

INRAE and the Wheat Initiative (Michael Alaux, INRAE)

At a time when heat waves, droughts and extreme weather events are becoming ever more frequent, it's of paramount importance to have an initiative to explore how to make harvests more resilient. This is the main driver for the G20-fostered [Wheat Initiative](#), launched in Paris in 2011 to reinforce synergies between members of the wheat research community and national and international research programmes targeted to increase food security, nutritional value and safety while taking into account societal demands for sustainable and resilient agricultural production systems. The INRAE research centre (at the time INRA) was [one of the main actors](#) involved in the launching of this initiative, together with the Julius Kühn Institute (JKI) in Berlin and under the scientific lead of Prof Peter Langridge at the University of Adelaide in Australia.

As part of its remit to foster communication between members of the research community, funders and global policy makers, in 2021, the Wheat Initiative launched [WheatVIVO](#), an open access web portal providing information on wheat researchers, organisations, and projects.

From a research information management perspective, WheatVIVO is one of the few examples for a worldwide subject-based Research Information System. This needs to be so in a research discipline where findings and their application are often associated with regions outside the Global North where crop resilience most urgently needs to be addressed. In fact, the list of coauthors for this 2022 overview article "[Meeting the Challenges Facing Wheat Production: The Strategic Research Agenda of the Global Wheat Initiative](#)" are affiliated with research institutions all over the world.

The talk will describe the Wheat Initiative and the role of INRAE in it, looking into the collaboration networks promoted by the expert groups, the international events held by the Wheat Initiative and the attempt to capture a snapshot of the wheat-related research worldwide and to share research information via systems like [WheatIS](#) and WheatVIVO.