



MINOR CROPS AGRONOMY & ALTERNATIVE MARKETS

Sheila Alves

Crops Research – Teagasc

Ireland

ForEVA – Fostering the need of implementation of the ECPGR's European Evaluation Network (EVA) on Grain legumes

10-11 October 2023, Bucharest, Romania



Teagasc



- Teagasc – the Agriculture and Food Development Authority – is the national body providing integrated research, advisory and training services to the agriculture and food industry and rural communities.
- Location: Ireland. Research (7 locations), knowledge transfer (throughout the country).
- Crops Research Department
- Minor crops agronomy & alternative markets team: projects VALPRO Path & ProFaba



Irish grain legume collection ?!

- **Grain legumes national collections:** collections hold by universities (e.g. pea collection @ UCD), Seed Savers Association (community/members seed multiplication), Teagasc (faba beans: pre-breeding lines/ ProFaba panel)
- **The most focused grain legumes species:** faba beans, peas and lupins
- **The availability of phenotypic and genotypic data:** Partial
- **Seeds availability for sharing based on SMTA:** Unknown

Expectations from EVA legumes

- **EVA Legumes network from researchers' perspective (material, traits, conditions of operation): Expectations -**
Potential to assess legumes' material with interesting traits;
Constraints: Maintenance of seed collections.
- **Interest and capacity to be involved in evaluation of different GL species:** Cool-season grain legumes (food & feed)
- **Ways to cooperate/experience with PPP:** Multiply seed; phenotype under field conditions; controlled environment studies