



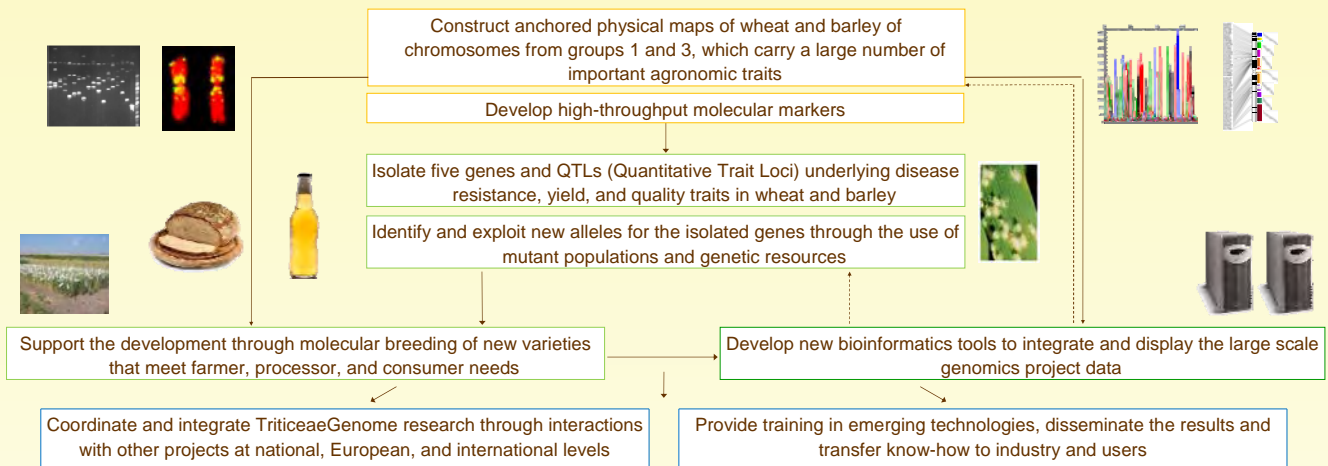
# Triticeae Genome



## Genomics for Triticeae improvement

Europe faces the challenge of providing economically and environmentally sustainable crops delivering improved quality in the face of climatic change. To meet this need, the TriticeaeGenome European FP7 project (Genomics for Triticeae improvement) was launched on June 1st 2008. This project mobilises 14 European research institutes and 2 industrial partners from 9 countries. The aim is to achieve significant progress in Triticeae genomics to enable efficient breeding of wheat, barley and rye varieties improved for their composition and characteristics to satisfy the needs of European consumers, processors and producers. TriticeaeGenome will receive 5.3 million Euros in funding over a four-year period from the 7th European Union Framework Programme under the "Food, Agriculture and Fisheries, Biotechnology" priority.

### TriticeaeGenome activities :



### TriticeaeGenome impact :

TriticeaeGenome is the first international-scale, synergistic genomics project for the construction and exploitation of physical maps of the chromosomes of bread wheat and barley. The project will:

- i. establish strategies and methods for improving genomics approaches in two of the most challenging crop genomes;
- ii. develop new tools to accelerate gene isolation and support the development of molecular breeding in wheat and barley;
- iii. contribute to a better understanding of traits underlying yield, quality and disease resistance;
- iv. provide the foundation for future sequencing of the wheat and barley chromosomes;
- v. strengthen the interactions and coordination with international collaborators and support the Triticeae networks;
- vi. contribute to the transfer of know-how between research and industry and to the dissemination of information to the public;
- vii. make permanent long-term improvements in social and economic cohesion on a global scale.

### TriticeaeGenome partners :

The project mobilises 17 partners from 9 countries.



### Contacts:

**Coordinator:**  
**Dr. Catherine FEUILLET**  
 Institut National de la Recherche Agronomique (INRA)  
 INRA Centre of Clermont-Ferrand (Crouël site), France  
 E-mail : [catherine.feUILLET@clermont.inra.fr](mailto:catherine.feUILLET@clermont.inra.fr)

**Dissemination and Technology Transfer:**  
**Prof. Alan H. SCHULMAN**  
 MTT Agrifood Research Finland  
 & Univ. Helsinki, Finland  
 E-mail : [alan.schulman@helsinki.fi](mailto:alan.schulman@helsinki.fi)

**European Project Manager:**  
**Emmanuelle LAGENDIJK**  
 INRA Transfert (IT)  
 INRA Centre of Clermont-Ferrand (Crouël site), France  
 E-mail : [emmanuelle.lagendijk@paris.inra.fr](mailto:emmanuelle.lagendijk@paris.inra.fr)



[www.triticeaegenome.eu](http://www.triticeaegenome.eu)

**TriticeaeGenome**  
 European Seventh Framework Project FP7-212019  
 Food, Agriculture and Fisheries, Biotechnology

