



Ministry of Agriculture,
Nature and Food Quality

Opportunities for agricultural ('green') education and training in the Netherlands

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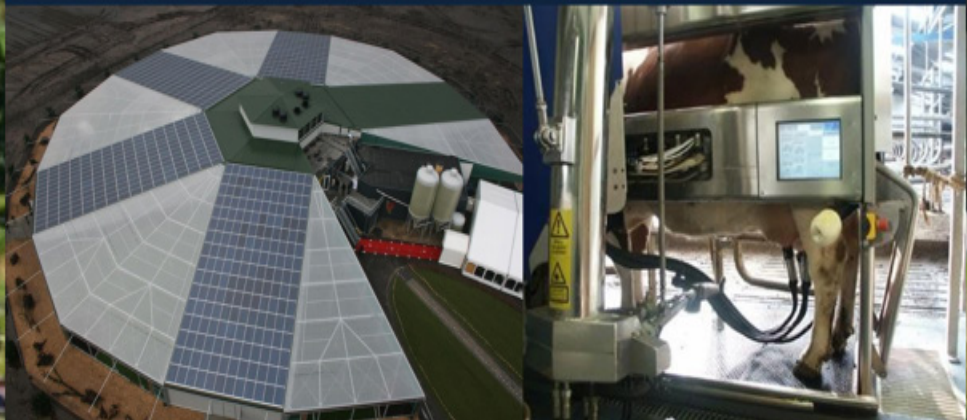
Characteristics of the Dutch 'green' sector and target on the horizon.....

Characteristics of the Dutch 'green' sector

- Dutch farming, horticulture and fisheries are highly innovative and technologically advanced, making our country a global leader in these sectors. The Netherlands is the second largest agricultural exporter in the world.
- Main drivers of this success:
 - continuous attention for innovation
 - collaboration between various knowledge institutions, businesses, civil society organizations, government (Dutch Diamond)
 - continuous attention for a strong 'green' knowledge and education system.
- However, current production methods are not without cost. The Netherlands faces major challenges in the areas of nitrogen, water quality, biodiversity and climate.



The Netherlands





Target on the horizon.....

- **Balanced** agricultural and nature policies that offer good prospects are of great importance in meeting our major challenges.
- Target on the horizon: a resilient agricultural system that operates within the natural boundaries (soil, water, nature, climate) and preferably contributes positively to this.
- Supported by a renewed and strengthened education and knowledge system, facilitated by 'Groenpact' cooperation, a unique PPP of government, knowledge institutions, private sector, civil society. *With an important focus on strengthening the international orientation, positioning and cooperation of Dutch education institutes abroad (acceleration programme on internationalization of Groenpact).*



'Green' education and training (1)



Dutch 'green' education institutes

- 36 Schools for 'green' *pre-vocational education* (VMBO), united in one association
- 9 Institutes for Vocational Education (MBO) – (*pre-vocational education and*) *secondary vocational education and practice oriented research*
- 4 Universities of Applied Sciences (HBO) – *higher professional education and practice oriented research*
- Wageningen University and Research (WUR) - *research oriented education, fundamental and applied research*

Other expertise centres / training institutes (a.o.)

- Dairy Training Centre
- Hortitech
- Delphy



'Green' education and training (2)

groerpact



Characteristics of Dutch 'green' education

- **Strong cooperation** with private sector, societal organizations and government. Working together in the '**Groenpact**' PPP
- Fruitful collaboration **between all education levels** (VET schools, universities of applied sciences, WUR), also in terms of management / governance
- Focus on **entrepreneurship** (with the ability to translate technical expertise into business opportunities)
- Strong **international orientation**



Opportunities for education and training in the Netherlands (1)



Bachelor programmes (4 years)

- Animal Sciences (WUR)
- Horticulture and Business Management (HAS green academy University of Applied Sciences)
- International Food and Agribusiness (HAS green academy University of Applied Sciences)
- Animal Husbandry (VHL University of Applied Sciences)

Other / MBA (2 years)

- Executive MBA in Food and Agribusiness (TIAS and WUR)

For more information / contact see:

[Bachelor's programmes – WUR](#)

[Bachelors and more \(has.nl\)](#)

[Study - Bachelor - vhluas.com](#)

[Executive MBA Food & Agribusiness | TIAS Business School](#)



Opportunities for education and training in the Netherlands (2)



Short courses / training

Plant breeding and indoor farming at HAS green academy University of Applied Sciences (a.o.)

- Managing a vertical farm
- Plant breeding and physiology
- Growing without daylight
- Plant breeding for non-breeders
- Teach the teacher

Agri-food technology at VHL University of Applied Sciences

- Food and dairy technology

For more information and contact:

[Business courses \(has.nl\)](https://www.has.nl)

[Study - Certificate - vhluas.com](https://www.vhluas.com)



Opportunities for education and training in the Netherlands (3)



Short courses / training

Animal husbandry at Aeres - ATCI (4 – 39 weeks)

- Milk processing and entrepreneurship
- Applied pig management
- Applied poultry management
- Feed production
- International poultry management and feed production
- Food quality, food safety and outbreak management
- Training and extension

For more information and contact:
[Aeres Training Centre International](#)



Opportunities for education and training in the Netherlands (4)



Short courses / training

Dairy: at Dairy Training Centre

- Hooftrim course
- Dairy farm management
- Milk processing, yoghurt making
- Milk processing, cheese production
- Basic dairy farm management (also online)
- Basic milk processing

Food and flowers: at Delphy

- Fertigation in horticulture
- Greenhouse management high-tech cultivation
- Greenhouse soft fruit cultivation
- Tree nursing practices and management

For more information and contact:

[Dairy Training Centre](#)

[Trainingen Archief - Delphy](#)



Opportunities for education and training in the Netherlands (5)



Short courses / training

Horticulture: at HortiTech

- Different *tailormade* training programs, in the following categories:
 - **Technology** - involving subjects such as greenhouse construction, climate control, crop systems, irrigation, heating and cooling, lighting, etc.
 - **Growing** - involving subjects such as plant physiology, crop assessment, pests and diseases, crop protection, water and nutrition, etc.
 - **Businesses** - involving subjects such as planning, labor management, financial management, marketing and sales, chain management, management skills, etc.

For more information and contact:

www.horti-tech.com

Thank you very much for your attention and welcome to the Netherlands!



Please note that almost all Dutch 'green' education institutes also offer / develop tailor-made training courses upon request!



Questions and further information?



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