FOREVA ACTIVITIES ASSOCIATED WITH OTHER PROJECTS AT KIS

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

10-11 October 2023, Bucharest, Romania
Agricultural Institute of Slovenia/KIS_Short presentation

Leading public research institution in Slovenia

Location: Ljubljana, experimental infrastructure in Jablje

Main activities:

- Crop Science
- Plant Protection/Plant Protection Laboratory
- Animal Production
- Fruit Growing, Viticulture and Oenology
- Agricultural Economics
- Agricultural Engineering and Energetics
- Agricultural Ecology and Natural Resources
- Central Laboratory
- Genetics Laboratory
- Project Management Office
- Technology Transfer Office
- State of art equipment
- Seed Testing Laboratory (ISTA accredited)
- Experimental fields
- Plant Gene Bank

Staff: 251
Researchers: 93
- PhD: 59
- MSc: 34
Other staff: 158
- professional staff: 146
- technical and administrative staff: 12
Active projects associated with legumes
KIS legume collection

Grain legume collection:
- Common bean (*Phaseolus vulgaris*): 1037 ACC
- Runner bean (*Phaseolus coccineus*): 62 ACC
- Fababean (*Vicia faba*): 36 ACC
- Pea (*Pisum sativum*): 3 ACC
- Cowpea (*Vigna unguiculata*): 1 ACC
- Grass pea (*Lathyrus sativus*): 1 ACC
- White lupin (*Lupinus albus*): 1 ACC
- Meadow vetching (*Lathyrus pratensis*): 11 ACC

Some other Fabaceae species:
- Common vetch (*Vicia sativa*): 2 ACC
- Narrow leaved vetch (*Vicia angustifolia sin.. Vicia sativa subsp. angustifolia*): 1 ACC
- Cow vetch (*Vicia cracca*): 15 ACC
- Large yellow vetch (*Vicia grandiflora*): 5 ACC
- *Vicia sepium*: 7 ACC
- *Vicia sp.*: 11 ACC

- For all collected genetic resources, ‘Multi crop passport descriptors’ are available containing basic general data on an individual sample (place and date of collection, description of location, who collected the sample, etc.).
- For individual genetic resources, we have more detailed data on the characterisation and evaluation based on common descriptors for an individual plant species.
- Seed exchange upon request via SMTA -> for all the ACCs available
Expectations from EVA legumes

- Knowledge/material transfer associated with different legume species in terms of their characterization and agronomic behaviour under different growing environments/locations -> network with diverse expertise and stakeholders in terms of conservation, breeding, farming.

- Data about GR from different levels (morphologic, genetic, genomic, metabolomic,…) available for implementing into GL/cb breeding programme(s) -> increase efficiency

- Further collaborations on GL within new projects proposals.
Thank you for your attention!