

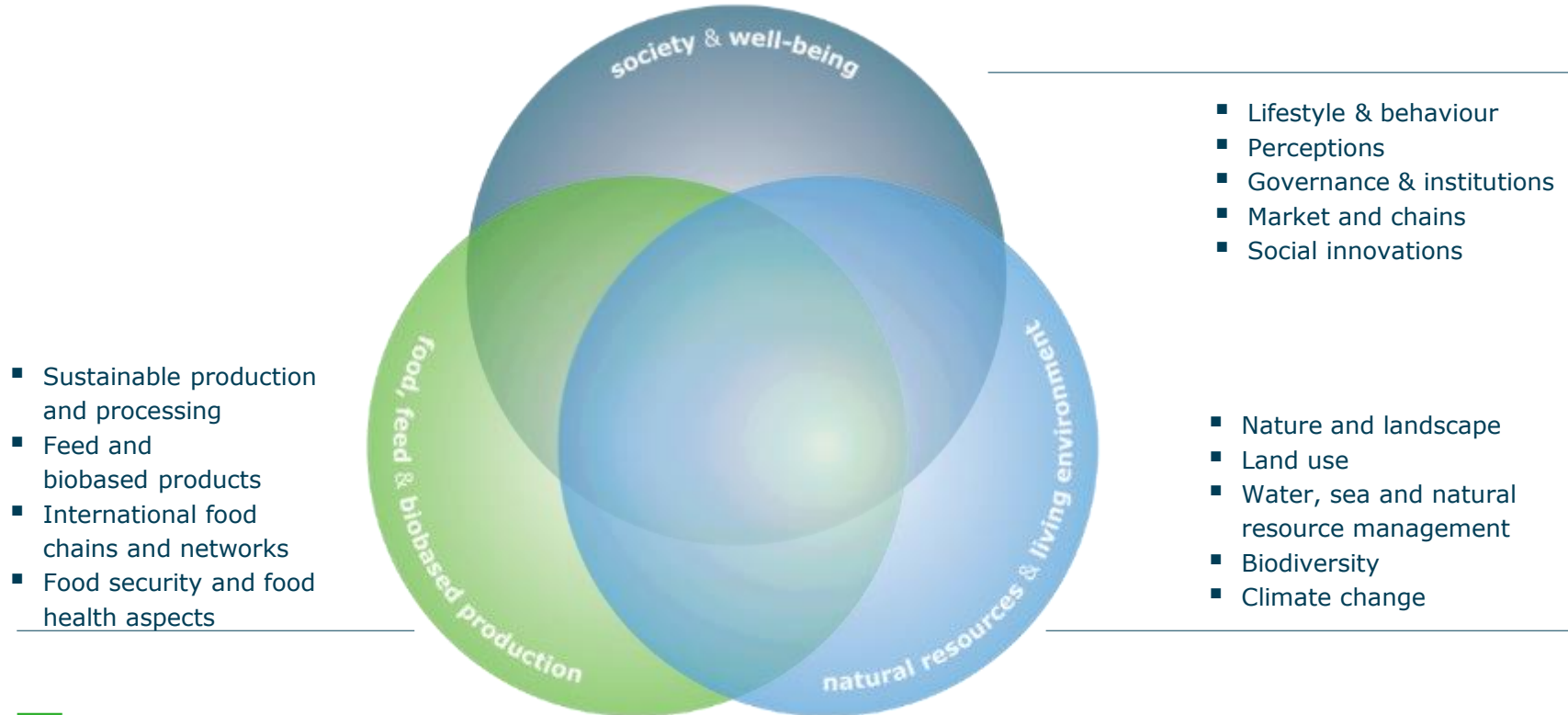
# Overview and Uniqueness of Wageningen UR

## CHANNEL I AND NETHERLANDS EMBASSY IN DHAKA

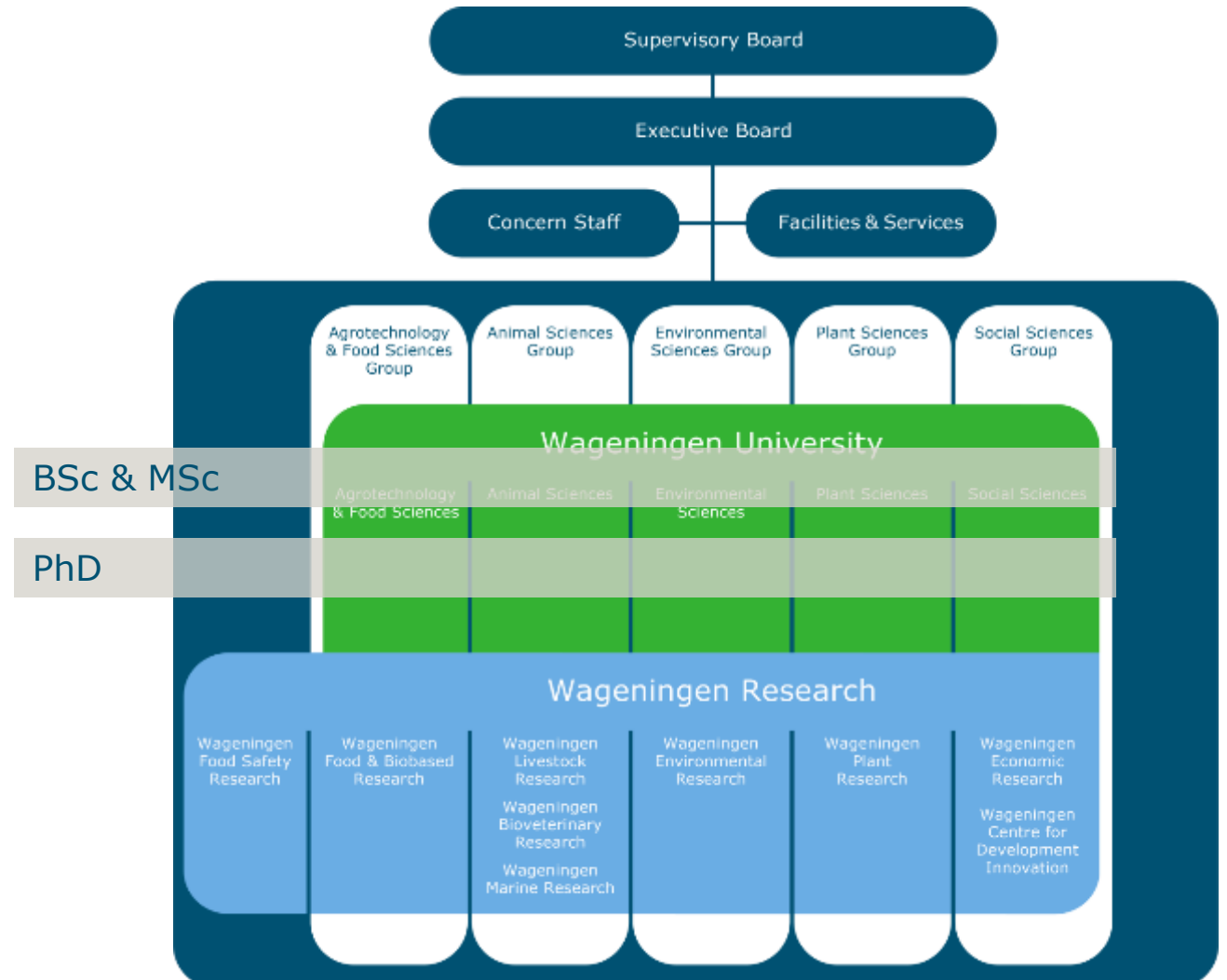
Ivo Demmers, Programme Director Food & Water  
April 20<sup>th</sup>, 2022



# WUR's domain: Food & Living Environment



# Organogram



# Wageningen University & Research

## Wageningen University

- Academic education & fundamental research
- 3228 staff
- 13,000 students; 2,100 PhDs
- Turnover 2020:  $\pm$  M€405



## Wageningen Research

- Strategic & applied research, professional training
- 3047 staff
- Turnover:  $\pm$  M€355



# WUR: 3 pillars

## Education



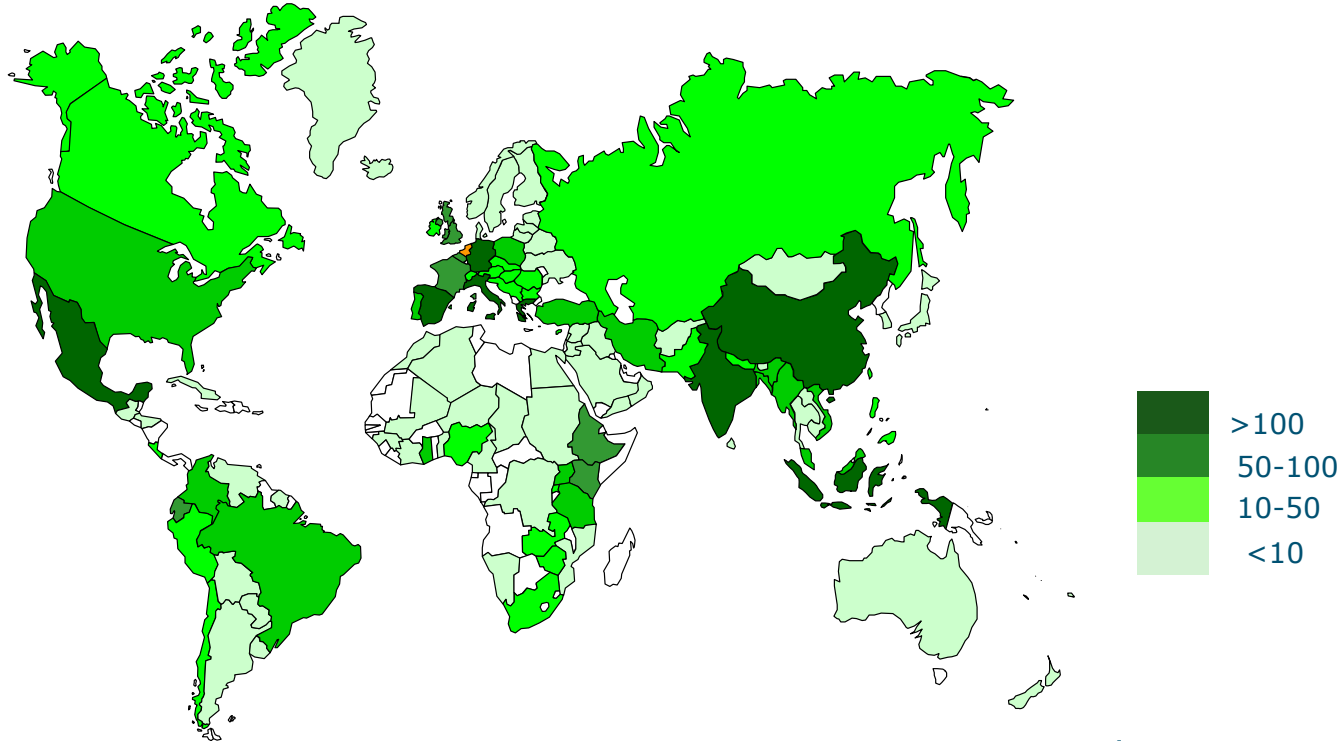
## Research



## Value creation

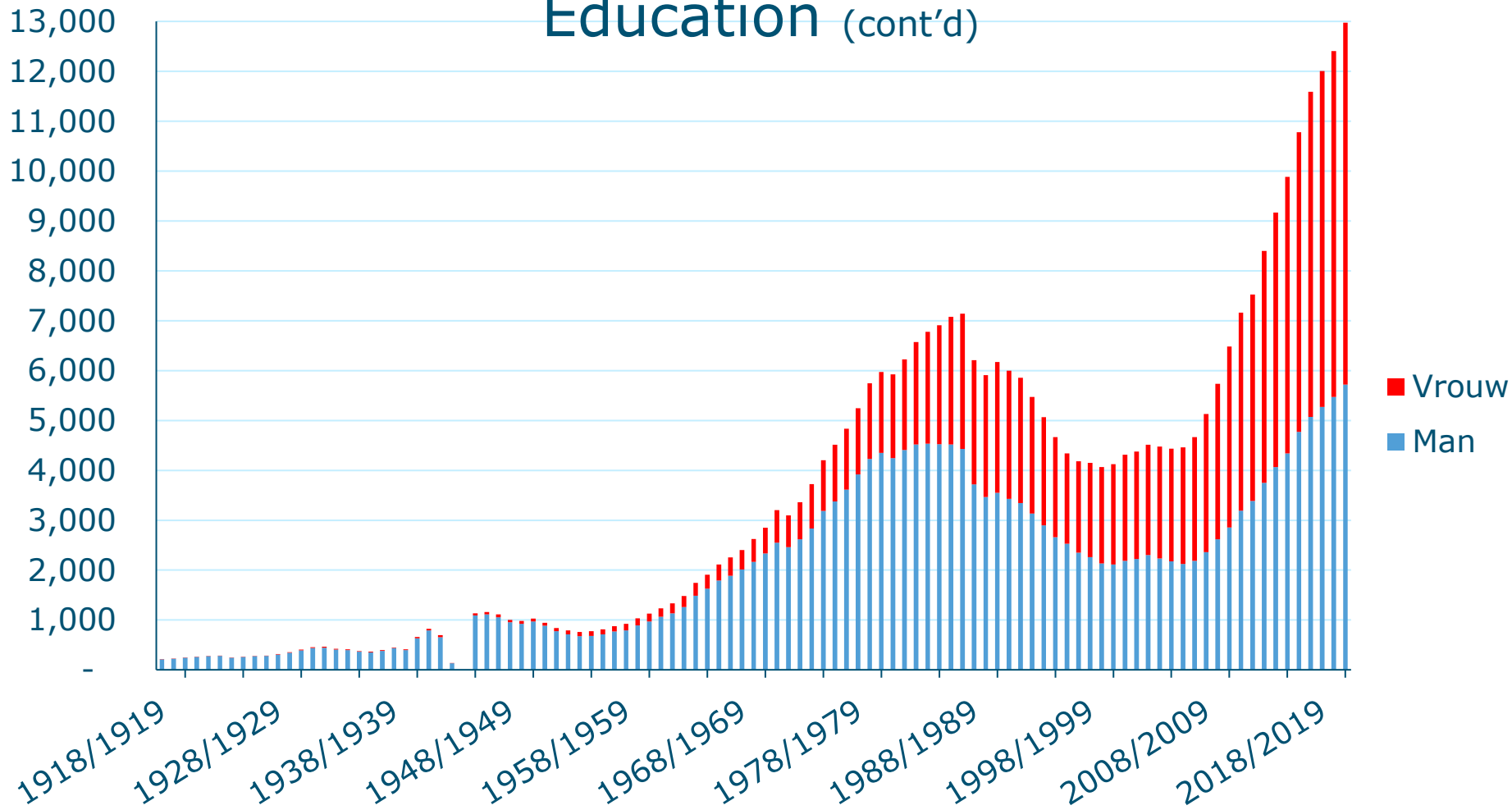


# Education – The world in Wageningen

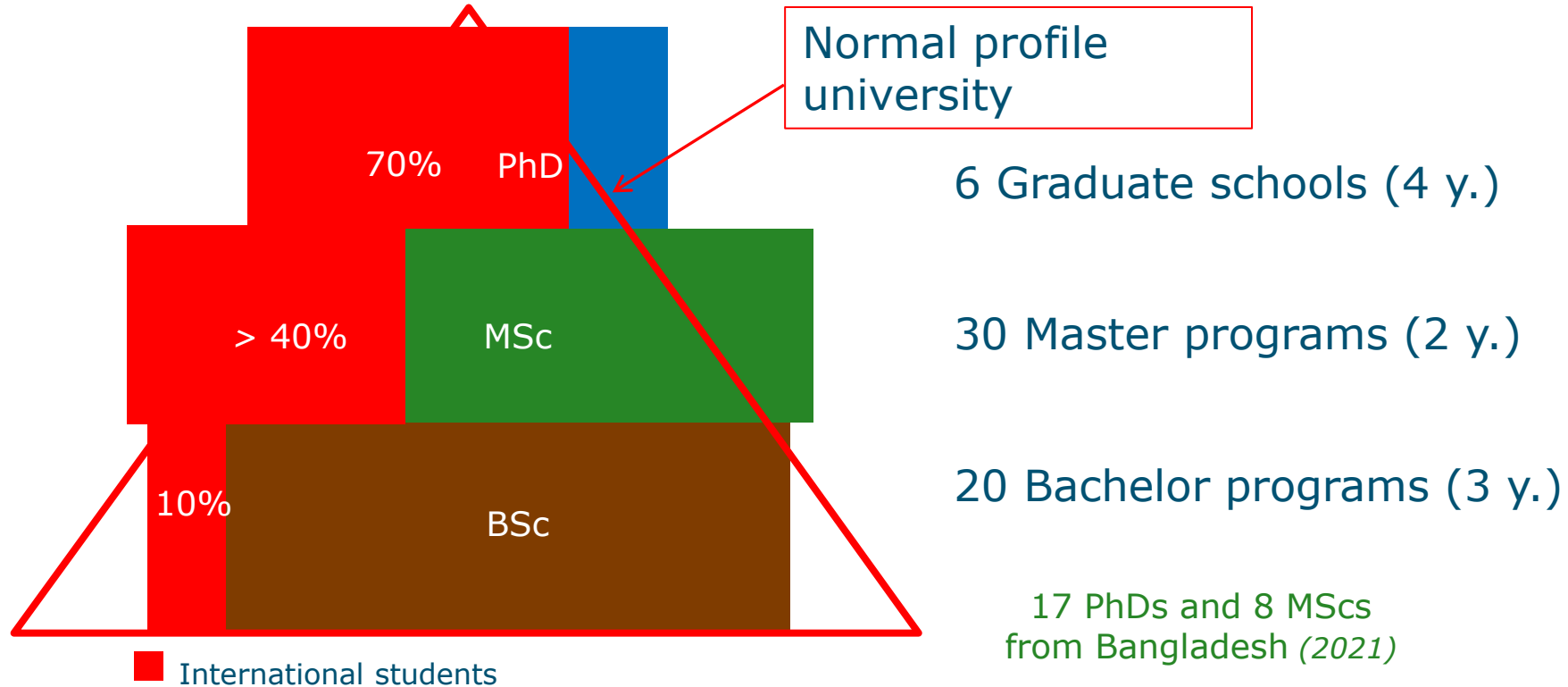


126 nationalities

# Education (cont'd)

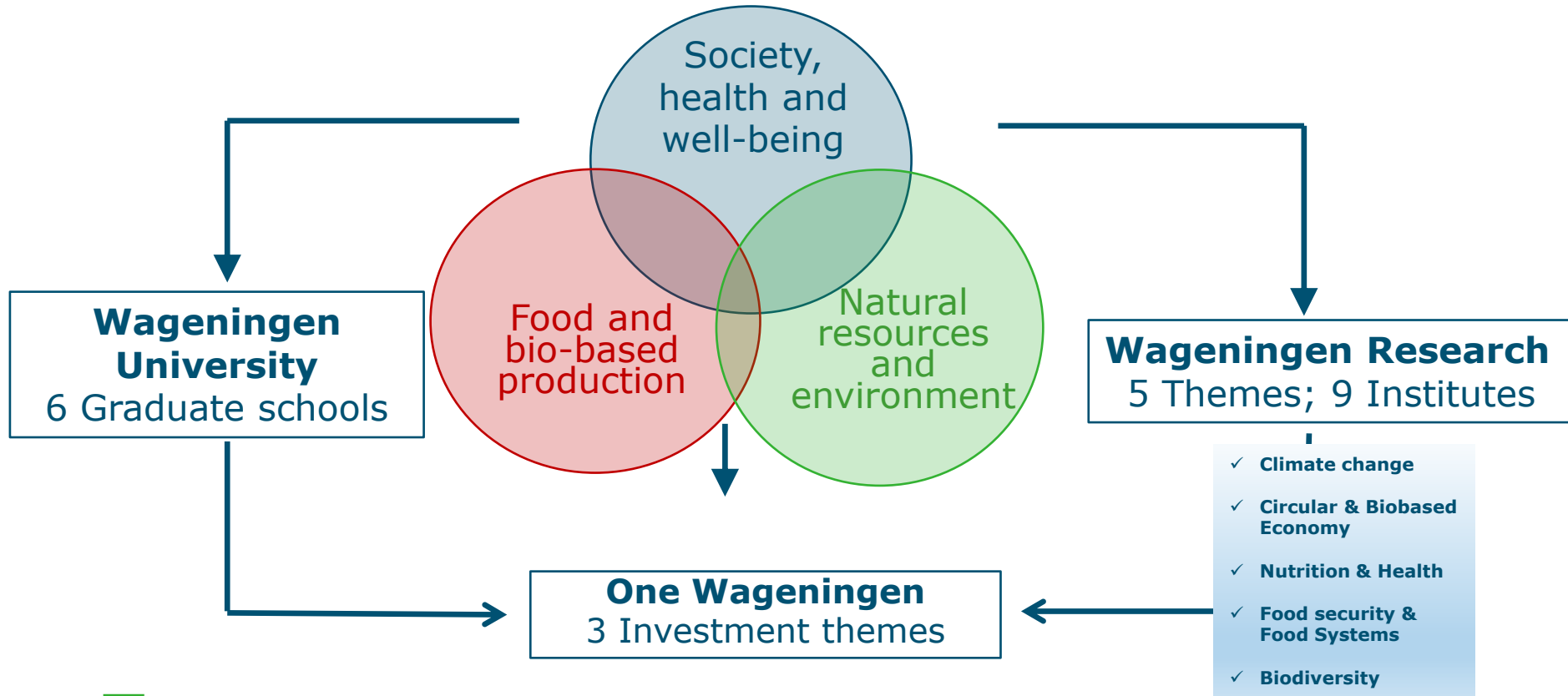


# Education (cont'd)

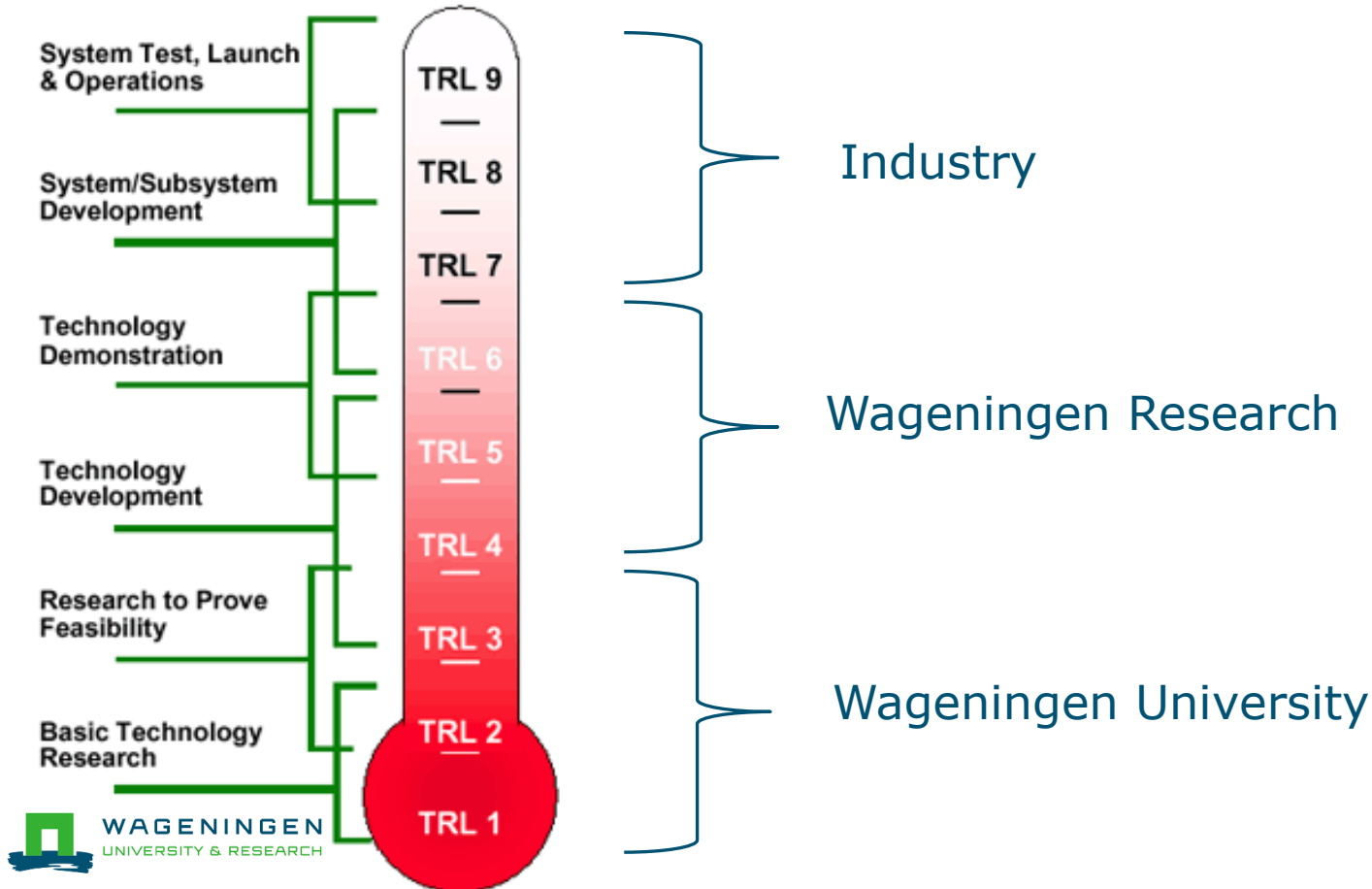




# Research @WUR



# Research @WUR - Technology Readiness Levels



# Wageningen Research - Specialized research institutions

## Agrotechnology & Food Sciences Group



## Animal Sciences Group



## Environment Sciences Group



## Plant Sciences Group



## Social Sciences Group



# Global footprint





# Value creation @ WUR campus

## University

- Education & training
- Fundamental & strategic research

## Research institutes

- Strategic & applied research
- Pre-competitive & competitive projects

## (Inter)national companies

- R&D Departments
- Shared facilities
- Joint activities/programmes

## Start-ups / Spin-offs / SME

- Innovation
- 'MBA' like training
- New companies

## Societal dialogue

- Studium Generale
- Science Shop
- Societal debates



# Wageningen Campus: 200 companies



# Startlife: Our AgriFoodTech Accelerator

- 2010
- WUR STARTUPS



- 2015
- DUTCH STARTUPS



- 2019
- GLOBAL STARTUPS



- >10 YEARS
- OF EXPERIENCE
- unparalleled vision

- Founded and supported by







■ 400 +

Startups built, funded  
and supported



■ € 185M +

Follow-on capital attracted by  
our startups



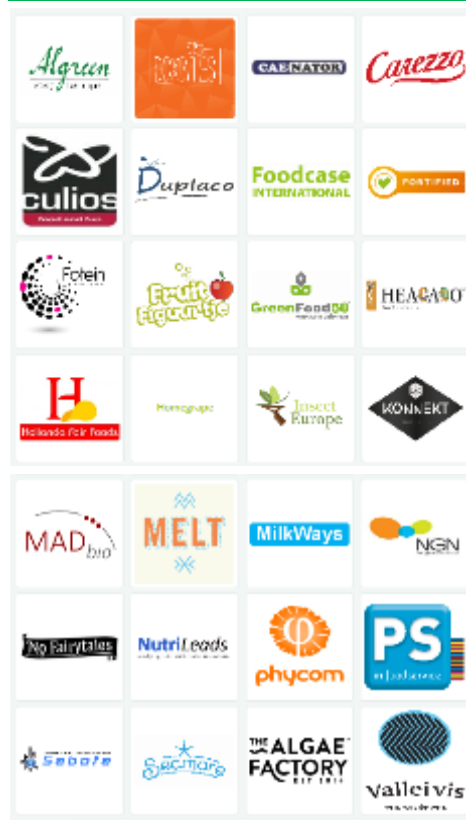
■ 1,415

Jobs created

■ **IMPACT**



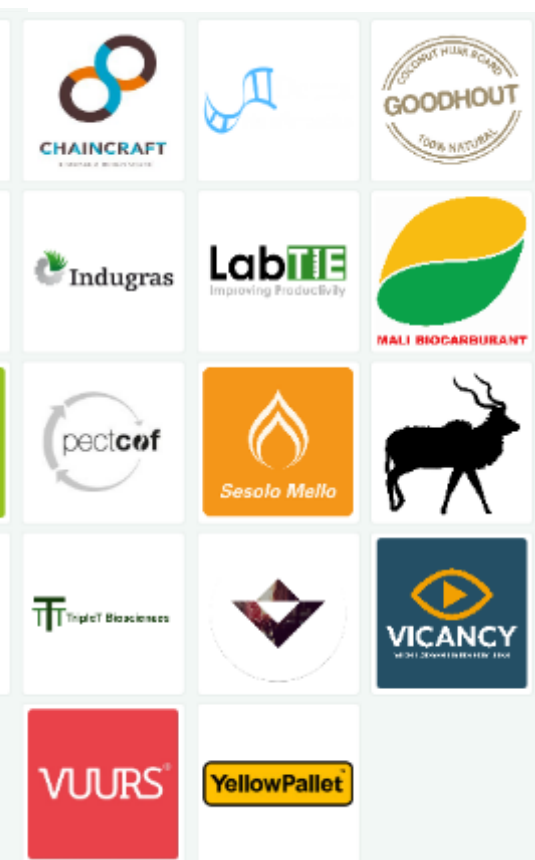
## Food startups



## AgTech startups



## Crossover startups



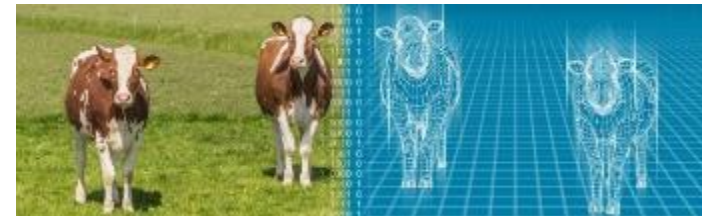
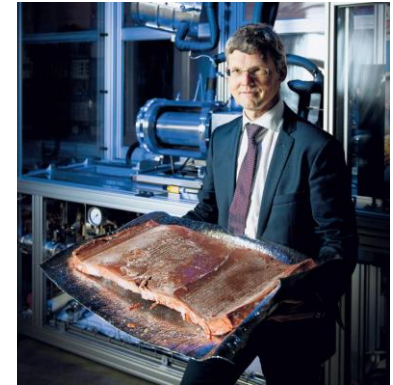
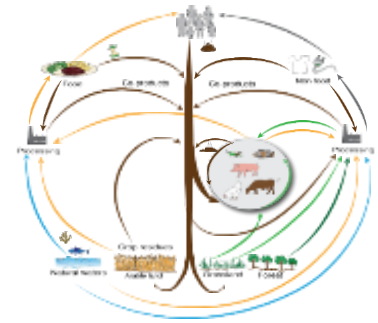
# Staying relevant in a changing world: Strategic investment themes

## *Existing (2019-2022)*

- Connected circularity
- Protein transition
- Digital twins

## *New (2022-2024)*

- Biodiversity-positive food systems
- Transformative bioeconomies
- Data Driven Discoveries for Climate change



# Impact – Tackling global challenges



# Announcement on CRISPR September 6, 2021



*CRISPR-Cas is a technology that enables genetic material to be changed relatively simply, very accurately and efficiently. Worldwide there are over 3.000 CRISPR-Cas related patents, of which WUR also holds several. For five of them (which are jointly owned with Dutch Research Council NWO), WUR decided to provide free licenses. [An article in Nature](#) was published right after the announcement.*

The ultimate aim of plant breeding has always been to make plants resistant to drought and diseases. That could help eliminate hunger around the world. This is no longer a distant thought, thanks CRISPR-Cas technology. Wageningen University & Research (WUR) announces it will provide potential partners with free licenses to work on its patented CRISPR technology. The license must be applied to gene-editing of plants for non-profit applications. "We hope this contributes to healthier, more sustainable, equitable, affordable and resilient food production for all", says WUR President prof. dr. ir. Louise O. Fresco.

# Top ranked university in the world!

**1**

***Agricultural  
Sciences***

In all lists 2015-21

**1 / 2**

***Food  
Sciences***

In all lists 2016-21

**top 10**

***Environmental  
Sciences***

All lists 2015-21

**1**

***Sustainable  
University***

World and NL 2021

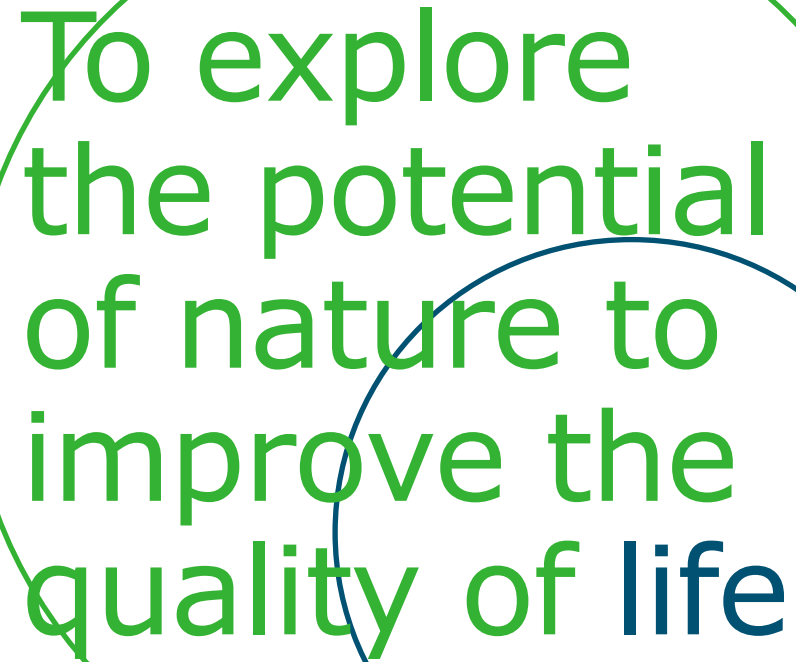
**1**

***Education***

Netherlands 2006-2019



Thank you!



To explore  
the potential  
of nature to  
improve the  
quality of life