LIVESEED

European Workshop

Implementation of the Router Database

Xenia Gatzert, FiBL – WP1

25th November 2020

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 727230. The information provided reflects the views of the authors. The Research Executive Agency is not responsible for any use that may be made of the information provided.

Aim in LIVESEED

- Raise awareness on importance of functioning and up-to-date organic seed databases in the EU

→ Because: Any variety which has **not been registered in the database shall be considered as unavailable**

- Support national authorities in improving system and information quality of their databases
- Reduce administrative burdens for seed supplier to list organic seed in national organic seed databases → Router Database

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Current status of implementation

- All EU Member States (+CH) provide a “database” according to Art. 48 of EC 889/2008
- Implemented as: online database, Excel or PDF file
- Managed by: national authority or designated body
- Updating of data: database manager or seed supplier
- Frequency of updating: real-time, weekly, monthly to annually
- Data collection on granted/rejected derogations: automatically through online database or manually through authority

➢ Will remain, Router Database will be additionally to the national databases

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Sources of organic seed & vegetative planting material

→ Organic seed from national/local seed multiplication (mainly arable crops, some vegetables)

→ Organic seed from international seed multiplication (often hybrid-vegetable crops)

- For international seed trader: access to national database can be difficult
  - language barrier
  - administrative burdens
  - too many databases to deal with

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Vision on an EU-wide router database

- Support transparency of available organic seed offers
- Boost the use of organic seed and planting material
- Decrease derogations (as they should be an exception, not the rule)
- Simplify access to international organic seed markets
- Reduce administrative burdens for seed supplier
- Harmonize the use of databases in the EU
- Optional: Give information on breeding process
  - organic breeding, breeding for organic, conventional breeding
- Optional: Give information on critical techniques used in breeding process (e.g. CMS-Hybrids)

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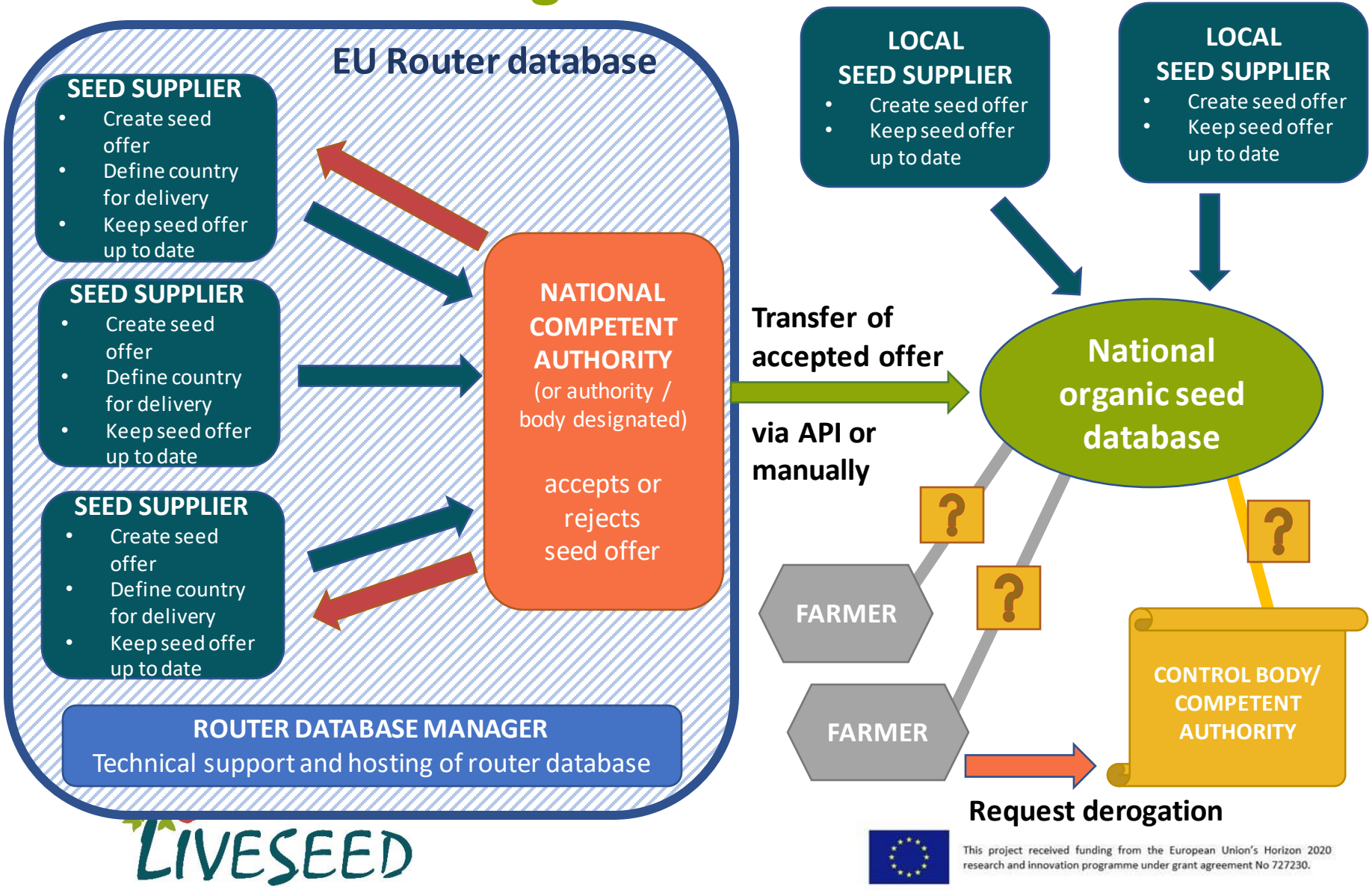
Aim of LIVESEED: Develop a EU-router database to link national organic seed databases



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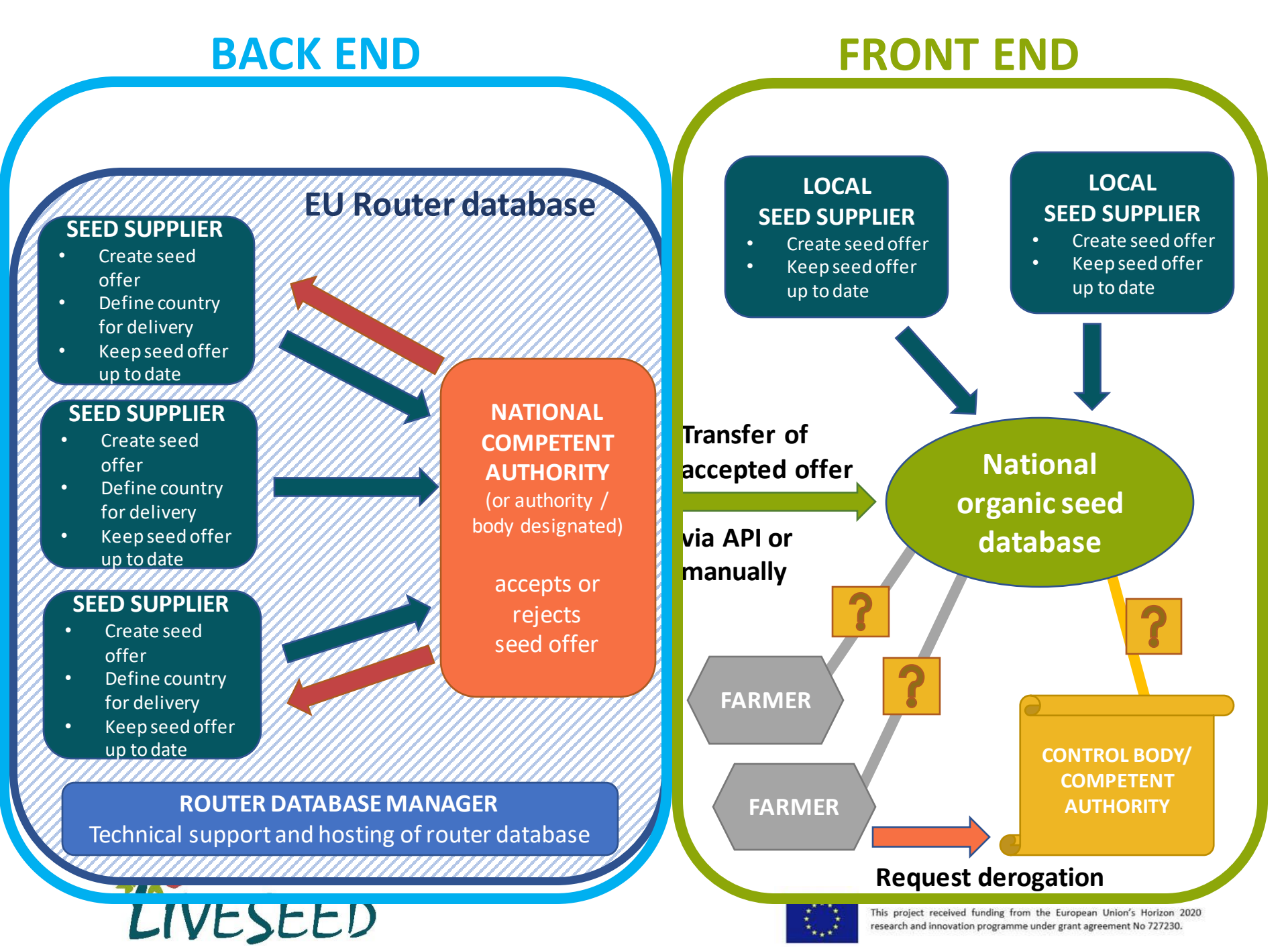
BACK END
FRONT END
EU Router database
SEED SUPPLIER
• Create seed offer
• Define country for delivery
• Keep seed offer up to date
SEED SUPPLIER
• Create seed offer
• Define country for delivery
• Keep seed offer up to date
SEED SUPPLIER
• Create seed offer
• Define country for delivery
• Keep seed offer up to date
NATIONAL COMPETENT AUTHORITY
(or authority / body designated)
accepts or rejects seed offer
ROUTER DATABASE MANAGER
Technical support and hosting of router database
LOCAL SEED SUPPLIER
• Create seed offer
• Keep seed offer up to date
LOCAL SEED SUPPLIER
• Create seed offer
• Keep seed offer up to date
Transfer of accepted offer
via API or manually
National organic seed database
FARMER
FARMER
CONTROL BODY/ COMPETENT AUTHORITY
Request derogation
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Background/ Front end - approach

- Reason: reach highest possible acceptance by member states authorities, control bodies and organic seed supplier
- Currently no legal basis for implementation of EU-wide router database

FRONT END

- Current Reg. (EC) No 889/2008 Art 48 (1): listing of the varieties for which [organic] seed or seed potatoes [….] are available on its territory
- New Reg. (EC) No 2018/884 Art 26 (5): may continue to use information systems that are already in existence

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Where we are

- Implementation of a test-version to test all features/functions etc.
- Have sent test-logins to seed supplier and authorities
- Implemented feedback from them
- Available languages: English and German
- Getting reports about history of available offers, which countries got seed offers, how did they react on the offers
- API to organicXseeds database

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Functions for seed supplier

- Register your company as seed supplier for organic seeds
- Choose in which countries you are able to deliver to
- Specify your offers regarding crop, cultivar, delivery notes and optional the quantity
- Decide in which countries you want to offer the seeds
- Manage the offers in each country individually
- View history of your seed offers
- Get feedback from national authorities about your offers
- Communicate with national authorities through message system

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Tasks for seed supplier

- Manage the offers and keep them up-to-date in all countries
- Be familiar with the special requirements for seed in the different countries
- Offer seed in countries only where you know that the cultivars can be grown
- Communicate with national authorities whenever needed (f.e. questions to certain cultivars)
- Be available for requests and questions from farmers, control bodies etc. in the countries where you offer seed

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Functions for national authorities

- See the list of seed offers that are available for your country
- See details regarding crop, cultivar, breeding method and information of seed supplier
- Decide to accept or reject the offer
- Download list of available offers for uploading it to your national seed database / use API
- Get in contact with supplier on their offer
- Manage/revise seed offers

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Functions for national authorities

- Get in contact with other national authorities via message system
- Manage seed supplier and their offers automatically
- View history of offers in your country
- Match cultivars to certain crop-subgroups (f.e. summer or winter wheat)
- Match derogation classification (f.e. Annex I) to crop-subgroups

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Tasks for national authorities

- Manage the offers in the Router Database
- Extract regularly reports with available cultivars and upload them to your national database (when no API is implemented)
- Give a clear reason when rejecting seed supplier or offers
- Be open for communication with seed supplier when they try to meet your requirements / improve their offers
- This tasks can be passed on to a database manager

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Functions for visitors

- View list of organic seed supplier in different member states; See name, contact data, location of office, website, offered crop
- See concept and background information of router database
- Get the link collection to national organic seed databases
- Download links to relevant documents (EC Regulations, reports, projects, …)
- View User-guides, FAQ
- Apply as a supplier for organic seeds

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Router database - Next steps

- Translation of database in all languages in the member states
- Improve reports to download
- Install Seed-Upload possibility for supplier
- Fix bugs
- Create logins for all national authorities

By Feb 2021

- Concept to ensure maintenance and longevity of database
- Concept for financing after project LIVESEED ends

By May 2021

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Create logins

- Please send me the email address we should deposit for each member state
- Important in case password is forgotten
- Send it to me and the name of the member state via chat (private) or via mail to xenia.gatzert@fibl.org
- Data will not be used for anything else than getting Router Database working

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