Standards and methods

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General principles (workshop I)

- Within a PPP, harmonized protocols and methods are required to share the crop specific data among partners.
- The data should also be made available to global systems such as EURISCO and GLIS and therefore need to match international standards.
- The FAIR principle should be adopted for the global data level (FAIR = Findable, Accessible, Interoperable, Reusable).
Guidelines for each crop community/project

- Work on harmonization of evaluation protocols and good practices → Crop consortia (Appendix 2)
- Data management plan describing the data flow with responsibility of all the partners, when the data are private, when they become public → Cooperation agreement (Annex C)
- Have the objective to feed EURISCO with the relevant data and to make it linkable with data that might have to be stored in other repositories → EURISCO development
- If other repositories than EURISCO have to be identified, pay attention to the sustainability of these additional resources → open question
Guidelines for the network

• Helping EURISCO to move towards being FAIR in collaboration with existing European (ELIXIR, EMPHASIS) infrastructures and international initiatives or infrastructures (GLIS, BrAPI, WheatIS, CropOntology...) → See GenRes Bridge; other?

• Provide a file repository for additional information to be stored as files: cooperation agreements, MoU, sMTA, protocols, etc. → ECPGR Secretariat coordination unit

• Develop actions for training and capacity building on data management, protocols and data standardization → See GenRes Bridge; other?
GenRes Bridge proposal: WP 4.1. Enhancing the central information systems

• Partners will identify in what way Information Systems should be improved to increase data quality and quantity and enhance access to the information stored (workshop)

• Training **workshop** for data providers

• Guidelines for data managers/providers for efficient data implementation into Information System (EURISCO) (report)
GenRes Bridge proposal: WP 4.2. Linking information systems

- Identifying the useful data expected by GenRes managers and users
  (inventory of use cases; workshop on data interoperability; strategy for delivery of information services to end-users)
- Improving implementation of the FAIR principle
  (state of the art of existing standards, vocabularies and guidelines; dissemination and training strategy)
- Building communities of interoperable information systems
  (searches across info systems; federation of info systems for plant community)