

# CropBooster-P

*Third Annual Meeting*

*Online Teams Meeting*

*19 November 2020*

*René Klein Lankhorst, Wageningen Plant Research*



European  
Commission

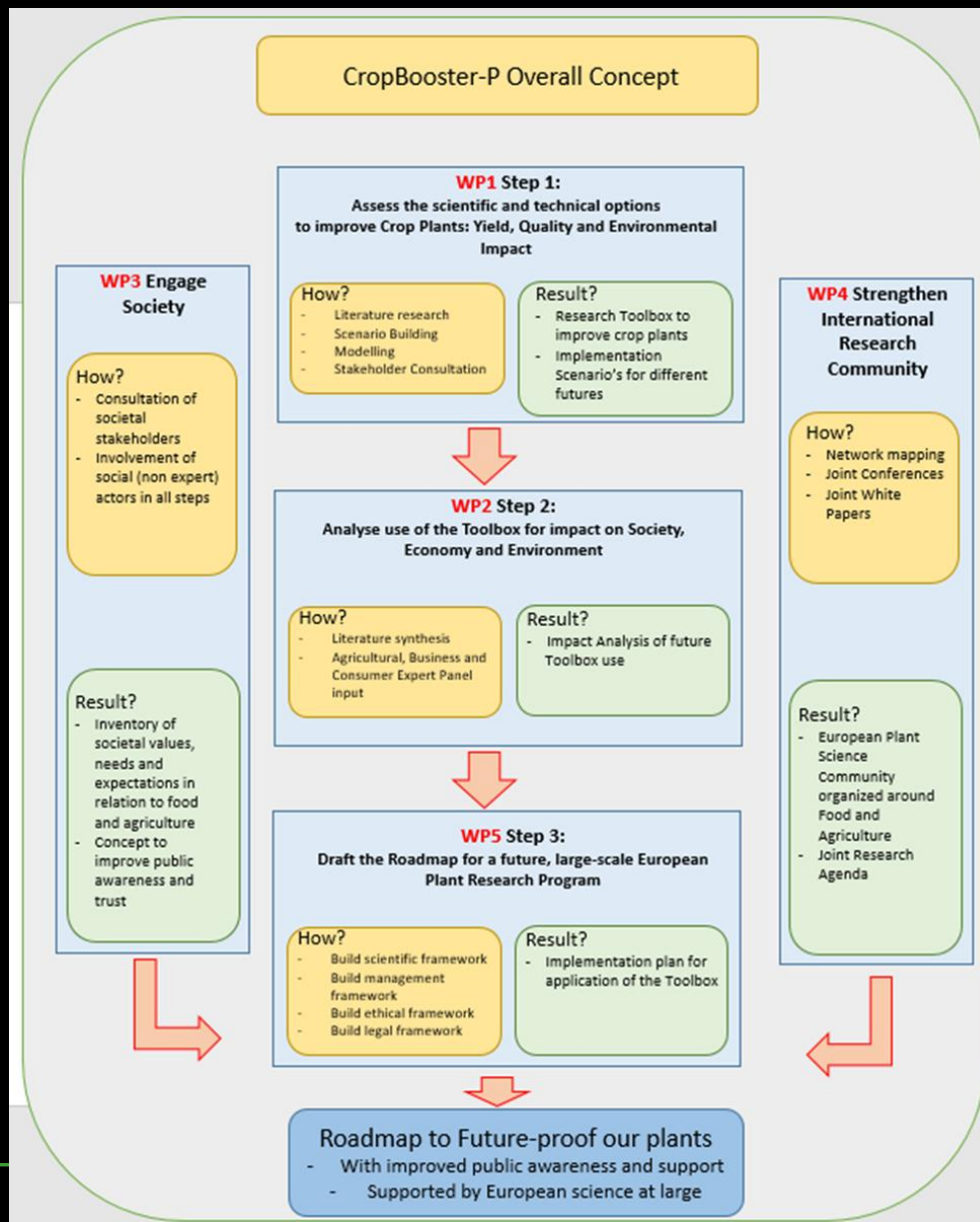
Horizon 2020  
European Union funding  
for Research & Innovation

# Scope of CropBooster-P

- Our main drivers are food security and climate change
  - How to feed the global population in 2050?
  - How can we protect agriculture from the negative effects of climate change?
  - How can we transfer from a fossil economy to a bio-economy?
- We will draft a Roadmap to future-proof our crops
  - CropBooster-P explores options to improve plants, including aquatic plants, by breeding and/or by biotechnology.
  - We focus on yield, quality and sustainability
- Broad definitions:
  - Yield = total plant yield or yield of harvestable/edible parts of a plant
  - Quality = nutritional quality (e.g. protein content, carbohydrates, vitamins, minerals) or industrial quality (e.g. fibre composition, THC content, etc.).
    - *Out of scope: organoleptic quality (taste, smell, mouth feeling, etc.)*
  - Sustainability = resource use efficiency (e.g. water use, nitrogen use, etc) and abiotic stress resistance (e.g. heat stress, drought stress, mineral stress, etc.)
    - *Out of scope: biotic stress resistance*
- We intent to form a future, large scale consortium to execute the Roadmap  
Therefor the Roadmap will also propose a blueprint for such a consortium, including its *modus operandi*

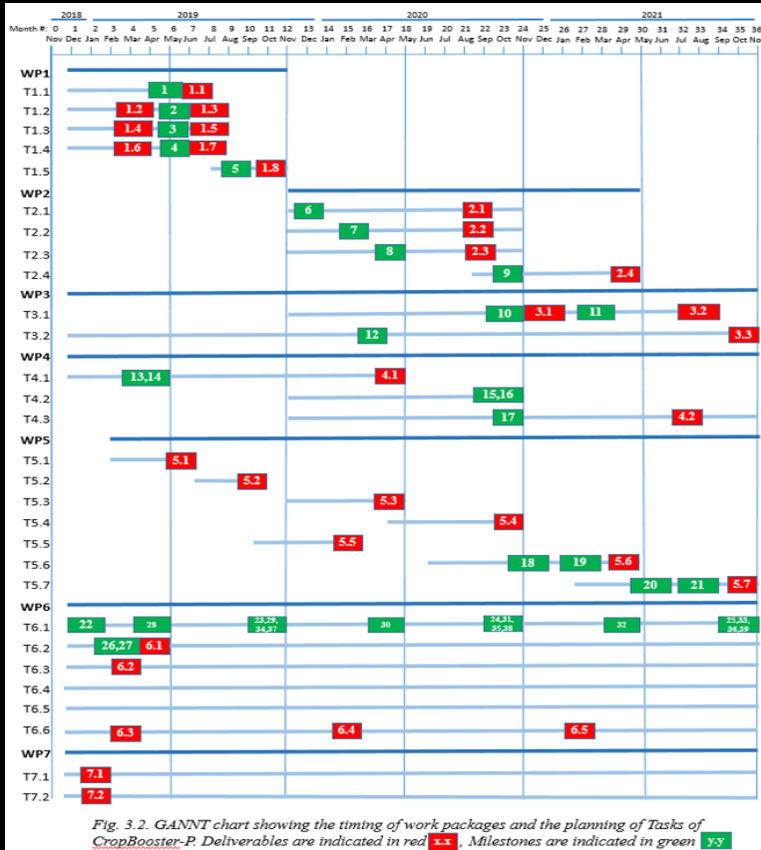


# Structure of the project



# Deliverables 2020, Planning vsz. Realisation

(All Deliverables for 2019 were accepted by the Commission)



D2.1 Agricultural production impact working paper. ✓

D2.2 Business impact working paper. ✓

D2.3 Consumer impact working paper. ✓

D4.1 Network map of research networks available for further scientific interactions. Pending, re-scheduled due to COVID-19

D5.3 Report describing programme management structure. Pending, re-scheduled due to COVID-19

D5.5 Report describing communication policy for the programme. ✓

D6.4 First update dissemination plan. ✓

✓ = Submitted to the Commission



# TIME TABLE MORNING SESSION

- 10.00 - 10.15      Welcome, Introduction and Overview (René Klein Lankhorst)
- 10.15 - 10.35      Overview and wrap-up Work Package 1; Research Toolbox  
(Alexandra Baekelandt)
- 10.35 – 11.25      WP2 Session; Economic, Social and Environmental Impact  
(Jess Davies, Stacia Stetkiewicz, Abishek Nair, Jonathan Menary,  
Arnout Fischer)
- 11.25 – 11.35      Short break (Get your own coffee, tea and cookies)
- 11.35 – 12.00      WP5 Session ; Strategy Development (Jeremy Harbinson)
- 12.00 – 14.00      Lunch (on your own)



# TIME TABLE AFTERNOON SESSION

14.00 - 14.25	WP3 Session; Societal Needs and Expectations (Ralf Wilhelm, Arnout Fischer)
14.25 - 15.15	WP4 Session; International Cooperation (Norbert Rolland, Peter Westhoff, Günter Strittmatter)
15.15 – 15.40	WP6 Session; Management and Communication (René Klein Lankhorst, Judith van Veen)
15.40 – 16.00	General Discussion (René Klein Lankhorst)
16.00	Wrap-up and Closure (Get yourselves a beer and some peanuts)

