

Innovating Higher Education for Sustainable Food Production

Nuffic
meet the world



9th International Skills Forum – Innovation Market Place
Transforming Higher Education

The Netherlands & Agriculture in Asia: Context



- Netherlands - second largest agri-exporter worldwide: EUR 100 billion in 2020
- Netherlands large investor in agriculture in Asia, region with great needs and opportunities for agriculture development
- Extensive – Netherlands Higher Education involvement in Agriculture, at all levels of the Education Column - from fundamental research to TVET
- Strong focus on sustainable food production – circular economy – as a contribution to achieving the SDGs
- Higher Education in Agriculture not a single domain: Interdisciplinary research – whole production chain - multi-stakeholder engagement – co-creation

International Orange Knowledge Programme Nuffic

- Facilitation of the digital transition and capacity development of local knowledge institutions in partner countries – fostering broader knowledge agenda
- More than 330 projects - 50% in food and nutrition security – transformational & system change
- Cooperation with 80 knowledge institutes in current OKP programme
- 75.000 alumni
- In 50% of the institutional projects there is a type of collaboration with technical vocational and training – practical 21st century skills increase



The Netherlands & Agriculture: Innovating Higher Education

- Innovations in Higher Education in Agriculture are around interfaces between different stakeholders

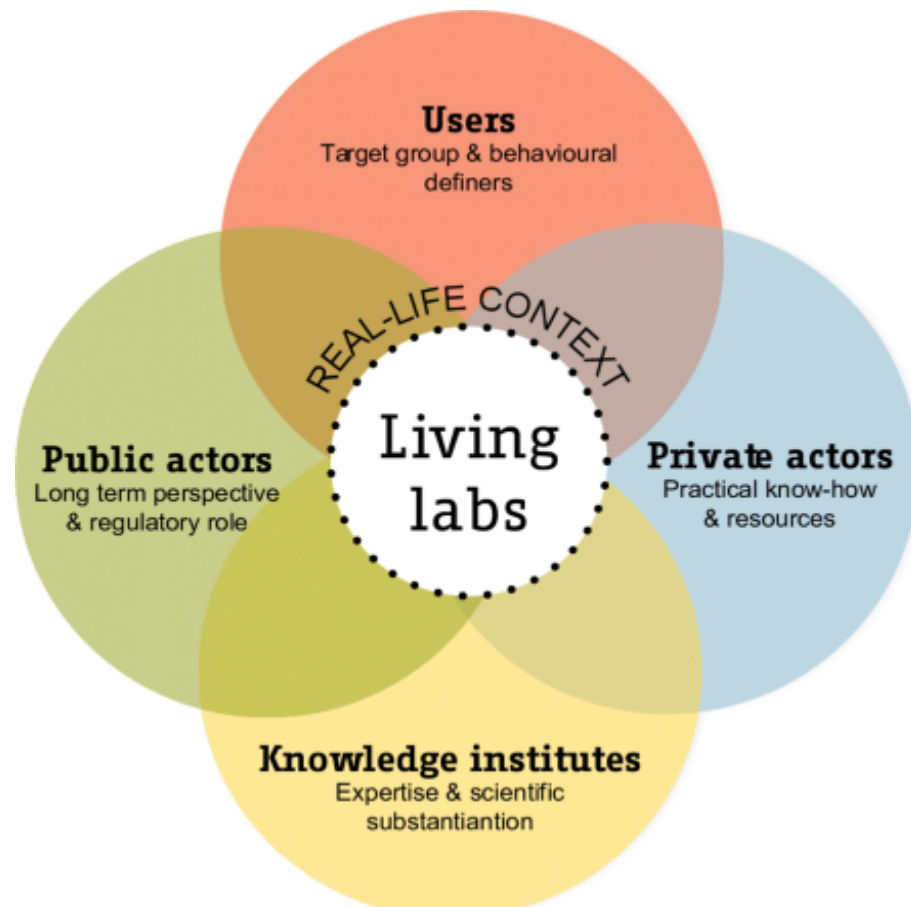
- Close links between education, business and government

- Demand driven higher education – close to labour market

- Short case-descriptions in our presentation exemplify this approach

- A learning agenda based on business needs (Living Lab) – Improving institutional collaboration between different levels of education – a campaign to involve youth in agriculture





Living Lab: a concept for co-creation

A Living Lab brings together government, industry, education and research to identify needs and turn ideas to innovative prototypes with social impact.

Groups of students from Indonesia and the Netherlands will work together to solve questions of companies/investors that have an interest to invest in sustainable tourism around Lake Toba.

Mid 2021, the Living Lab will issue an expression of interest to generate these questions from private actors, to ensure an optimal connection to the market.

Link to Dutch Trade Mission to SUMUT, April – October 2021

Tap into the NL Alumni Network

The Living Lab will strategically engage Indonesians who have studied in the Netherlands, NL alumni, in particular in North Sumatra, to create awareness, strengthen the network and support professional development.



Orange Knowledge Programme - Vietnam

Saxion – NEU Draw-Down project

Strengthening capacity of training and research on climate change for sustainable water (re)use, disaster risk management and high-value food production

Aims to modernizing and internationalizing the climate change and water-food economics course in Vietnam

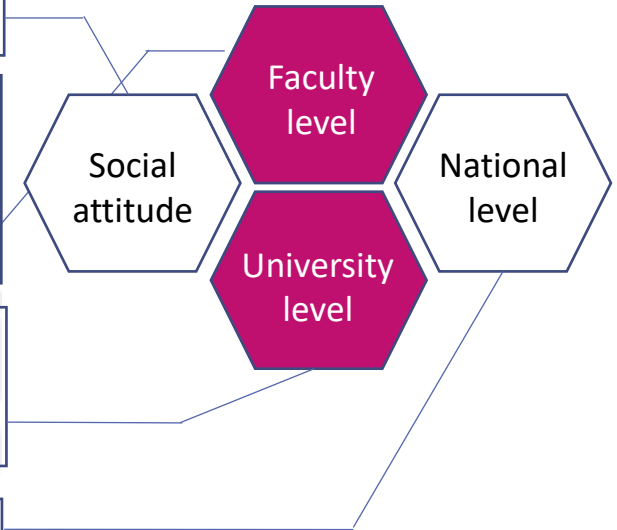


Orange Knowledge Programme - Vietnam

Saxion – NEU Draw-Down project

Impact of improved education in support of climate adaptation

- ❖ Change mindset of students, parents & employee seekers
- ❖ Shift theory-based education to education that combines theory and practical application (e.g. case study, internship)
- ❖ Meet the needs of the labour market in terms of both knowledge and skills
- ❖ Design curricula in line with POHE with focus on applied research and labour market
- ❖ Establishment of advance education center following POHE model
- ❖ The recognition of higher education system towards professional education



#EmpowerYouth4Food Campaign

www.empower-youth4food.com

Launched on 22 April 2021

- to improve the reputation of agriculture education and employment among youth in Southeast Asia and Bangladesh
- to inspire youth to become more involved and shape the future for sustainable agriculture



#EmpowerYouth4Food Campaign

Building Blocks



Webinar



Storytelling



Changemaker Challenge

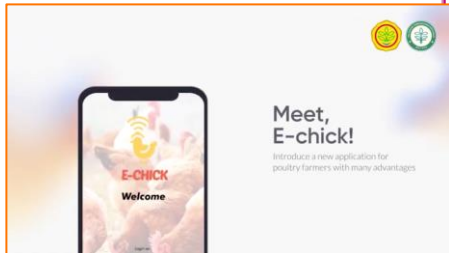


Career opportunities

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“ I am really inspired to develop myself, together with a knowledgeable and flexible organisation, and make a contribution to the sustainable future of food in my home country and beyond.

Emily Thuy – Vietnam
Alumna of International Business Administration at Erasmus University in the Netherlands; Business Development Manager Asia – de Heus



**06
NOVEMBER
2021**

#EMPOWERYOUTH4FOOD
www.empower-youth4food.com

**VIRTUAL SOUTHEAST ASIA
CAREER FAIR 2021**

Q & A

Interested to know more? Please contact us

Peter van Tuijl: peter.vantuijl@nesoindonesia.or.id

Anasthasia Rosye: Anasthasia.Rosye@nesoindonesia.or.id

