

# Meeting of the SWG SCAR AKIS Strategic Working Group on Agricultural Knowledge and Innovation Systems

## The role of education and training in the EU AKIS

**Webinar**

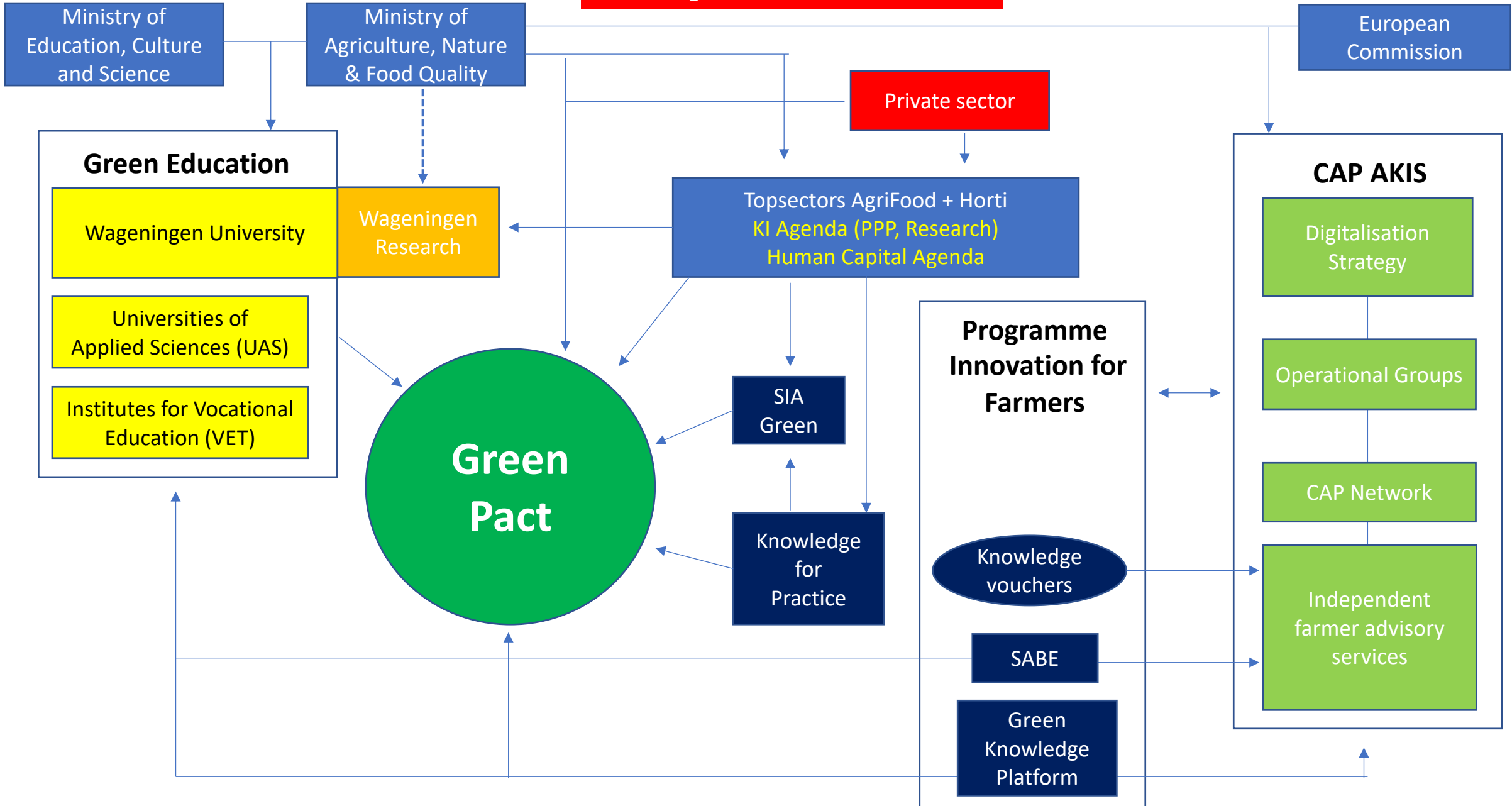
**20/1/2021**

**Member State: NL**

**SCAR**  
Standing Committee  
on Agricultural Research



**Knowledge and Innovation for Farmers**



# Dutch Green Education in a nutshell

## Facts & Figures Green education in the Netherlands

### Education institutes (ca. 50)

- ✓ 1 Life Science University, Wageningen University & Research (BSc, MSc, PhD)
- ✓ 4 Universities of Applied Sciences (UAS), higher vocational education (mostly BSc): HAS Hogeschool, Hogeschool Aeres, Hogeschool VHL, Hogeschool Inholland
- ✓ 12 VE-institutes (pre- and vocational education) plus 34 pre-vocational schools

### Numbers of students (ca. 80.000)

- ✓ Pre-vocational: 35.000 (=3,5% of total)
- ✓ Secondary vocational education: 22.600 students (= 4,5%)
- ✓ Higher vocational education: 12.500 students (= 2,7%)
- ✓ University education 12.000 students (= 3,9%)

### Number of locations (ca. 150)

### Funding

- ✓ Ministry of Education (2018), ca. 765 mln annually
- ✓ Greenpact, tripartite >15 mln annually



# Green Pact, for a Greener world

[www.groenpact.nl](http://www.groenpact.nl)

National Stakeholder Platform  
& Coordinating Board (> 40 organizations)

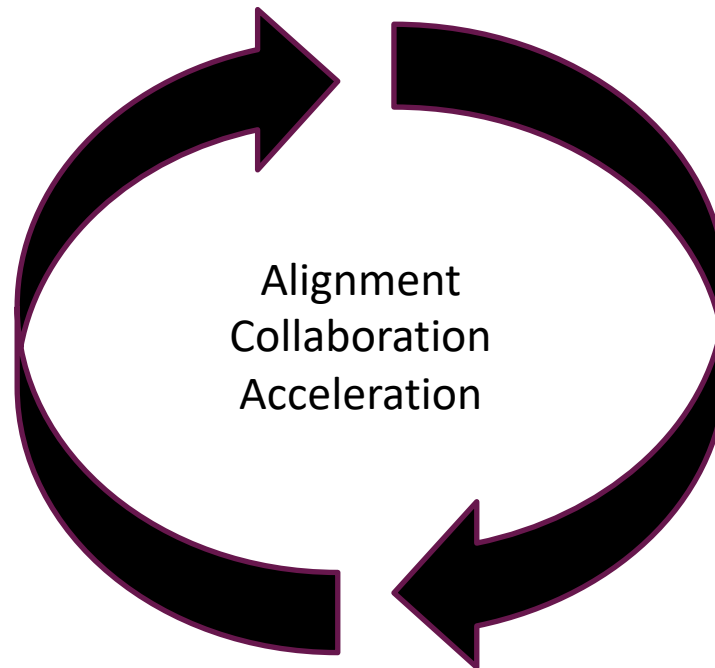
## Platform

Coordinating Team  
+ support unit

## Acceleration

Accelerator programmes:

1. Labour
2. Knowledge Exchange
3. Internationalisation
4. Digitalisation



For Impact-Oriented Green Education

## Infra-structure

Centre of Innovative Craftmanship  
(∞ Green VET)

Centre of Expertise  
(∞ Green UAS)

Knowledge Transfer  
WUR Science Groups

## Thematic

Arrangements for  
Innovation in practice



# Green Pact, examples

- **Labour**

Green Skills, Green Worlds, Green Monitor

-> supporting dialogue

- **Knowledge Transfer**

Digital Green Knowledge Platform ->  
national, interactive platform

- **Internationalisation**

Borderles Network -> capacity

building fundament to peace & stability

- **Digitalisation**

Fieldlab Precision Farming -> Experimental Garden



- **Infrastructure**

Centre of Expertise, Centre for Innovative Craftmanship ->  
Strengthening UAS knowledge clusters and VET (regional) meetingpoints

- **Arrangements**

SIA Green -> Thematic applied research UAS, VET

## Invitation

European visitation / benchmark impact-oriented green education ! ? 5

# Links Education and AKIS: Knowledge for Practice

- KfP programme Started in 2020, integrating the previous programme WURKS (2008-2019)
- Objective:
  - practical implementation of Wageningen Research knowledge for current and future farmers
  - for education - development of new education material, new curricula, courses, lectures, etc.
- Minimally 2 private businesses/organisations should be involved
- Budget: 3 mln. € p/y, 1/3d own cofinancing from project partners
  - 400 € p/y allocated for practical research by green universities of applied science
- July call: 10 projects were granted in September 2020 – in 7 projects green education was involved

# Links Education and AKIS: SABE

- Objective: to enhance learning in sustainable agriculture and farming
- Budget: 45 mln. € for the years 2020 – 2024 for a.o. vouchers and project subsidies
- Topics:
  - Source-based reduction of ammonia, nitrate and phosphate emissions in soil, water and air
  - Sustainable soil and (ground) water management in peat meadows
  - Transfer of knowledge from and for arable farms
  - Other topics for sustainable agriculture
- Three possibilities:
  1. Advice or a course for farmers
  2. Advisory course/training to become a nitrogen coach
  3. Projects on collaborative learning for groups of farmers

# Some examples of connecting education with CAP

- Aeres hogeschool:
  - <https://projecten.netwerkplatteland.nl/nl/project/data-boeren>
- Amsterdam Green Campus:
  - <https://amsterdamgreencampus.nl/new/pop-3-projecten-in-cruciale-fase-van-ontwikkeling/> :
  - <https://projecten.netwerkplatteland.nl/nl/project/precisie-technologische-ontwikkeling-poot aardappelen-pop>
  - <https://projecten.netwerkplatteland.nl/nl/project/valorisatie-restromen-groente-en-fruit-biorefinery>
  - <https://projecten.netwerkplatteland.nl/nl/project/next-level-sierteeltveredeling>



**Thank you for your  
attention!  
and for your active participation  
and commitment!**

