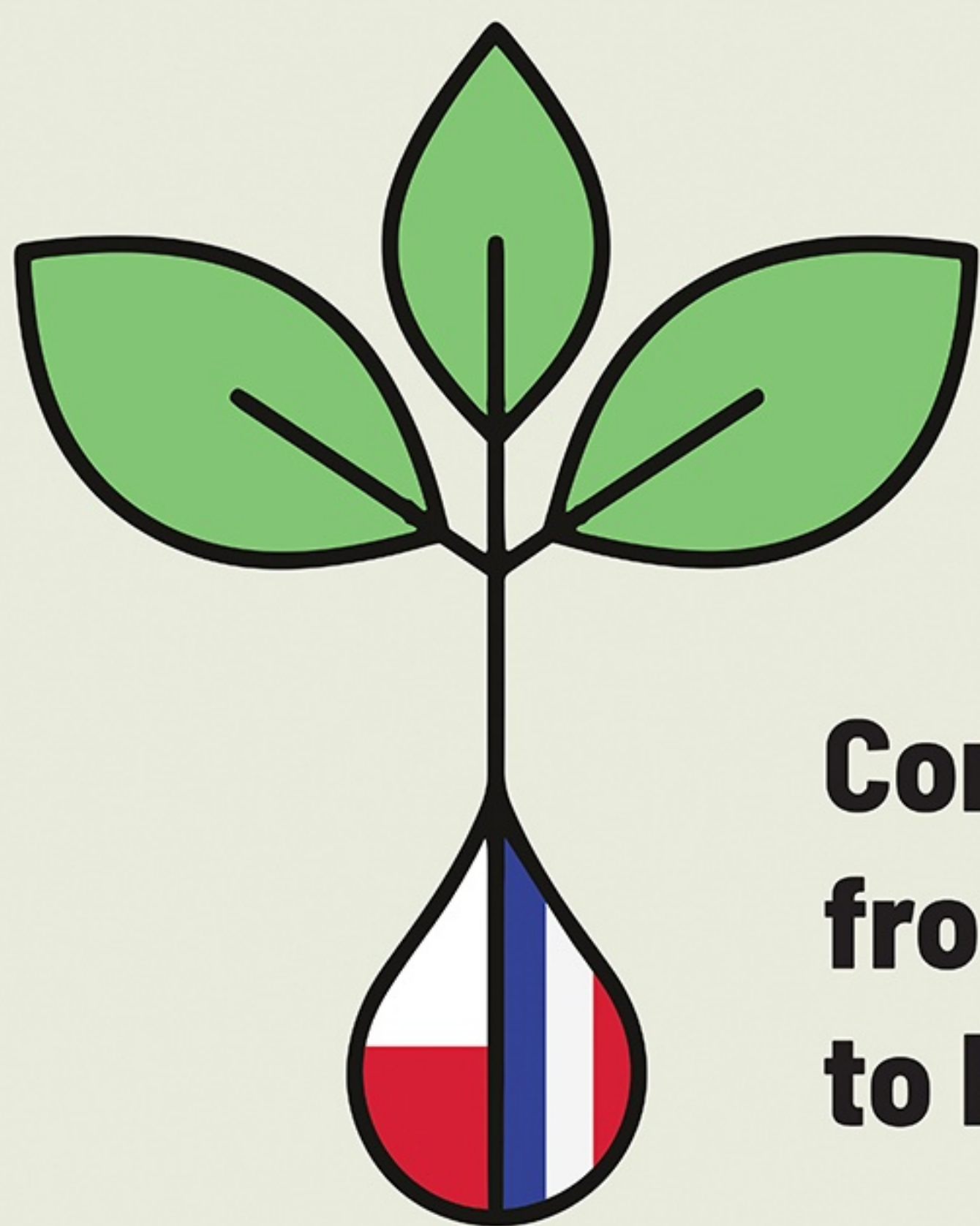




Conservation of forest genetic resources – from molecular basis of seed longevity to biodiversity preservation

OCTOBER 27, 2026

THE SCIENTIFIC CENTER OF THE POLISH ACADEMY OF SCIENCES IN PARIS, FRANCE

A scientific event organised by the Scientific Center of the Polish Academy of Sciences in Paris (France) and the Institute of Dendrology, Polish Academy of Sciences (Poland)

The conservation of plant genetic resources, particularly those of forest trees, represents one of the key challenges of our time and forms the foundation of biodiversity protection. In an era of accelerating climate change, increasing frequency of extreme weather events, and continuing habitat loss, there is an urgent need to develop effective strategies that will safeguard the adaptive potential of ecosystems and ensure the long-term stability of plant populations. Seeds play a unique role in this process – they are the primary carriers of genetic information, the source of generational renewal, and the foundation for forest regeneration and ecosystem resilience. This event will focus on the latest research and practices related to seed longevity and preservation mechanisms in the context of global environmental challenges. Special attention will be given to the role of gene banks and seed storage strategies, which are crucial for maintaining biological diversity while also supporting reforestation initiatives and the adaptation of agriculture to changing conditions. The lectures aim to create space for interdisciplinary dialogue on the future of genetic resource conservation in Europe and to foster exchange of experience between Polish and French research teams. The meeting will provide an opportunity to identify future research directions and to outline practical measures for ensuring the long-term protection of biodiversity in a changing world.



INVITED SPEAKERS:

- Prof. Andrzej M. Jagodziński (Institute of Dendrology, Polish Academy of Sciences, Kórnik, Poland)
- Dr Czesław Kozioł (Kostrzyca Forest Gene Bank, State Forests, Miłków, Poland)
- Prof. Christophe Bailly (Sorbonne Université, Paris, France)
- Prof. Loïc Rajjou (Institut Jean-Pierre Bourgin (INRAE, Agroparistech, CNRS, Université Paris-Saclay), AgroParisTech, France)
- Dr Mélisande Blein-Nicolas (GQÉ – Le Moulon, Université Paris-Saclay, INRAE, CNRS, AgroParisTech, Gif-sur-Yvette, France)
- Prof. Tomasz Pawłowski (Institute of Dendrology, Polish Academy of Sciences, Kórnik, Poland)
- Dr Hanna Fuchs (Institute of Dendrology, Polish Academy of Sciences, Kórnik, Poland)
- Dr Mikołaj Wawrzyniak (Institute of Dendrology, Polish Academy of Sciences, Kórnik, Poland)
- Prof. Ewa Kalemba (Institute of Dendrology, Polish Academy of Sciences, Kórnik, Poland)