

TOP 1: General introduction of FAIRagro and overview of current activities

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This work was created as part of the NFDI Consortium FAIRagro (www.fairagro.net). We gratefully acknowledge the financial support of the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation)–project number 501899475.

Our objectives: FAIR data for agrosystem research

Foster a cultural change towards FAIR and collaborative RDM.

Findable **A**ccessible **I**nteroperable **R**eusable

Provide interoperable infrastructures to enable integrated research

Establish standards, guidelines and best-practices to enable FAIR RDM.



Enable reproducible research results and data analysis workflows.

Provide legal certainty to data providers and users for sensitive data.

Ensure data quality via domain-specific measures.

Our partners: leading institutions in the agrosystem domain



11 (Co-)applicants + 18 participants

- Universities
- Universities of applied sciences
- Research institutes
- Federal (research) institutes
- Infrastructure facilities
- Governmental institutions
- Professional scientific associations

Representing important disciplines in

- Crop sciences
- Soil sciences
- Agri-environmental sciences

1st round (9 consortia)

- DataPLANT
- GHGA
- KonsortSWD
- NFDI4BioDiversity
- NFDI4Cat
- NFDI4Chem
- NFDI4Culture
- NFDI4Health
- NFDI4Ing

(started October 2020)

2nd round (10 consortia)

- BERD@NFDI
- DAPHNE4NFDI
- FAIRmat
- MaRDI
- NFDI4DataScience
- NFDI4Earth
- NFDI4Microbiota
- NFDI-MatWerk
- PUNCH4NFDI
- Text+

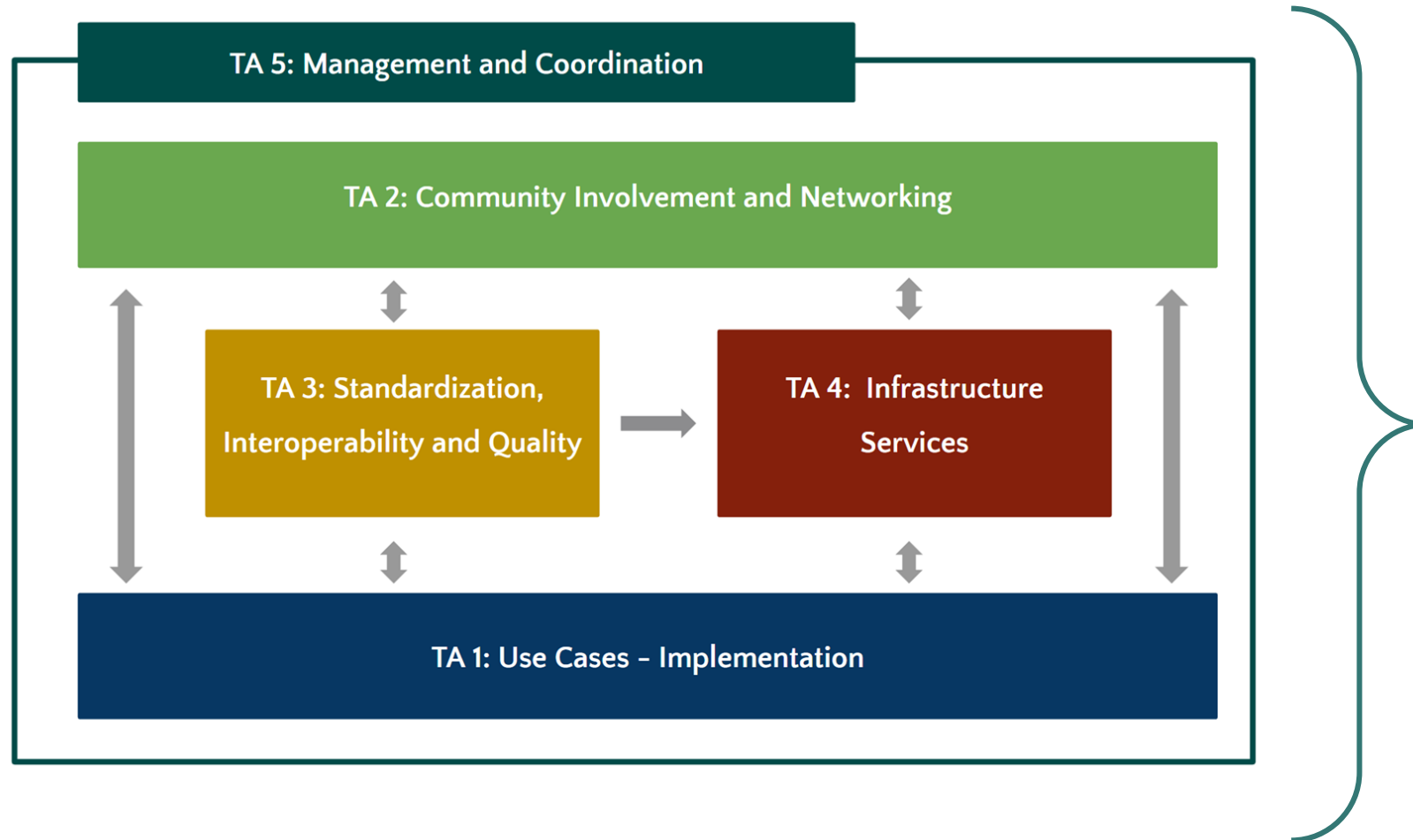
(started October 2021)

3rd round (8 consortia)

- **FAIRagro**
- NFDI4BIOIMAGE
- NFDI4Energy
- NFDI4Immuno
- NFDI4Memory
- NFDI4Objects
- NFDI4CS
- Base4NFDI

(start March 2023)

Our Task Areas

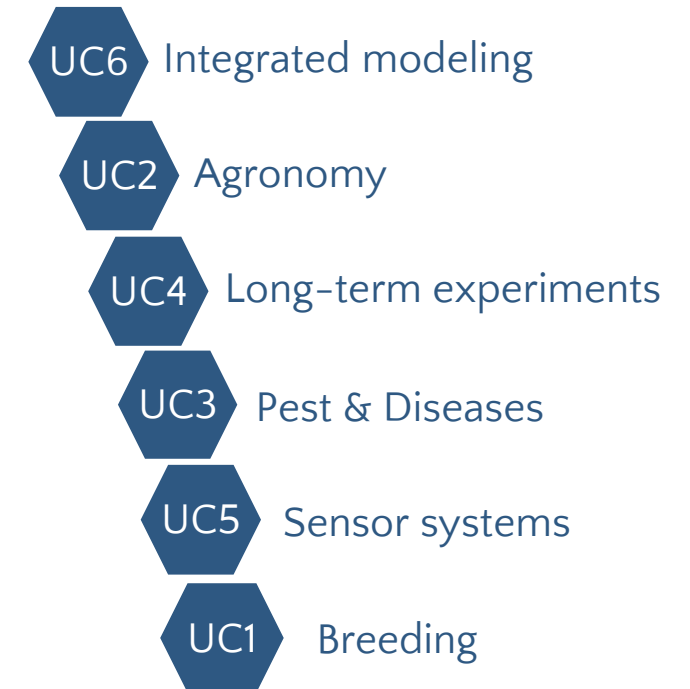


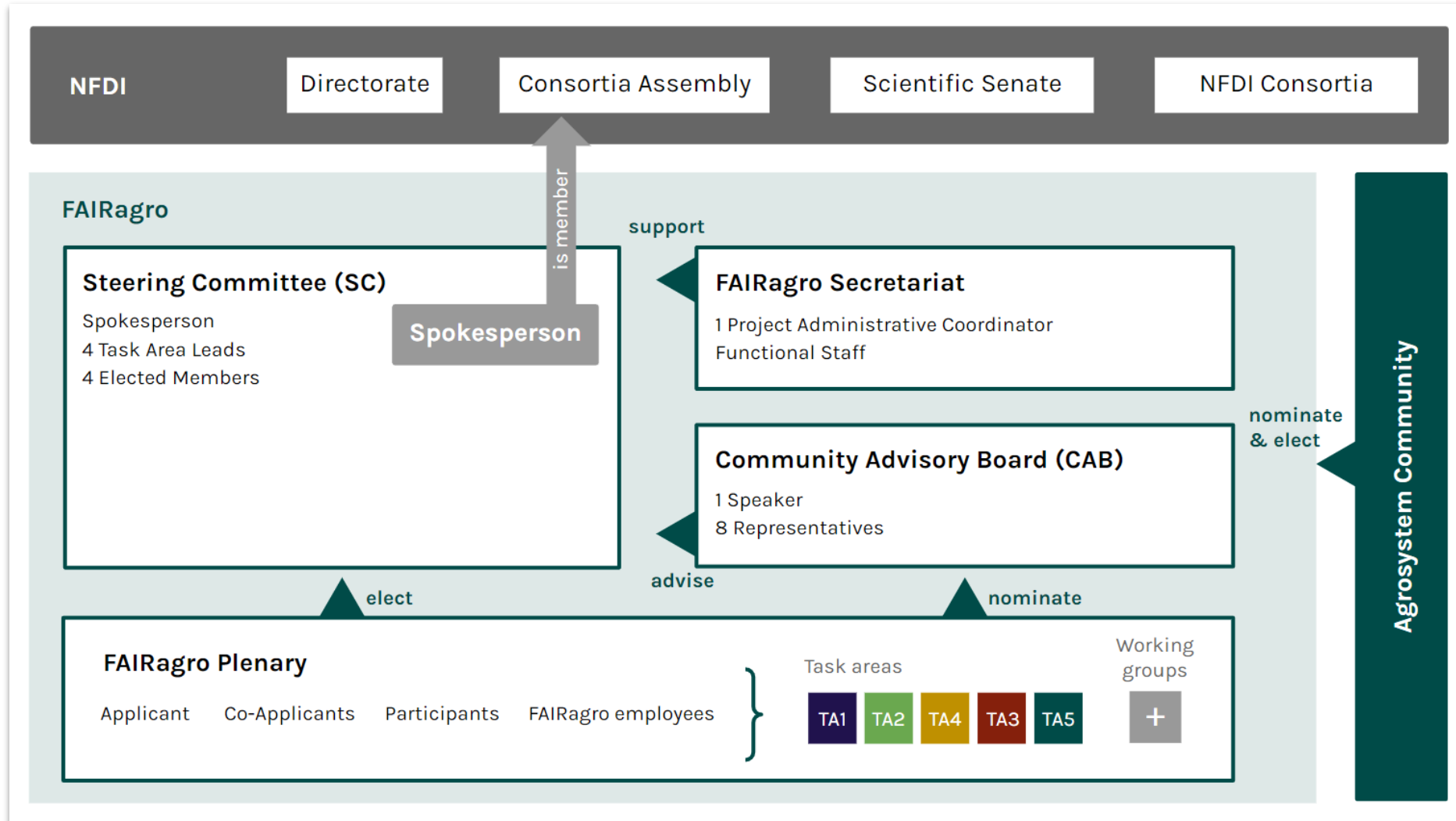
Our use cases

Flagship use cases on relevant sustainability problems

Scales

Use cases

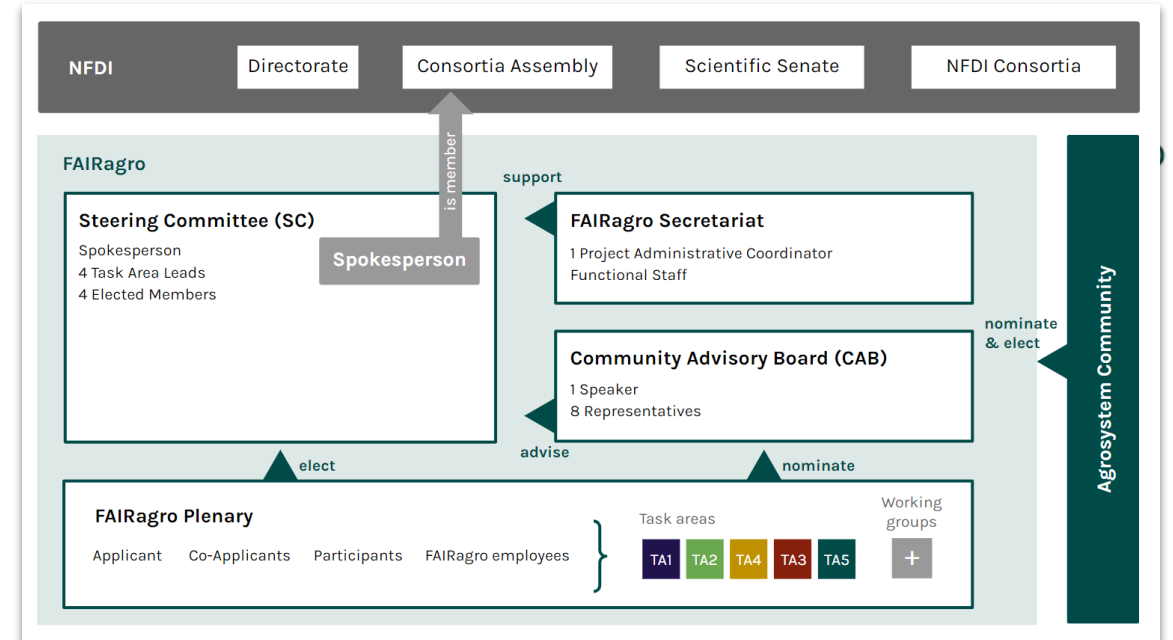




FAIRagro Governance

Steering Committee:

- Implementation of the general project strategy
- Project progress monitoring
- Reporting
- Decision integration of new use cases or participants



Further details: [“FAIRagro Governance und Arbeitsmodus”](#)

Election of 4 SC members

- Election (21.-25. April 2023)
- 1st period: 6 months
- Representation of different groups
 - 1 (Co)-applicant
 - 2 Participants
 - 1 Young scientist
- 1 vote per institution (n=29)

Candidates

(Co)-applicant (1)

Prof. Dr. Juliane Fluck | ZB MED
Florian Hoedt | Thünen
Dr. Daniel Arend | IPK

Participants (2)

James M. Anderson | ATB

Young Scientist (1)

Dr. Florian Beyer | JKI
Stephan Lesch | SGN

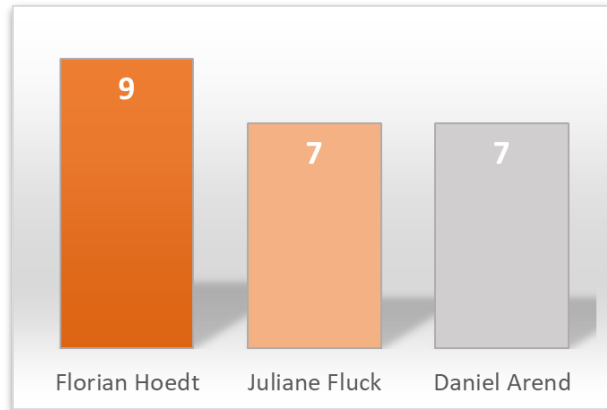
FAIRagro Governance – Election of SC members

Candidates

(Co)-applicant (1)

Prof. Dr. Juliane Fluck | ZB MED
Florian Hoedt | Thünen
Dr. Daniel Arend | IPK

Votes



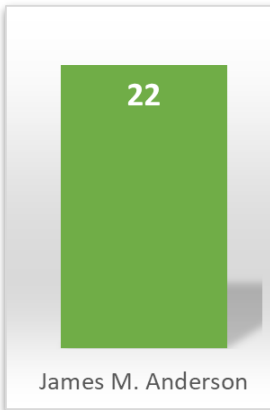
23 votes, 6 abstentions

(1) Florian Hoedt

(rule: gender balance SC)

Participants (2)

James M. Anderson | ATB



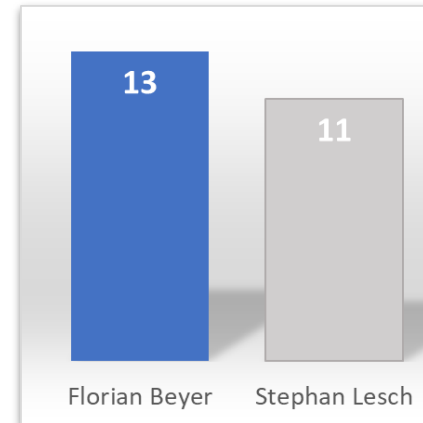
22 votes, 7 abstentions

(1) James M. Anderson

*(rule: surcharge best defeated;
no deputies)*

Young Scientist (1)

Dr. Florian Beyer | JKI
Stephan Lesch | SGN



24 votes, 5 abstentions

(1) Florian Beyer

*(rule: surcharge 2nd best
defeated)*

Our alternates

- Stephan Lesch (11)
- Juliane Fluck (7)
- Daniel Arend (7)

FAIRagro Governance – Election of SC members

(Co)-applicant (1)

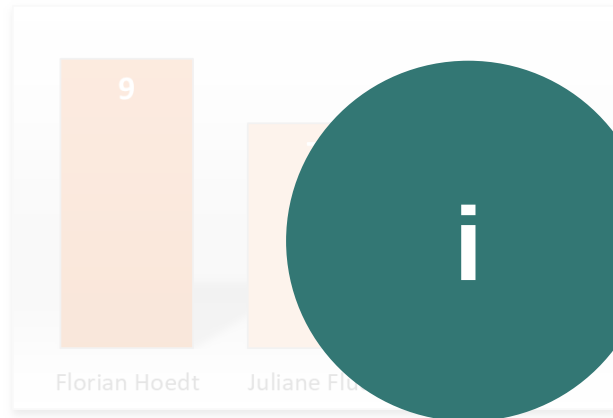
Prof. Dr. Juliane Fluck | ZB MED
Florian Hoedt | Thünen
Dr. Daniel Arend | IPK

Participants (2)

James M. Anderson | ATB

Young Scientist (1)

Dr. Florian Beyer | JKI
Stephan Lesch | SGN



23 votes, 6 abstentions

(1) Florian Hoedt

Juliane Fluck (deputy)

(rule: gender balance SC)

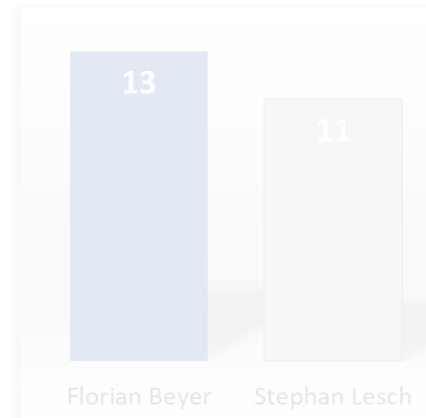
September 2023

- Regular election of SC members
- 2 years period

Please candidate!

(2) Stephan Lesch

(rule: surcharge best defeated;
no deputies)



24 votes, 5 abstentions

(1) Florian Beyer

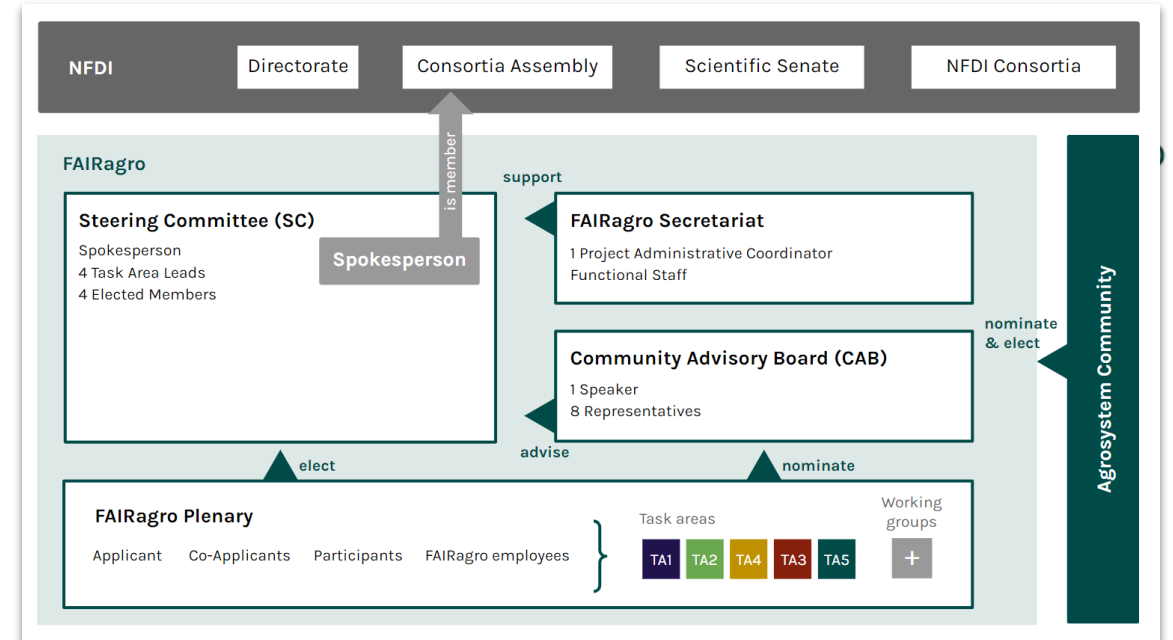
Daniel Arend (deputy)

(rule: surcharge 2nd best
defeated)

FAIRagro Governance

Spokesperson

- Leads FAIRagro consortium
- Represents the consortium in the NFDI association
 - e.g. in consortium meetings
- Contact for DFG



Further details: [“FAIRagro Governance und Arbeitsmodus”](#)

Election of spokesperson and deputy spokesperson

- According to NFDI association statutes
- Election (21.-25. April 2023)
- 1 vote per institution which is NFDI association member (n=13)
 - 1 spokesperson
 - 1 deputy spokesperson
- Period: two years

Election results (11 votes, 2 abstentions)

Spokesperson

Frank
Ewert



Dep. Spokesperson

Xenia
Specka



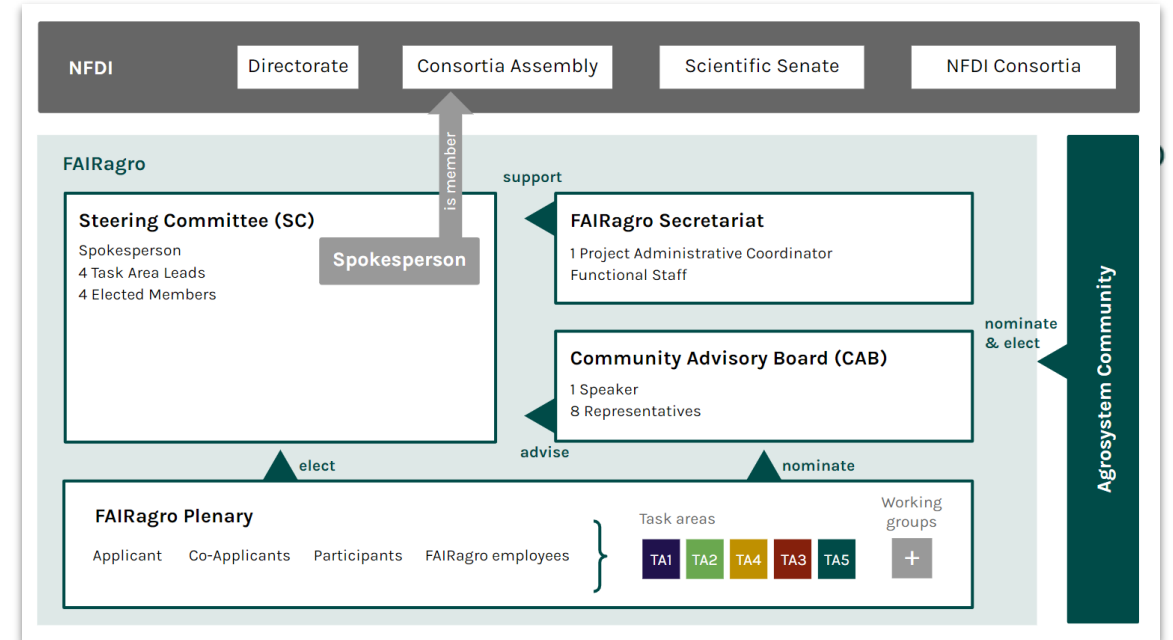
FAIRagro Governance

FAIRagro Plenary

- Consists of all members in FAIRagro
- Meets once per year
- Information exchange
- Election of four SC members and Spokesperson
- Nominates members for the Community Advisory Board

Community Advisory Board (CAB)

- Nine national or international experts with scientific or RDM expertise
- Strategic advice
- Recommends on new use case proposals



Further details: [“FAIRagro Governance und Arbeitsmodus”](#)

FAIRagro Secretariat

- Project management and coordination
- Supports Spokesperson and Steering Committee
- Project progress monitoring
- Reporting

Overview of recent activities

Physical meeting of the Steering Committee in Berlin

- 16. January 2023
- Leibniz-Association in Berlin
- Topics
 - Agreement on implementation of budget cuts
→ Major outcome: flex funds were strongly reduced (effects to UC onboarding)
 - Impact on the work program
- Regular monthly meetings of the Steering Committee



Overview of recent activities

FAIRagro at the PLANT2030 status seminar

- Poster by Matthias Lange und Daniel Arend (IPK)
- Talk by Björn Usadel (FZJ)



Matthias Lange, Daniel Arend und Uwe Scholz (v.l.) at PLANT2030

Overview of recent activities

Highlight publications

Senft M, Stahl U, Svoboda N (2022)

Research data management in agricultural sciences in Germany: We are not yet where we want to be. PLoS ONE 17(9): e0274677.

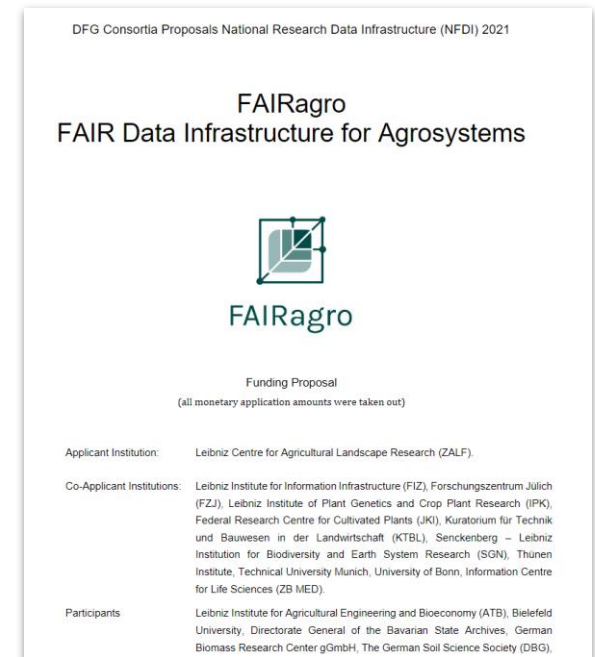
<https://doi.org/10.1371/journal.pone.0274677>



Specka, X., Martini, D., Weiland, C. *et al.*
FAIRagro: Ein Konsortium in der Nationalen Forschungsdateninfrastruktur (NFDI) für Forschungsdaten in der Agrosystemforschung. *Informatik Spektrum* 46, 24–35 (2023).
<https://doi.org/10.1007/s00287-022-01520-w>



Ewert, F. *et al.* (2023). FAIRagro FAIR Data Infrastructure for Agrosystems – Proposal 2021 (1.1). Zenodo.
<https://doi.org/10.5281/zenodo.7528172>



Preparation of the project start

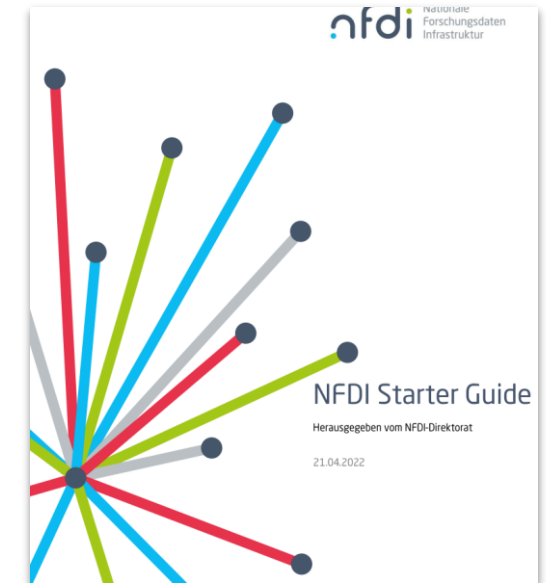
- Revision of the work program caused by budget cuts
- Consortial agreement
- Exchange of experiences with other consortias
 - NFDI4Earth
 - DAPHNE
 - NFDI4Memory
- Preparation the transfer of funds to partners



Overview of recent activities

Since project start

- Recruiting of FAIRagro personnel
- Preparation of onboarding document
- FAIRagro Plenary Meeting
- Elections



NFDI Starter guide

Email

FAIRagro secretariat: fairagro@zalf.de

Task Area Email lists

Task Area 1: ta1_fairagro@listserv.dfn.de

Task Area 2: ta2_fairagro@listserv.dfn.de

Task Area 3: ta3_fairagro@listserv.dfn.de

Task Area 4: ta4_fairagro@listserv.dfn.de

Task Area 5: ta5_fairagro@listserv.dfn.de

Rocket.Chat

- Communication within FAIRagro
- Exchange with other NFDI consortia

Email at fairagro@zalf.de

(subject: FAIRagro Rocket.Chat)

to receive a rocket.chat account in the NFDI instance





Thank you ...