



MAIA
Mapping and Assessment for
Integrated ecosystem Accounting



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Overview of Progress and Lessons learnt by MAIA countries

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4. Conclusions

1. NCA progress in MAIA MS:

Summary of Ecosystem core accounts

(MAIA Deliverable D3.3)

MAIA contribution and largest spatial scale

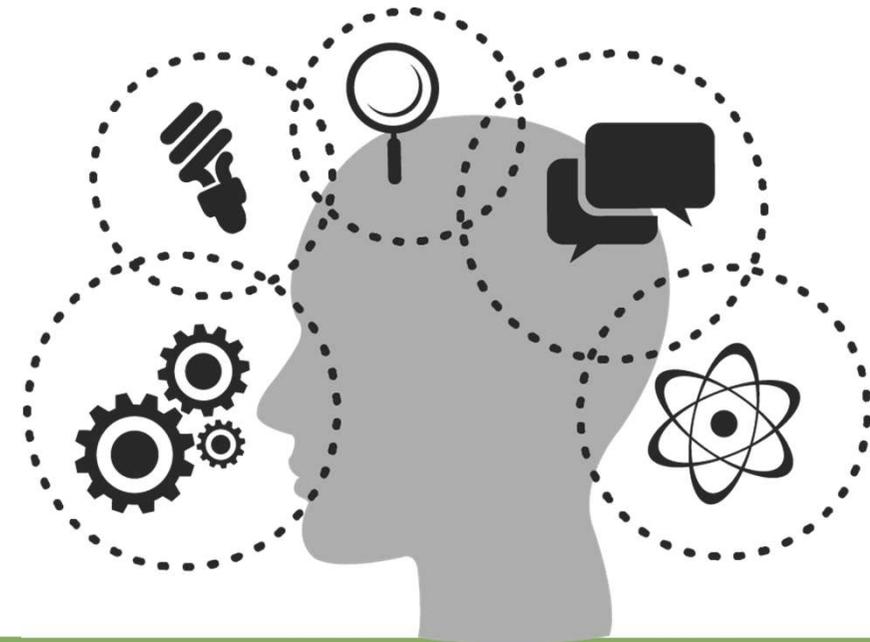
| | |
|---|---|
|  | MAIA-supported Account - national scale |
|  | MAIA-independent Account - national scale |
|  | MAIA-supported Account – sub-national scale |
|  | MAIA-independent Account – sub-national scale |

| MAIA countries | Status of the account | Core accounts | | | | |
|----------------|-----------------------|---|---|---|---|---|
| | | Extent account | Condition account | Biophysical ecosystem services account | Monetary ecosystem services account | Ecosystem asset account |
| Belgium | Finished |  | |  |  | |
| | On-going /planned | |  | | | |
| Bulgaria | Finished | | | | | |
| | On-going /planned |  | |  | | |
| Czech Republic | Finished |  | | | |  |
| | On-going /planned | | |  | | |
| Finland | Finished | |  | | |  |
| | On-going /planned |  | | | | |
| France | Finished | | | |  |  |
| | On-going /planned |  | | | |  |
| Germany | Finished |  | |  | |  |
| | On-going /planned |  | | | |  |
| Greece | Finished |  | | | |  |
| | On-going /planned | |  |  | | |
| Netherlands | Finished | |  |  | |  |
| | On-going /planned | | | | | |
| Norway | Finished | | | | |  |
| | On-going /planned | |  | | | |
| Spain | Finished |  |  |  |  |  |
| | On-going /planned | |  | | | |

2. Exemplary solutions & lessons learned

2.1 Lack of policy support

2.2 Lack of technical skills/ knowledge



2. Exemplary solutions & lessons learned

2.1 Lack of policy support

- Raising awareness
 - Dissemination of EA results
 - Organization of national meetings and discussions with relevant stakeholders
 - Improving understanding about EA, explaining the context, and objectives to ensure e.g. EA is not a “black box” or in competition with other data or indicator exercises
- Foster cooperation and communication between institutions
 - Getting into discussions with the relevant Agencies and Ministries
 - Ensure close cooperation with the Statistical Offices

2. Exemplary solutions & lessons learned

2.1 Lack of policy support

Biggest challenge to date: Gap remaining in some MS with regard of **clear mandate** and defined responsibilities across national authorities

Progress in
MAIA MS

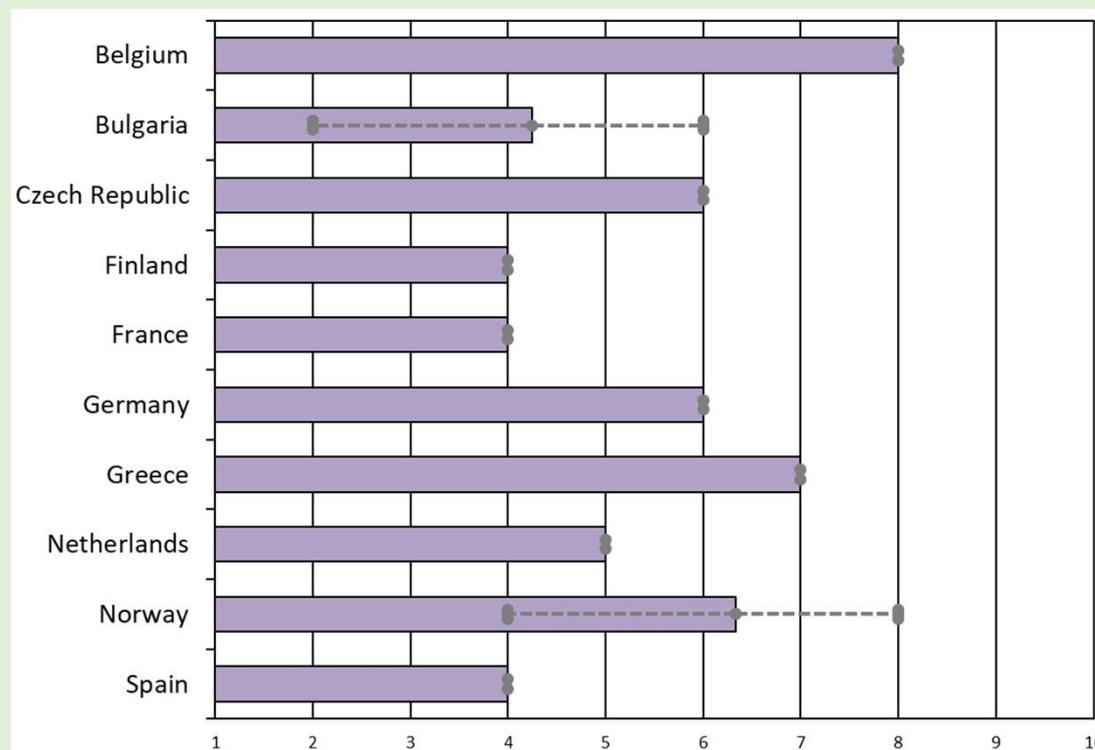


Figure 1:
Mean MS-specific survey responses to which extent the survey respondents overcame the issue of “lack of policy support” in their country.

From
1 = no progress to
10 = issue completely overcome

2. Exemplary solutions & lessons learned

2.2 Lack of technical skills/ knowledge

- Involvement in (pilot) projects
- Continuously following the international SEEA-EA work
- Literature reviews
- **(International) exchange**
 - Through workshops and personal discussions
(striving for knowledge sharing and/ or synergies)
 - Building stronger cooperation with research institutes with ecological expertise
 - Active participation in international expert meetings
 - (Country) workshops to discuss technical challenges
- Building technical staff in remote sensing, GIS modelling of ES and monetary valuation, through national research grant funding for pilot testing

2. Exemplary solutions & lessons learned

2.2 Lack of technical skills/ knowledge

Progress in MAIA MS

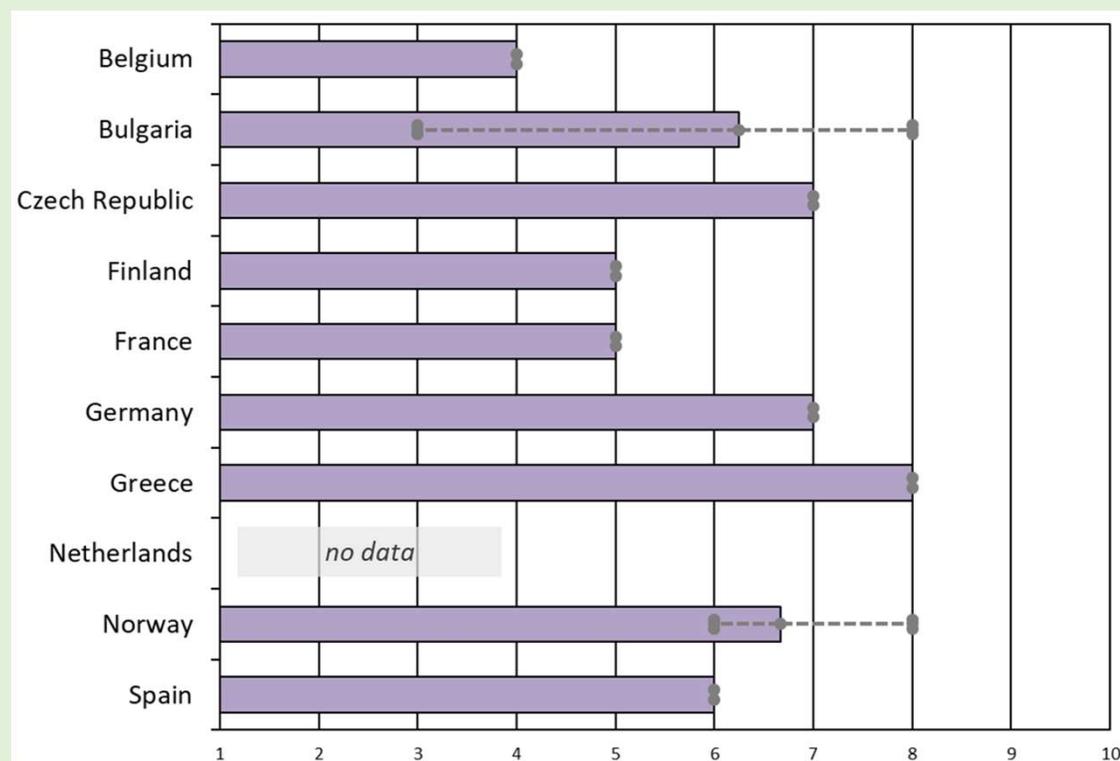


Figure 2:
Mean MS-specific survey responses to which extent the survey respondents overcame the issue of “lack of technical skills/ knowledge” in their country.

From
1 = no progress to
10 = issue completely overcome



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA

1.

2.

3.

4.

5.

6.

7.

8.



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA

1. Identification of the purpose, thematic scope/ relevant questions for the accounting

- Alignment with policy priorities in EU member states and institutions
- Identification of specific ecosystem type (e.g. forest, marine)



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA

1. Identification of the purpose, thematic scope/ relevant questions for the accounting

2. Identification and involvement of Stakeholders

- Creating networks and communities of practice, as well as engaging colleagues from other related disciplines
- Collaboration with statistical agencies and other relevant government offices
- Participation and/ or organization of workshops for knowledge creation and sharing
- Promotion of (upcoming) European regulation, strategies and the EU Green Deal



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA

1. Identification of the purpose, thematic scope/ relevant questions for the accounting
2. Identification and involvement of Stakeholders
3. Collection of relevant (open access) dataset
 - Collection of data from national/ international platforms, data services and monitoring systems
 - Inquiring and compilation of datasets from collaboration partners and stakeholders



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA

1. Identification of the purpose, thematic scope/ relevant questions for the accounting
2. Identification and involvement of Stakeholders
3. Collection of relevant (open access) dataset
4. Method selection (biophysical and monetary) for accounting
 - Compliance with SEEA-EA guidelines
 - Based on interdisciplinary/transdisciplinary research
 - Harnessing international experiences from MAIA partners and projects such as ESMERALDA, OpenNESS, OPERAs, MAES, KIP-INCA and WAVES
 - Collaboration with statistical agencies, other relevant government offices and research institutions



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA

1. Identification of the purpose, thematic scope/ relevant questions for the accounting
2. Identification and involvement of Stakeholders
3. Collection of relevant (open access) dataset
4. Method selection (biophysical and monetary) for accounting
5. Pilot account compilation
 - Testing and evaluation of various approaches in suitable pilot accounts
 - Compilation of Ecosystem Account(s) (generation of maps and accounting tables)



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA

1. Identification of the purpose, thematic scope/ relevant questions for the accounting
2. Identification and involvement of Stakeholders
3. Collection of relevant (open access) dataset
4. Method selection (biophysical and monetary) for accounting
5. Pilot account compilation
6. Dissemination and Communication
 - Publication of outcomes, (critical) discussion of results and (un)certainities
 - Appropriate communication of results for different user groups
 - Organization of (a) national workshop(s) to communicate results and raise awareness about Ecosystem Accounting
 - Compilation of a structured argumentation on the need for/ relevance of Ecosystem Accounting



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA

1. Identification of the purpose, thematic scope/ relevant questions for the accounting
2. Identification and involvement of Stakeholders
3. Collection of relevant (open access) dataset
4. Method selection (biophysical and monetary) for accounting
5. Pilot account compilation
6. Dissemination and Communication
7. Integration into official national statistics
 - Development of guidance materials to report on technicalities and to facilitate experience sharing incl. employment of consistent data sharing and documentation protocols
 - Consultation of National Statistical Offices



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA

1. Identification of the purpose, thematic scope/ relevant questions for the accounting
2. Identification and involvement of Stakeholders
3. Collection of relevant (open access) dataset
4. Method selection (biophysical and monetary) for accounting
5. Pilot account compilation
6. Dissemination and Communication
7. Integration into official national statistics
8. Implementation and policy use
 - Dissemination of successful policy applications of Ecosystem Accounts from front-runner countries to national sector agencies
 - Providing a standardized approach on NCA data reporting (e.g. at national level, based on the EEA reference grids)



Proposed recommended steps for a

3. Successful implementation & mainstreaming of NCA

1. Identification of the purpose, thematic scope/ relevant questions for the accounting
2. Identification and involvement of Stakeholders
3. Collection of relevant (open access) dataset
4. Method selection (biophysical and monetary) for accounting
5. Pilot account compilation
6. Dissemination and Communication
7. Integration into official national statistics
8. Implementation and policy use

4. Conclusions

- Significant development has been achieved in each MAIA MS
 - Some MS developed first pilot accounts, whereas other MS managed to transit to the generation of official accounts in the framework of their national statistics

Exchange of knowledge, awareness-raising and capacity building are major project outcomes that directly lead to better implementation in EU MS

- The MAIA community highly appreciates the different MAIA activities aiming at **sharing information and progress** on NCA mainstreaming
 - The vivid (international) cooperation and expert network of the MAIA community enabled MS to move forward and to achieve progress in a variety of encountered challenges
- Based on MAIA MS experiences:
Proposed **recommended steps** for a successful implementation & mainstreaming of NCA



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Thanks a lot for your attention!

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