

# Genetic Diversity Event

*Key to transitions in agriculture and forestry*

15 March 2023 | Omnia Wageningen



# Programme

- 12.00 – 13.00 Registration and networking lunch
- 13.00 – 14.45 Plenary: Welcome and Keynotes
- 14.45 – 15.05 Coffee break
- 15.05 – 15.50 Workshop – Round 1
- 15.55 – 16.40 Workshop – Round 2
- 16.45 – 17.00 Wrap-up
- 17.00 – 18.00 Closure and Drinks

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# Centre for Genetic Resources, the Netherlands

*Conservation and sustainable use of genetic resources*





Food security – Climate change – Biodiversity loss

Yield – Quality - Resilience - Sustainability

New and improved breeds and varieties

Breeding

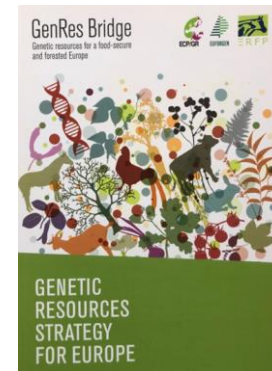
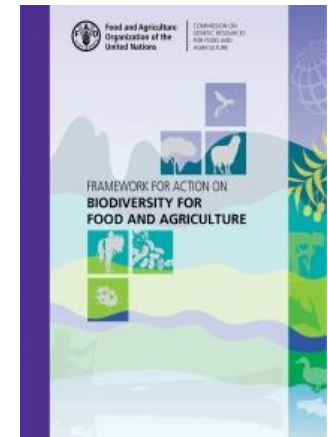
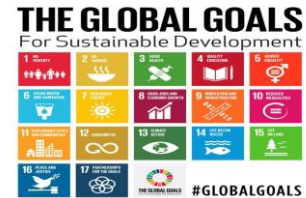
Genetic resources

# About CGN

- Statutory Research Tasks (LNV)
- Internationally recognised
  - Gene bank
  - Centre of expertise
- Conservation and sustainable use of genetic diversity
  - Crops
  - Livestock
  - Trees and shrubs
  - Species in aquaculture

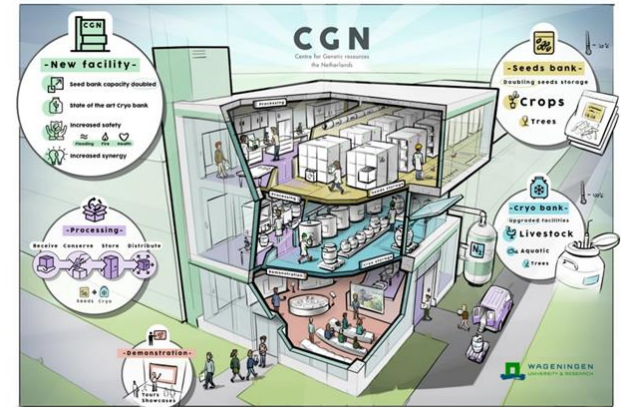


# International commitments



# Key tasks and activities of CGN

- Maintain and manage genebank collections (*ex situ*)
- Further expansion and development of genebank collections
- Distribution of genebank material for breeding and research
- Developing a digital genebank
- Monitoring of status and trends
- Support conservation of (genetic diversity in) live populations (*in situ*, on-farm)
- Knowledge transfer and policy advice
- National Focal Point on Access and Benefit Sharing (ABS)





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# Workshops

## **15.05-15.50      Workshop - Round 1**

### **1. How will omics technology impact the conservation and use of genetic resources?**

*Theo van Hintum & Richard Crooijmans*

Location: Momentum 1

### **2. Complementarity of nature conservation with genetic resources conservation: crop wild relatives and autochthonous trees.**

*Rob van Treuren & Seppe de Mits*

Location: Podium

### **3. How to support future use of traditional crop varieties and animal breeds?**

*Noor Bas & Mira Schoon*

Location: Momentum 2+3

### **4. Underutilised species for diversification of our diet and agriculture.**

*Eric Schranz, Martina Huber & Peter Bourke*

Location: Quantum

# Workshops

## 15.55-16.40      Workshop - Round 2

### **1. PLANT: Expanding CGN crop gene bank collections and the impact of genomics**

*Theo van Hintum & Rik Lievers*

Location: Podium

### **2. ANIMAL: Next steps for the development of CGN livestock gene bank**

*Annemieke Rattink & Julie Lamy*

Location: Momentum 2+3

### **3. FOREST: Improving ex situ and in situ conservation of trees and shrubs**

*Joukje Buiteveld & Paul Copini*

Location: Momentum 1

### **4. AQUA: Monitoring and conservation of aquatic genetic resources**

*John Bastiaansen*

Location: Quantum

# Genetic Diversity Event

Coffee break  
*14.45 – 15.05*



# Genetic Diversity Event

Closure and Drinks  
*17.00 – 18.00*

