

# Application for hosting the 12<sup>th</sup> IOC in Berlin, Germany



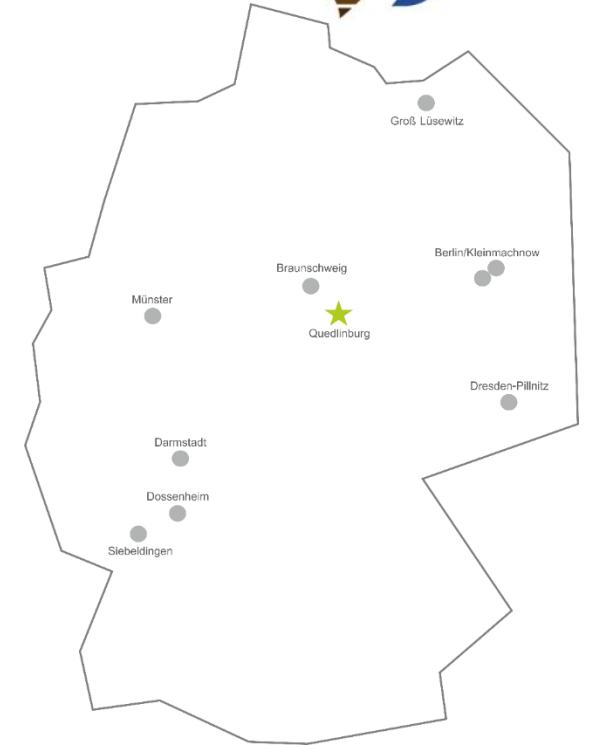


# The Julius Kühn Institute, in short JKI...

... is the **Federal Research Centre for Cultivated Plants** in Germany

... was constituted in 2008 as one of the research centres of the German Ministry of Food and Agriculture (BMEL) and is organized in **17 specialized institutes + several service units**

... is both a **research** institute and a **higher federal authority**.



# „Securing tomorrow's resources“

this motto defines the work of the Julius Kühn Institute

## Major fields of research are:

- Plant genetics, breeding research
- Plant nutrition, agronomy and soil science
- Plant protection and plant health



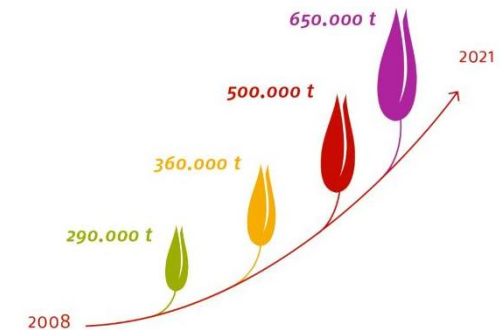


# Why Germany for the next IOC?

- Competitive oat breeding companies
- Growing oat cultivation by farmers (50% increase in cultivated area since 2016) – high importance of organic production (30%)
- Large oat milling industry – largest in Europe
- Rising demand for oat products by customers
- Increasing oat research activities – several research projects involving oats received funding in the last years



Milled oats in Germany  
2008-2021



source: VGMS e. V.



# Why JKI for the next IOC?



- **Modern infrastructure and motivated and experienced conference management team** of the Federal Office for Agriculture and Food

Examples: International Symposium on Fire Blight of the Rose Family 2022, International Symposium on Grapevine Breeding and Genetics 2022, International Lupin Conference 2023

- **Long oat research tradition and large cooperation network** within oat science and industry

**HELMHOLTZ  
MUNICH**



JKI-Institute for Breeding  
Research on Agricultural Crops



JKI-Institute for Resistance  
Research and Stress Tolerance



JKI-Institute for Biosafety in Plant  
Biotechnology



# Oat research at JKI



- Focus of oat pre-breeding and research projects at the JKI since 1992: **Resistance and quality traits**
- **Ongoing projects:**
  - Fusarium resistance (FUGE)
  - Smut resistance and cleistogamy (KLAR)
  - Drought tolerance and cleistogamy, mixed cropping (CROPDIVA)
  - Protein content and detoxification of mycotoxins (TRIP)

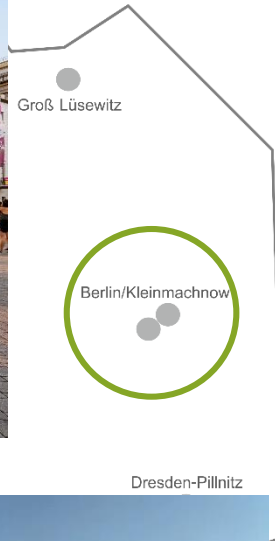




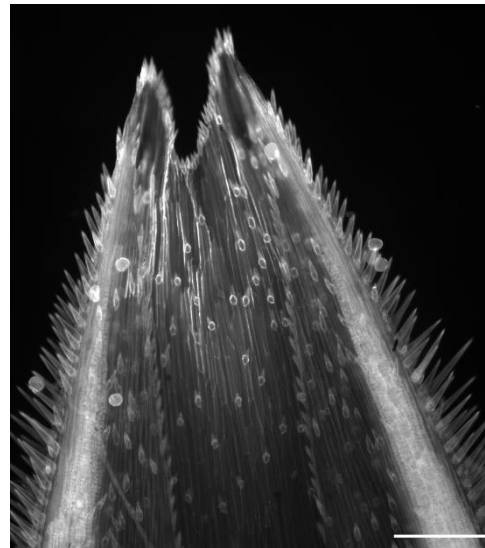
# 12th International Oat Conference in Berlin ?!



- Many sights and attractions
- Easy to reach (International airport BER)
- Countless hotel options
- Experimental farms and two JKI institutes nearby



**Thank you  
and hopefully see you in Berlin!**



**Matthias Herrmann**  
**[matthias.herrmann@julius-kuehn.de](mailto:matthias.herrmann@julius-kuehn.de)**