into the effects of lifestyle on health.
- Our R&D and innovation communities extract dietary building blocks for advanced nutrition.
- Our dedication to sustainable farming; protecting biodiversity; land, seed and crop quality and circularity keeps our environment, and us, healthy.





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# **3. FEEDING A HEALTHY & SUSTAINABLE ECONOMY**





# SUSTAINABLE ECONOMY

We're dedicated to **feed-linking industries with sustainable building blocks** for a healthy economy and providing nutrients for the protein transition.

- Cross-over with green chemistry and bio-based economy.
- Cross-over with energy.
- Cross-over with digital innovation.
- Cross-over with WaterTech.
- Cross-over with life sciences & health.
- Growing crops for plant-based proteins to accelerate the protein transition.



A photograph of three scientists in a laboratory setting. They are wearing white lab coats with a circular logo on the sleeve. One scientist is using a microscope, while the others look on. The background shows lab equipment and a window.

# **4. WORLD CLASS KNOWLEDGE AND R&D COMMUNITIES**



# KNOWLEDGE AND R&D

- **Research campus locations:**

- Campus Groningen: Healthy Ageing and Zernike Campus
- DairyCampus
- WaterCampus

- **Food innovation communities:**

- Holland Dairy Valley
- PotatoValley
- Carbohydrate Competence Center (CCC)
- Food Circle
- Water Alliance





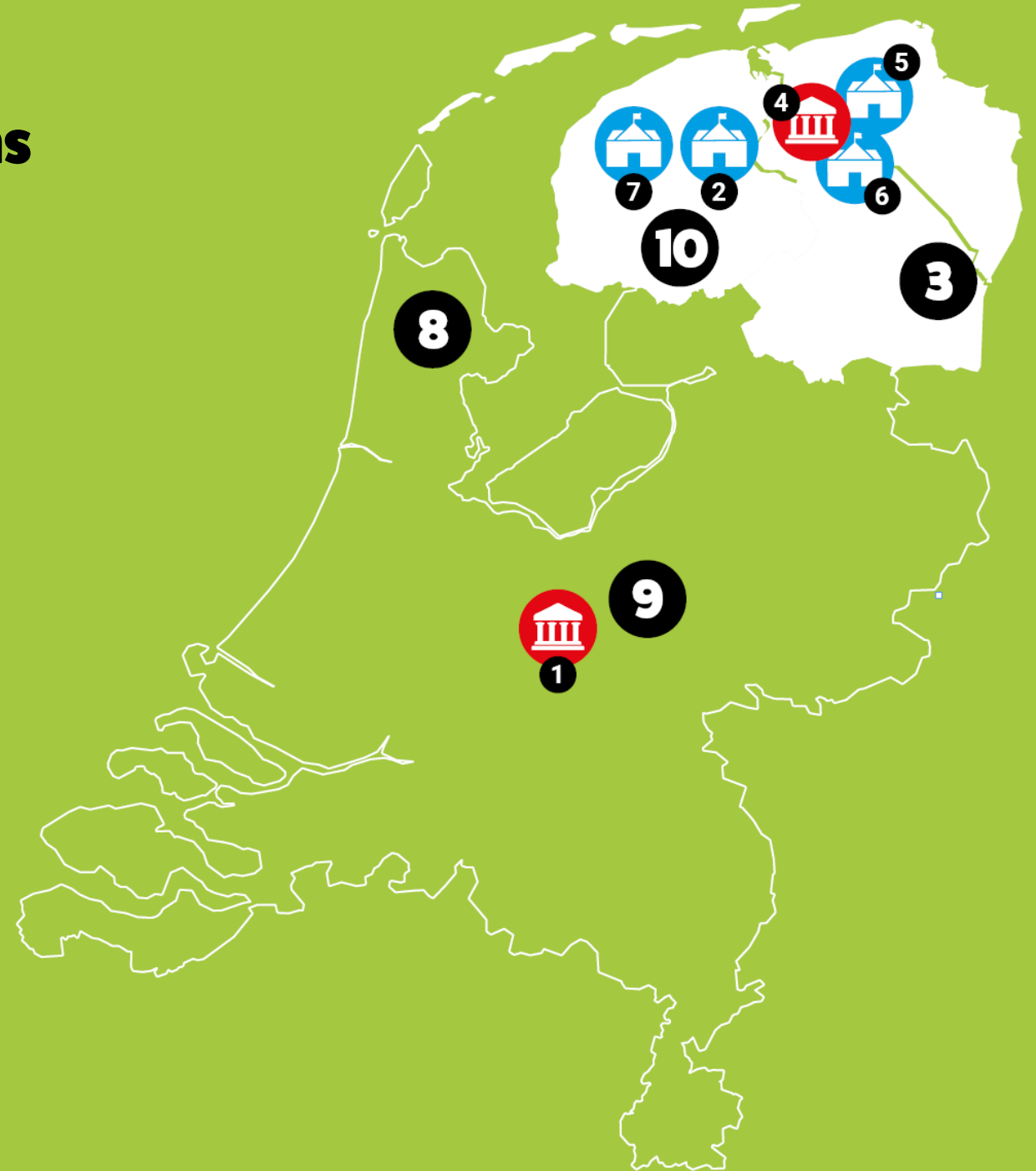
# KNOWLEDGE AND R&D

- **Pilot facilities:**

- Food Application Center for Technology (FACT)
- Innolab AgriFood and Innolab Chemistry
- Zernike Advance Processing (ZAP)
- Zernike Institute for Advanced Materials (ZIAM)

# TopDutch AgriFood key locations

1. Wageningen University & Research
2. Dairy Campus (part of WUR)
3. Field crop test location (part of WUR)
4. University of Groningen
5. Healthy Ageing Campus
6. Zernike Campus (Innolab Food)
7. Water Campus
8. Seed Valley
9. Food Valley
10. Potato Valley





# **5. GATEWAY TO EUROPEAN MARKET & ACCESS TO TALENT**




# EU MARKET & TALENT

The Netherlands is **the ideal gateway to the EU market** and **provides access to AgriFood talent** at all levels.

- Our strong location provides direct access to 244M consumers.
- The Netherlands is the 2nd biggest agricultural exporter globally.
- The TopDutch region provides access to AgriFood talent by providing world-class education at all levels and attracting international talent with our innovation communities.



# CROSS-LINKING CLUSTERS: GREEN CHEMISTRY

A row of six glass test tubes is arranged on a reflective surface against a green background. From left to right, the tubes contain: an empty tube, a yellow liquid, a blue liquid, a brown liquid, an orange liquid, and an empty tube.


- The crops that grow in our agricultural hinterland provide the bio-based economy and our green chemistry ecosystem, Chemport Europe, with an abundance of green building blocks.

# CROSS-LINKING CLUSTERS: DIGITAL INNOVATION



- Cross-linked with our Digital Innovation ecosystem, we develop new technologies such as soil sensor systems and smart dairy farming technologies.

# CROSS-LINKING CLUSTERS: ENERGY



- Our farms have become energy producers instead of energy consumers. Agricultural waste is used as feedstock for green gas and bio-energy.



# CROSS-LINKING CLUSTERS: WATERTECH



- Cross-linked with our WaterTech innovation chain, we develop water recycling and resource recovery solutions for the AgriFood industry.

# CROSS-LINKING CLUSTERS: LIFESCIENCES & HEALTH



- Regional Healthy Ageing and Life Sciences & Health research partners unfold protein structures in food for advanced antibiotics research and research healthy nutrition at our Carbohydrate Competence Center (CCC) and Food Circle.



Are you interested **in exploring what your business possibilities** could be?

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# JOIN TOPDUTCH

Want to find out more **how the TopDutch region is naturally leading the transition?**

Head over to our website: [www.topdutch.com](http://www.topdutch.com)



**TOPDUTCH.com**

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