



## Shielding Food Safety & Security by Enabling the Foresight of Fungal Spoilage & Mycotoxins Threats in the Mediterranean Region under Climate Change conditions

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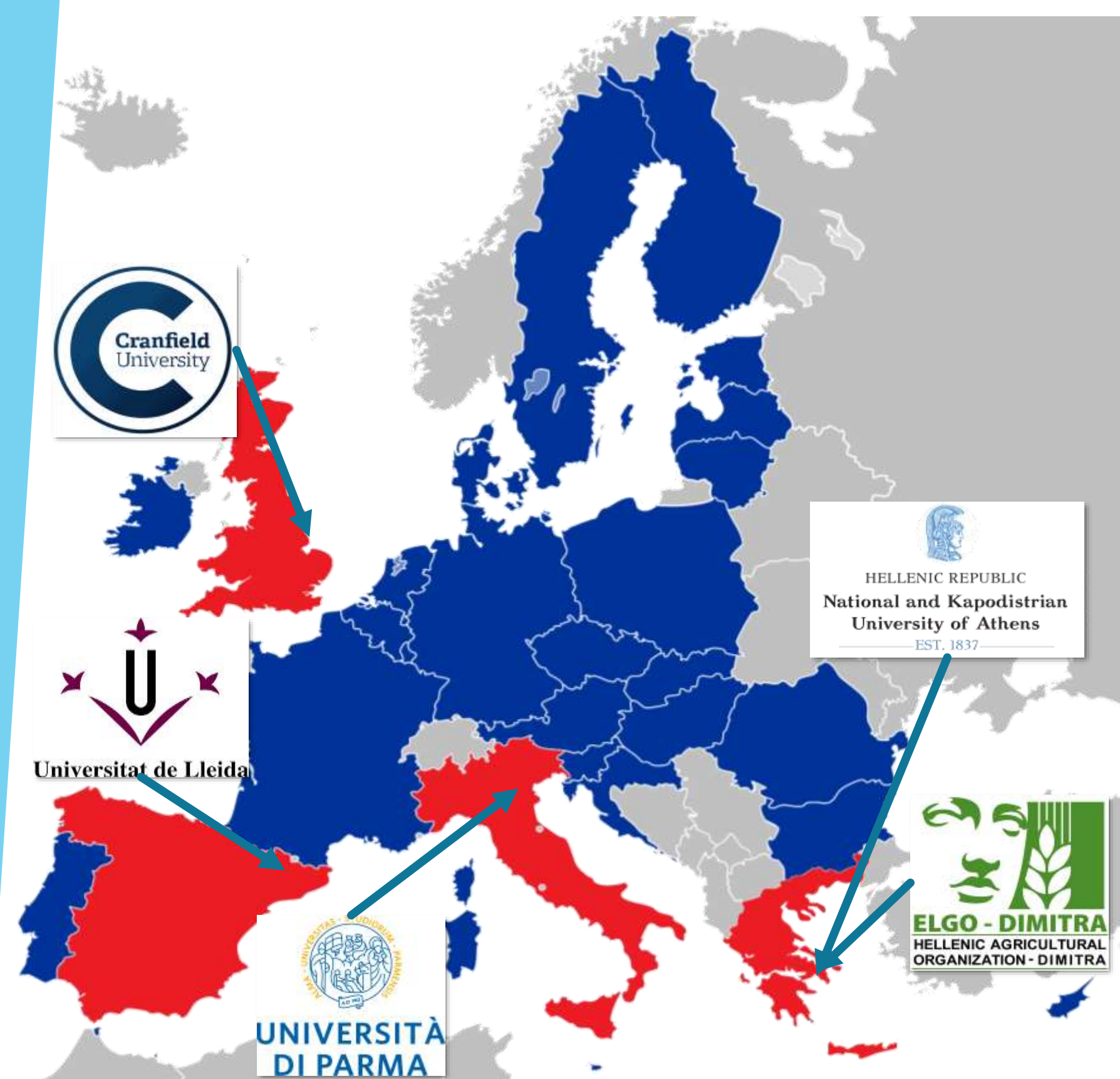
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FunShield4Med Consortium

FunShield4Med is a new Coordination and Support Action, funded by Horizon Europe Programme under Twinning call.

The Consortium consist of the

- Widening country participant and Coordinator of the project
  - Hellenic Agricultural Organization (ELGO) – DIMITRA (Greece)
- Advanced partners
  - University of Parma (Italy)
  - University of Lleida (Spain)
  - National Kapodistrian University of Athens (Greece)
  - Cranfield University (UK)

FunShield4Med overall aim is the reinforcement of Research and Innovation capacity of the Institute of Technology of Agricultural Products of ELGO – DIMITRA by transferring key knowledge and state of the art expertise from the advanced partners on food safety relating toxigenic fungi & mycotoxins within climate change. In addition, a special provision is foreseen for upgrading project management and administrative skills. FunShield4Med has been structured to bridge the gap between Greece and advanced EU member states in securing consumers from imported goods contaminated with mycotoxins.

Driver for the selection of mycotoxins as the **joint research project** to support the aim and objectives of FunShield4Med was the fact that most mycotoxin related notifications for EU imports come from northern Member States while concerning products that originate from countries of Asia and Africa.

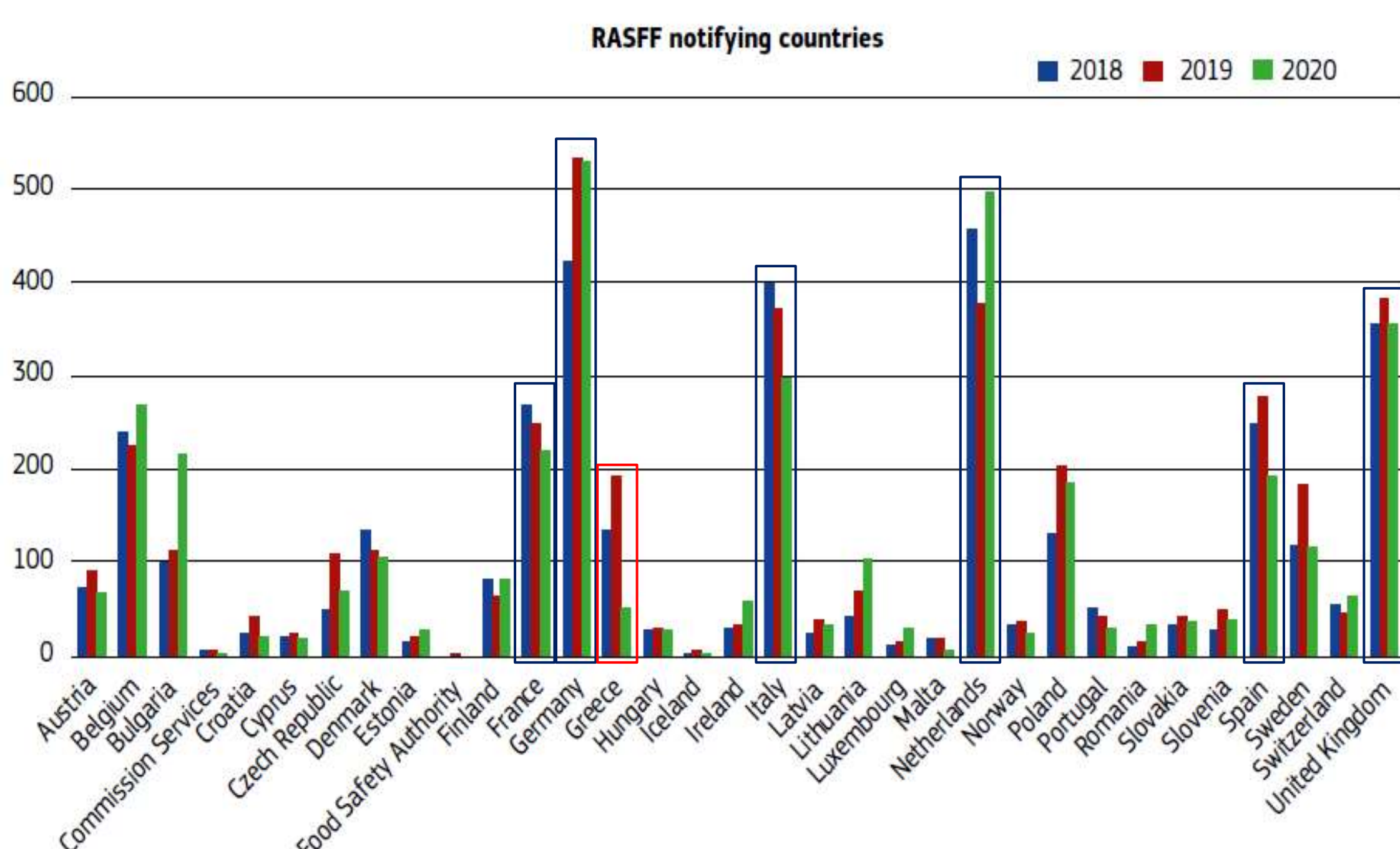
- Most reports from Northern Europe (NL, DE, UK)
- Less from Meds (FR, ES, IT)
- Fewer from GR
- Countries of origin from Asia (Turkey, India, Iran, China) and Africa (Egypt, Nigeria)

To address the challenges and support its objectives, FunShield4Med's overall methodology foresees, apart from the joint research project on mycotoxins surveillance, a series of dissemination / exploitation / communication measures which briefly include Seminars, Workshops, Summer Schools, Short-term staff exchanges, Short-term experts' visits, Open days, Conferences organization, Publications to peer reviewed journals, Participation to scientific round tables and meetings with stakeholders.

The situation today: Mycotoxin hazards notified in 2020, set out against food product category set out against non-member country of origin set out against notifying country.



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UK Research and Innovation

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