

## The Veg-i-Trade Partners are...

-  Ghent University (**UGent**)
-  University College West Flanders (**Howest**)
-  Provincial Research and Advisory Center for Agriculture and Horticulture (**PIVAL**)
-  Allgro (**Allgro**)
-  Special Fruit (**SF**)
-  Van Laethem (**VL**)
-  ABT Belgium (**ABT**)
-  Federal University of Rio Grande do Sul (**ufrgs**)
-  National Veterinary Institute (**NVI**)
-  Norwegian School of Veterinary Science (**NVH**)
-  Norwegian Institute for Water Research (**NIVA**)
-  AL Gartnerhallen (**GH**)
-  Wageningen University and Research Centre (**WU**)
-  Tamil Nadu Agricultural University (**TNAU**)
-  Royal International Inspection Laboratory (**RIIL**)
-  University of Belgrade (**UB**)
-  Council for Scientific and Industrial Research (**CSIR**)
-  University of Pretoria (**UP**)
-  Centre of Edafology and Applied Biology of the Segura (**CEBAS**) at the High Council of Scientific Research (**CSIC**)
-  Primateflor Group (**Primateflor**)
-  Vega Mayor (Florette) (**VM**)
-  CONTARIEGO
-  SCIPROM Sàrl (**SCIPROM**)

[www.veg-i-trade.org](http://www.veg-i-trade.org)

### Contact Information

**Prof. dr. ir. Mieke Uyttendaele**  
Project Coordinator

**Department Food Safety and Food Quality**  
**Faculty of Bio-Science Engineering**  
Ghent University  
Coupure Links 653  
9000 Gent - Belgium

**Phone:** +32 9 264 61 78  
**Fax:** +32 9 225 55 10  
**Email:** [info@veg-i-trade.org](mailto:info@veg-i-trade.org)

  
**veg-i-trade**  
*safe food for a changing world*

**Impact of Climate Change and Globalisation on Safety of Fresh Produce**  
**Governing a Supply Chain of Uncompromised Food Sovereignty**

Veg-i-Trade is funded under the Seventh Framework Programme for Research of the European Commission



Food, Agriculture and Fisheries, and Biotechnology Knowledge-Based Bio-Economy (KBBE)



## About Veg-i-Trade

Veg-i-Trade will assess the impact of anticipated climate change and globalisation on safety issues concerning fresh produce and derived food products. This will include research on the economic structure of the fresh produce chain and on control measures for microbiological and chemical risks.

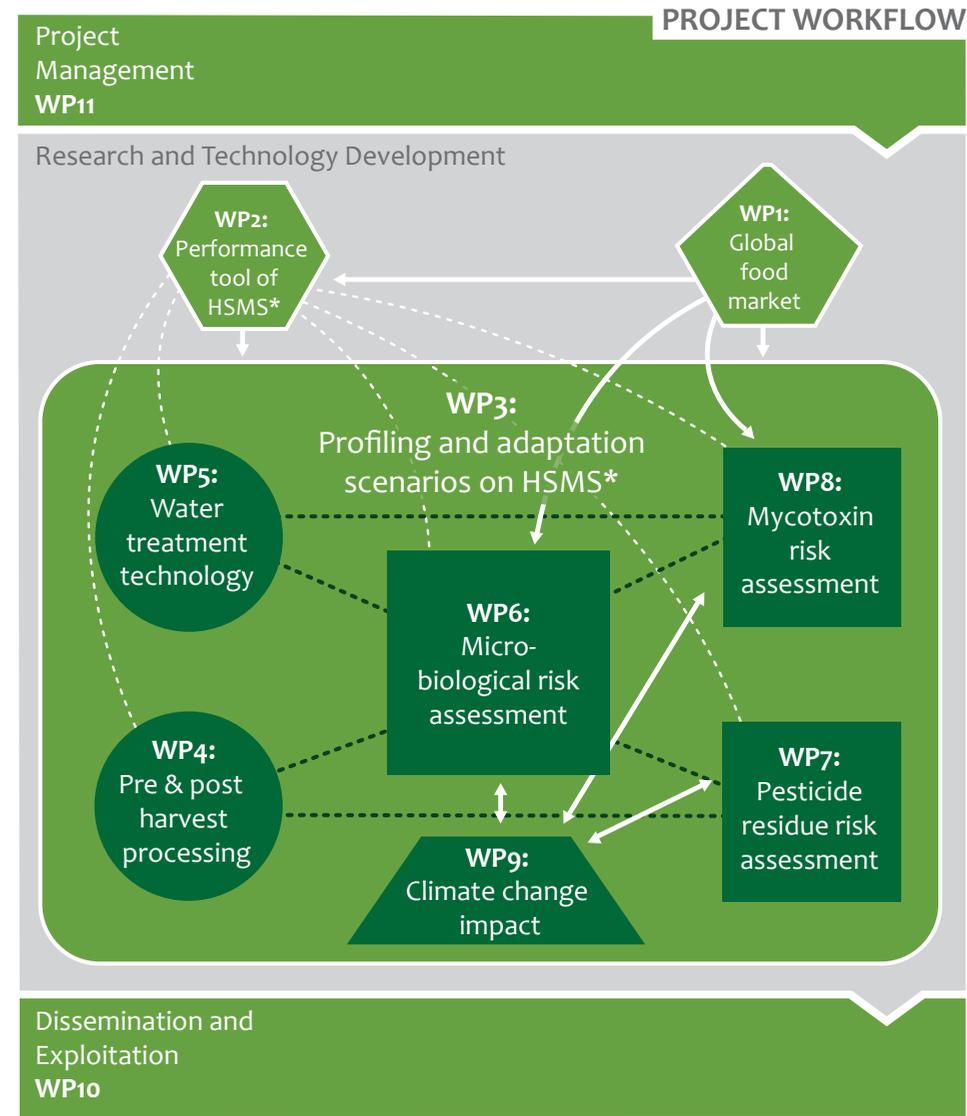
### Challenges for safe fresh produce

Fresh produce (e.g. leafy vegetables, tomatoes, soft red fruits) is an important part of a healthy diet. Global consumption levels are expected to increase in the future. However, due to recent disease outbreaks and rapid alerts attributed to fresh produce and derived food products, concerns have emerged with regard to food safety. New food safety challenges are posed by climate change and globalisation of trade.

### Multidisciplinary & international approach

Veg-i-Trade unifies 23 international partners from universities, research institutes, SMEs and large industrial partners. Recommendations concerning good practices and quality assurance in the fresh produce supply chain will be developed and exchanged via international collaboration and capacity building. In parallel, Veg-i-Trade will organise discussion forums on particular aspects of food sovereignty related to the safety of fresh produce.

## Veg-i-Trade addresses food safety challenges of fresh produce in an ever-changing world



\* Horticultural Safety Management System

## Objectives

Veg-i-Trade research will support the development of management strategies and technological control measures. It will also provide guidance on the implementation of quality assurance recommendations for the fresh produce chain. The Veg-i-Trade objectives are:

- Mapping of the economic structure and organisation of the fresh produce supply chain on a European and global level.
- Identification, monitoring and assessment of anticipated risks related to bacteria, viruses, protozoa, mycotoxins and pesticide residues in the fresh produce chain.
- Development and validation of diagnostic instruments for the systematic assessment of the performance of 'Horticultural Safety Management Systems' (HSMS).
- Pro-active investigation of aspects of water quality and water treatment, horticultural production practices (pre- and postharvest), disinfection treatment and packaging technologies.
- Impact assessment of integrated 'farm-to-fork' systems for different climate change and trade scenarios, resulting in adaptation strategies to assure food safety.
- Dissemination of the Veg-i-Trade research results in an accessible way to key stakeholders.

