



International **W**heat Genome Sequencing Consortium

Who We Are


The IWGSC is an international, collaborative consortium, established in 2005 by a group of wheat growers, plant scientists, and public and private breeders. The IWGSC provides tools and resources that serve as a foundation for the accelerated development of improved varieties and that empowers all aspects of basic and applied wheat science.


The IWGSC is a U.S. 501(c)(3) non-profit organization led by a Board of Directors and a Coordinating Committee. The Board of Directors establishes the overall strategy. The Coordinating Committee, comprised of financial sponsors and leaders of IWGSC projects, is responsible for establishing the overall scientific strategy and the strategic roadmap. IWGSC general membership is open to any individual who is interested in supporting the goals and activities of the consortium.

IWGSC Phase II


Following the publication of the reference sequence of the bread wheat genome, IWGSC RefSeq v1.0, in the journal Science in August 2018, the IWGSC moved into Phase II and focuses its efforts on:

- IWGSC Gold Standard Reference Sequence: gap filling and integration of manual and functional annotation to IWGSC RefSeq v1.0 and subsequent versions.
- IWGSC-Arbor Biosciences Collaboration to develop tools for the community such as exome array, promotor capture panel, etc.
- IWGSC Wheat Diversity project to characterize the breadth of worldwide wheat diversity.







71 Countries





884 Institutes/Companies





3,200 Members


 wheatgenome.org

 info@wheatgenome.org

 [flickr.com/photos/iwgsc](https://www.flickr.com/photos/iwgsc)

wheat.genome 

[@wheatgenome](https://twitter.com/wheatgenome) 

All resources are publicly available at: wheat-urgi.versailles.inra.fr 

Wheat



The staple food for 35% of the world population



Wheat production needs to increase by 60% to feed 9.6 billion people by 2050



The most widely grown cereal crop in the world



Provides 20% of all calories and proteins consumed

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