

Wageningen University & Research International Strategy / EU Strategy

8 March 2018, Peter Jongebloed EU office, Corporate Strategy & Accounts



Two worlds – one Wageningen

Wageningen University



- 2.529 fte faculty and personnel
- Turnover in 2015: € 317 million

Wageningen Research



- 2.410 fte personnel
- Turnover in 2015: € 315 million
- 8 institutes

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



Society and well-being

Food and biobased production

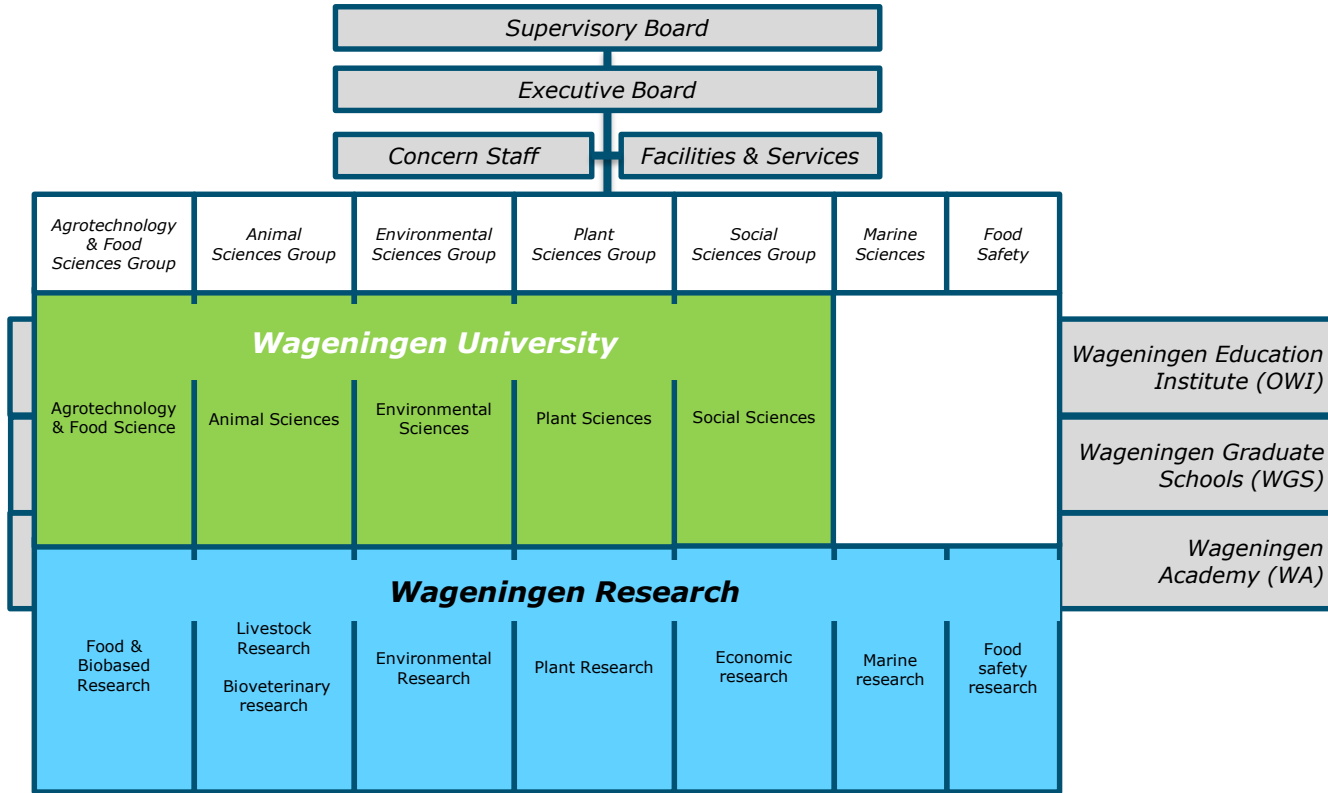
Natural resources and living environment

Addressing global challenges



Liveable cities

ORGANISATION STRUCTURE



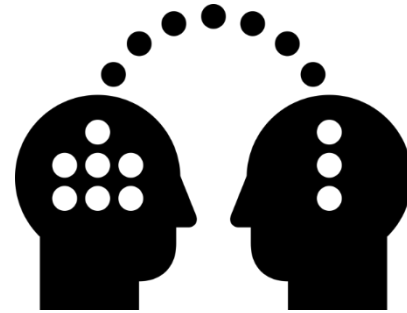
Core tasks



Education

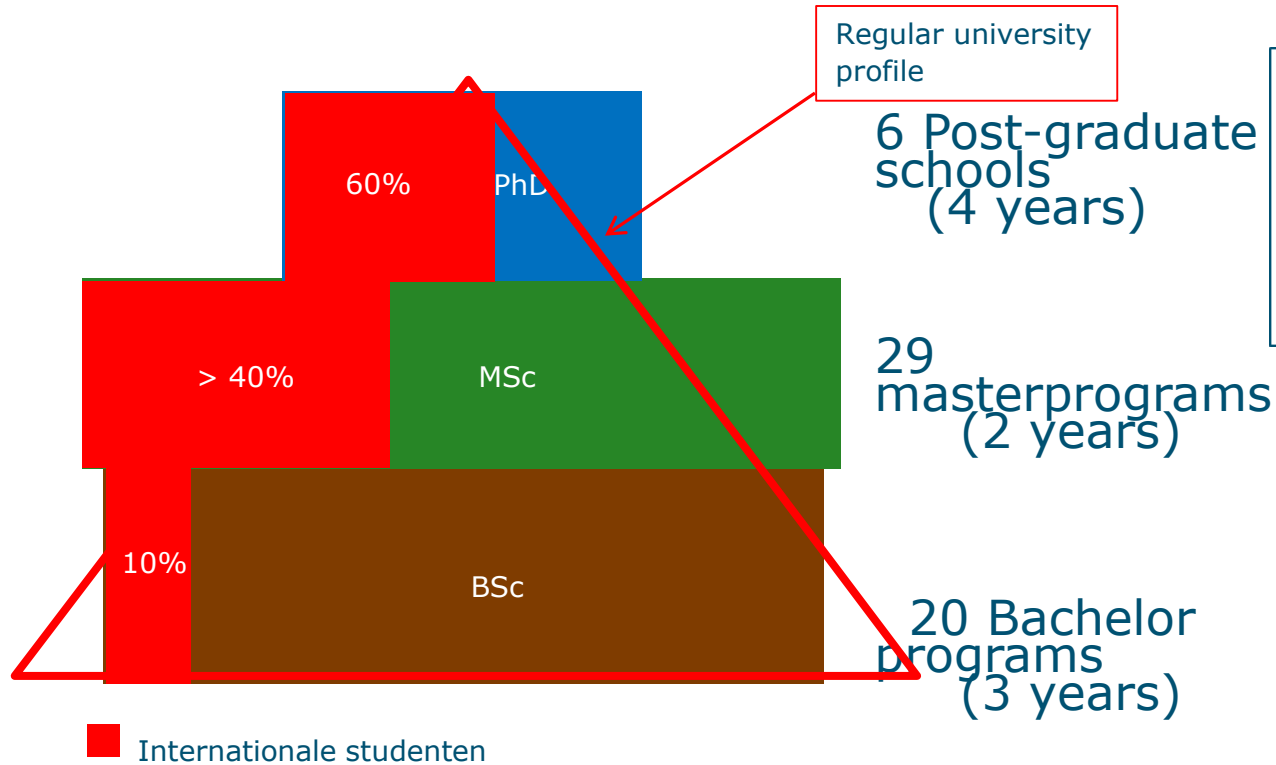


Research



Knowledge transfer

Education: an international research university

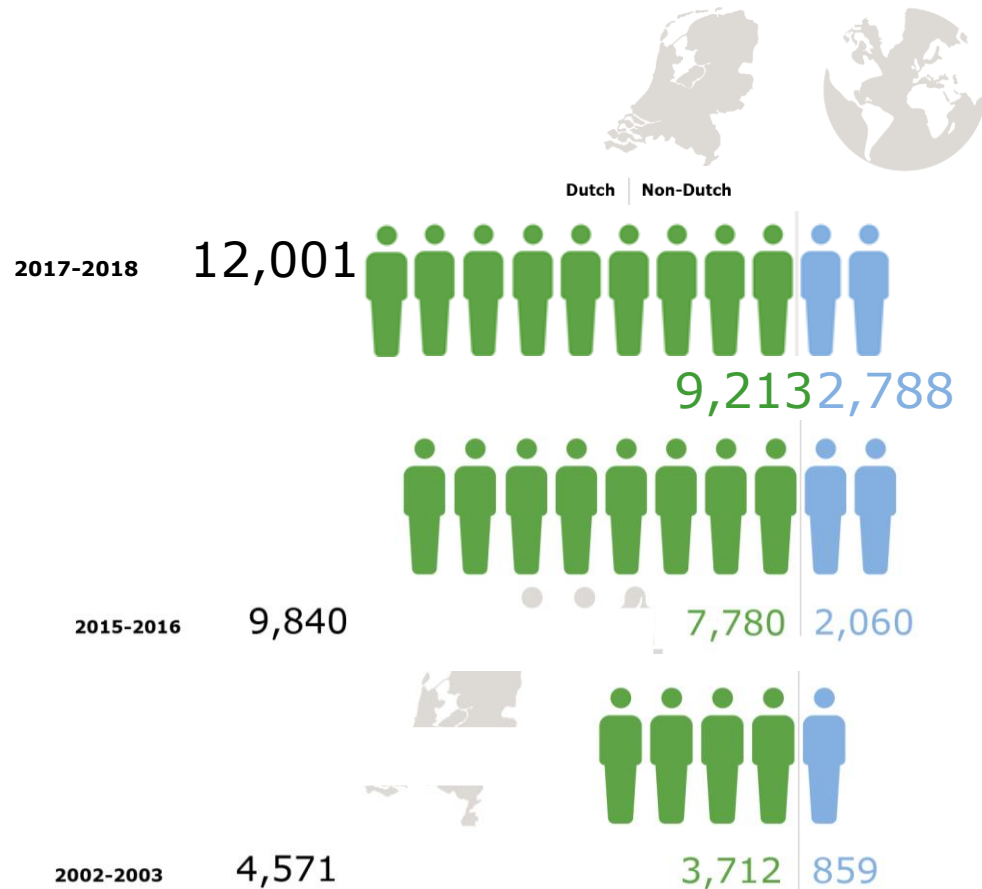


- Wageningen University**
Graduate schools
- EPS (Plant Sciences)
 - WIAS (Animal Sciences)
 - WIMEK (Environmental Sc)
 - PE&RC (Nature & Ecology)
 - WASS (Social Sciences)
 - VLAG (Food)

Wageningen Education Ecosystem

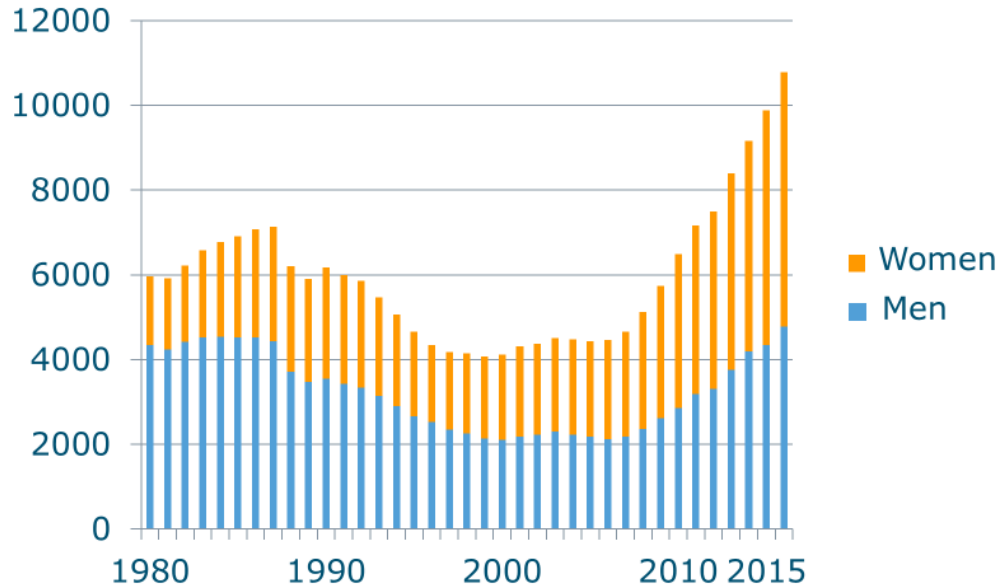


STUDENT NUMBERS



STUDENT GROWTH

Student growth



PHD



Graduations (2016) 296

Man 128



Woman 168



Dutch 39%



Non-Dutch 61%



1936 candidates on their way to PhD graduation

Rankings

1

WUR ranking in QS World University
Rankings 2016-2017
"Agriculture and Forestry"

4

WUR ranking in QS World University
Ranking 2016-2017
"Environmental Sciences"

1

WUR ranking in National Taiwan
University Ranking,
World Universities 2015-2016
"Agriculture"

1

(3 years running)

WUR ranking in transparency Index
1st place universities
#57 overall



47

WUR ranking in Times Higher Education
World University Rankings 2015-2016

29

WUR ranking in Academic Ranking of
World Universities 2015
"Life & Agriculture Sciences"



3

Green Metric Ranking
Most sustainable university

1

(12 years running)

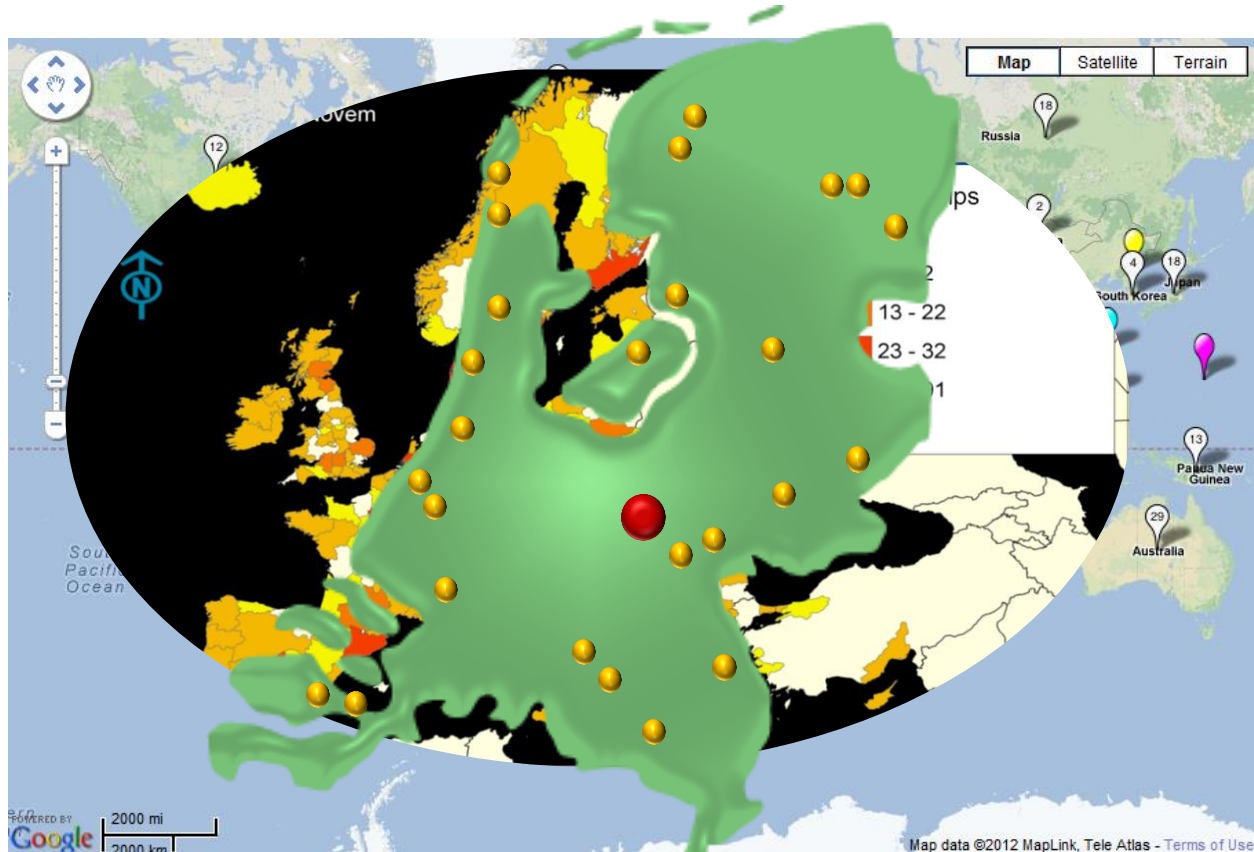
WUR ranking in Keuzegids
in full time
university education
(keuzegids 2017)

1

(5 years running)

WUR ranking in Sustainabil 2017
Sustainability ranking

Wageningen in the world



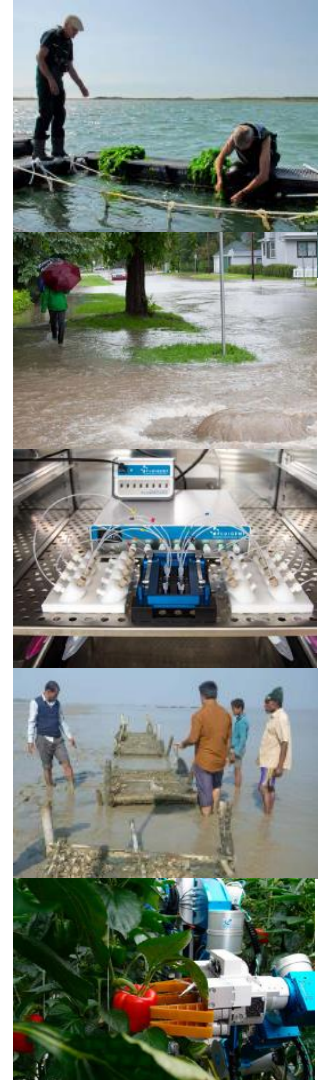
Strategic investment themes

- Global one health *Improved health for people, animals, and plants*
- Resource use efficiency *More sustainable and efficient production and consumption systems*
- Resilience *Research into the resilience of ecosystems and economic and social systems*
- Metropolitan solutions *Research on issues regarding the sustainability of the quality of life in cities*
- Synthetic biology *Development of new biological systems*



Wageningen Research themes

1. *Sustainable food & non-food production*
2. *Global food and nutrition security*
3. *Metropolitan solutions*
4. *Circular & biobased economy*
5. *Healthy and safe food for healthy lives*
6. *System earth management*
7. *Big data, technologies and methodologies*
8. *Social innovation for value creation*

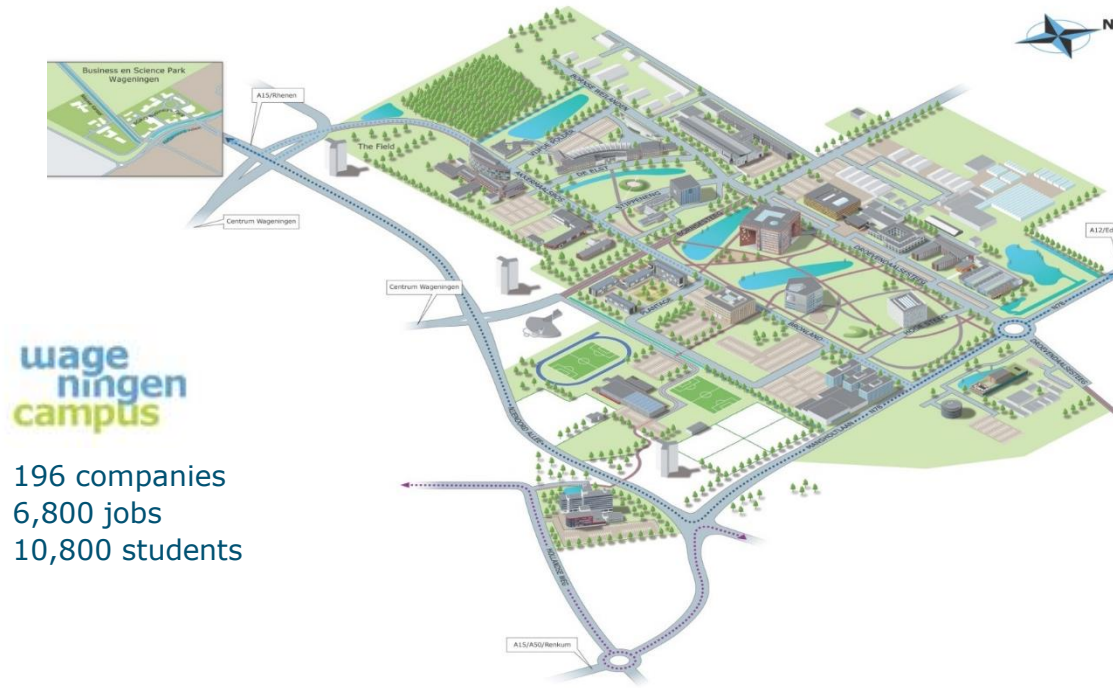


our institutes

- Wageningen Food & Biobased Research
- Wageningen Livestock Research
- Wageningen Bioveterinary Research
- Wageningen Environmental Research
- Wageningen Plant Research
- Wageningen Economic Research
- Wageningen Marine Research
- RIKILT (food safety)



Wageningen Campus



Wageningen Campus

- Aimed at encounters and contact between knowledge organisations, educational institutions, the business community, and start-ups
- Also at Wageningen campus: FrieslandCampina, Noldus, Unilever (starting 2019), Yili, Kikkoman and Keygene, NIOO, Aeres University of Applied Sciences, and many SMEs and start-ups
- Facilities: shared research facilities, library, meeting places, programming, language centre, expat centre, extensive sports facilities, campus restaurants, and a selection of shops
- Opportunities for businesses at different stages

INTERNATIONAL VISION WAGENINGEN UR

*..Wageningen UR has the ambition to develop high-quality research, education and value creation **for and with international partners** to efficiently and effectively address global challenges and capitalize on **business opportunities** within our domains...*

Objectives

- Increase the scientific and social impact of WUR
- Increase the international markets of WUR

EUROPEAN STRATEGY

- Wageningen UR sees **Europe** as our home market, integral part of **strategy plans SGs** and WUR
- **H2020 and related EU public-public and public-private programmes** very important **tools** to improve our international position and realize our strategy
- H2020 as tool **to cooperate** with **knowledge institutions** and **companies** in **Europe** and **beyond**
- **Services** for **researchers** at Science Group level and by **EU-office**
- **Wageningen EU Account team: EU-RAM** better visibility in Brussels, office in Brussels (lobby strategy)

WHY PARTICIPATING IN HORIZON 2020?

- Contacts and networks
- Complementary disciplines
- Recruitment of young researchers
- Public relations
- Knowledge, skills, products, markets etc.
- Contributing to European strategy
- Fun
- **By the way: funding**
- **But: always a need for co-funding**
- **Do you really need a EU-project?**



WAGENINGEN WAS SUCCESSFUL IN FP7 (2007-2013)

- Key player in **FP7 550 projects (129 co-ordinations)**

In total FP7 210 million Euro turnover from EU (112 million DLO, 98 million WU)

- Very strong in Thematic priorities 'Food, Agriculture and Fisheries, and Biotechnology (**KBBE**)' and '**ENVIRONMENT**' and in **Marie Curie fellowship**
- *Wageningen success rate >30% co-ordination higher than average (17%)*
- *Wageningen University & Research biggest in the Netherlands, number 12 in Europe*

WAGENINGEN UR IN HORIZON2020

- Until January 2018 involved in **220 H2020 proposals** (100 WR, 91 WU, 29 WR+WU: 48 co-ordinations)
- **Success rate under pressure:** factor two lower than in FP7
- In FP7 Food and Agriculture and FP7 Environment between **30-40%** in Horizon 2020 **around 15%** (EU average 10%)
- In SC2 'Food' Wageningen largest player, success rate 20%

So Horizon 2020 very competitive: not easy money

Need for **strategic approach** and **very good support!**



EU OFFICE SUPPORT / EU ACCOUNT (EU-RAM)



- **Stimulate and coordinate WUR-EU policy dialogue**
- **Relation management with EU institutions in Brussels**
- **Focus on H2020 and related EU programmes**
- Assist in developing EU-financed research & innovation projects focus Horizon2020
- **Information & Advice:** Focal point for expertise
- Leads to more effective acquisition of proposals



WAGENINGEN EU OFFICE

Hands-on project support, subsidy experts

- **Together with subsidy experts Science Groups**
- Guidance **from idea up to project execution**
- Traditionally focus on FP, but now more and more **project support** (*regional, national, international and H2020 including ERA-nets / JPI, PPP, JU-BBI*)
- Transition to **Grant Office**

WAGENINGEN EU OFFICE: FOCAL POINT FOR EXPERTISE

- **Website** / f.e. **H2020 Portal**
- **Newsletter**
- Advise on funding of **project ideas**
- **Feedback** on H2020 proposals (workshops)
- **Clearing house best practices**, *templates, formats, tips & tricks*
- **Specialists**: *strategy, legal, financial, reporting etc.*
- **Courses H2020** (*proposal writing, project management, modalities, Marie Curie etc.*)

Why need for Brussels account?

- The competitive EU R&D programmes important for **our scientific position and visibility and funding**
- Wageningen **many contacts and networks but not well co-ordinated .. rather ad hoc NOT ONE-Wageningen**
- More complex, interdisciplinary, cross-sectoral programmes
- **Many actors and DG's involved in Brussels machinery.**
 - *Different DG's (RTD, AGRI, ENV, CLIMA, ENERGY, SANTE, GROWTH, REGIONS)*
 - *Member states, EP, PV*
 - *Other stakeholders and networks (industry, NGO's, sectors, EUA, LERU, EARTO, ATF, FOODFORCE)*
- **EC and several DG's explicitly asked Wageningen to take our responsibility / to help the EC to implement their policies /ambitions**



Concrete activities

Lobby for FP9 2021-2028

At International level:

***High level meetings** in Brussels (**Mansholt meeting**) and vision papers WUR 'FOODtransitions 2030'*

***Dedicated workshops** in Brussels (photosynthesis, CRISPR-CAS)*

*Contacts with **relevant DGs** (RTD, AGRI, Sante, Connect, Growth, Clima, Environment, Energy, Development)*

***International networks** (ATF, FOODforce, FOODnexus, SCAR, ETP's, PEER)*

***Align with industry** (European technology platforms, Dutch **topsectors**)*



INTERNAL 'COMPETITION' WAGENINGEN

- **H2020 low success rates**
- **H2020 broad topics**
 - *Input / expertise from different angles possible*
 - *More and more 2-stage submissions*
- Coordination asks **for high acquisition costs (50 K€)**
 - *Different approaches within Science groups*
 - *Coordination at level WR easier than at level WU*
- Several examples of **competing co-ordinations: many competing participations**
- **EU office** and **EU-RAM** try to get overview of EU initiatives

NEED FOR MORE COORDINATION WITHIN WUR

1. Pro-active selection of limited number strategic topics which are in the **core of our strategy**, where we want to be in the lead in Europe (EU-RAM and Board of Directors).

- **Select coordinator** + team to write winning proposal (One-Wageningen)
- **Incentive**: some time to do the job, co-financing, and optimal support
- **No other co-ordinations** within WUR
- **Discourage participations**

2. For other co-ordinations overview and lighter direction

3. Participations **no strict coordination**... But also overview and more selective!

CURRENT COOPERATION BOKU AND WUR IN FP

Horizon 2020

- **BOKU involved in 40 H2020 projects: seven joint projects** in FOOD and ENVIRONMENT with Wageningen University & Research.
 - *Mycotoxins, Food waste, cooperation Africa, animal genetics, social innovation rural areas, biodiversity aquatic systems*
- **BOKU involved in 85 FP7 projects: 21 joint projects** mostly in ENVIRONMENT some in FOOD with Wageningen University & research.

POSSIBILITIES FOR COOPERATION?

- **Lobby at national and EU level H2020 and FP9**
 - *Joining forces in Brussels / ETP 'Food for Life' / EP / DG's etc.*
 - *ELLS network*
- **Proposal Development H2020 and FP9 (ELLS)**
 - *Joint projects (EU and international funding or bilateral projects)*
 - *Sharing networks / experiences*
- **Education**

*Thank you for
your attention*

