Access to Interoperability checkings
67th MIG-T meeting 08/10/2021

Benoît Fricheteau (AGDP-Belgium) - Nathalie Delattre (IGN-Belgium)

Agenda
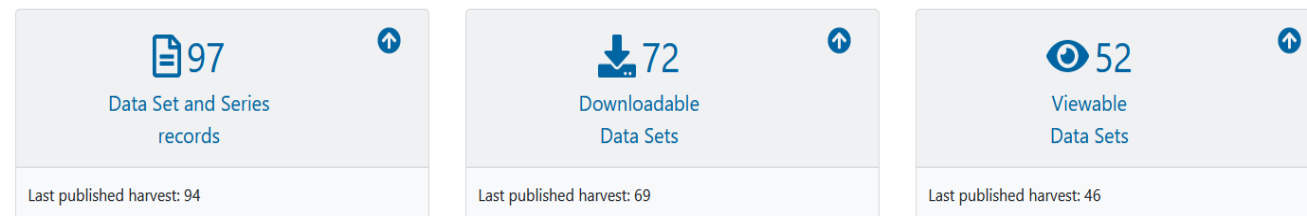
1. State of the Art and findings
2. Proposals

1.1 Existing Checkings "check and publish"
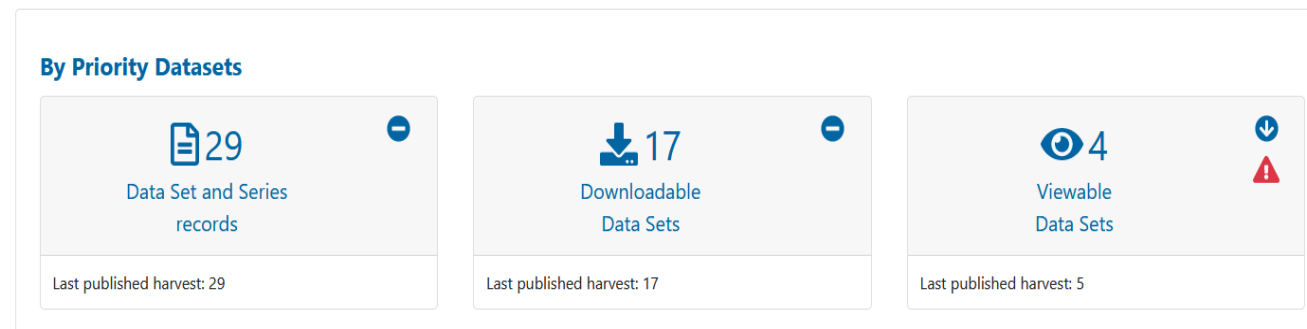
N°1 Global summary of interoperability

Harvesting report

🇧🇪 Executed on 2021-07-08 11:06:02. Retrieved metadata records count: 138

Complete overview of the harvest session

📄 97	⬇ 72	👁 52
Data Set and Series records	Downloadable Data Sets	Viewable Data Sets
Last published harvest: 94	Last published harvest: 69	Last published harvest: 46

Filtered results

By Priority Datasets

📄 29	⬇ 17	👁 4
Data Set and Series records	Downloadable Data Sets	Viewable Data Sets
Last published harvest: 29	Last published harvest: 17	Last published harvest: 5

1.2 Existing Checkings

N° 2 Issues reporting concerning unvisible or undownloadable datasets

INSPIRE Geoportal Harvest console

Resource title	Resource FieId	Responsible organization	View service	Download service	Download link	Details
Geological map of Belgium (1:250000)	4df0c9b9-61d9-4895-8872-4776ff2c9af2	Royal Belgian Institute for Natural Sciences, Directorate Earth and History of life, Geological Survey of Belgium (GSB)	Not available	Not available	Not available	View the details
Population demographic characteristics dataset in support of the Marine Strategy Framework Directive (MSFD) Descriptor 1 (D01C03, 2018 Reporting)	bmdc.be:dataset:2036	Royal Belgian Institute for Natural Sciences (RBINS), Directorate Natural Environment (OD Nature), Belgian Marine Data Centre (BMDC)Instituut voor Natuur- en Bosonderzoek / Research Institute for Nature and Forest (INBO)	Not available	Not available	Not available	View the details

Not exportable

1.3 Existing checkings

N°3 Global overview of datasets **and** services interoperability monitoring (old version TG 1.3) but still available

Better target to what should be corrected

View on the interoperability score and better identification of the mistaking services

1.4 Existing workflow
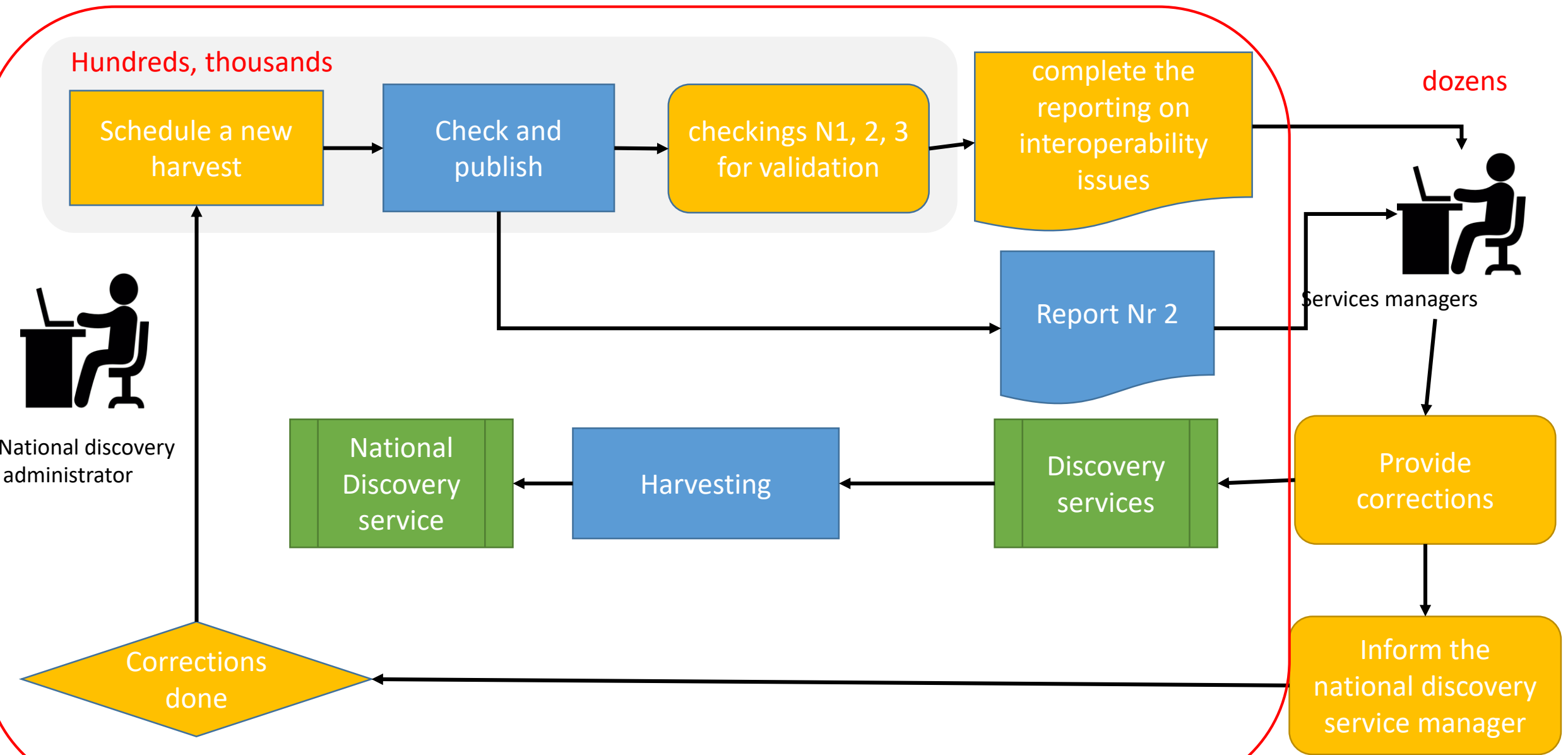
1.4 Findings

- Many reports or tools are restricted to CSW administrators , the consequences are:

  - Datasets/services managers need additional reporting done by the discovery administrator
  - Coordination is interactive; formal go from the managers for a new harvest on the european console

- What 's happen when dozens of service managers and thousands of metadata?

2.1Proposal 1: give access to the interoperability tools and reporting to the services managers (free or with allowance)

Hundreds, thousands

Schedule a new harvest → Check and publish → checkings N1, 2, 3 for validation
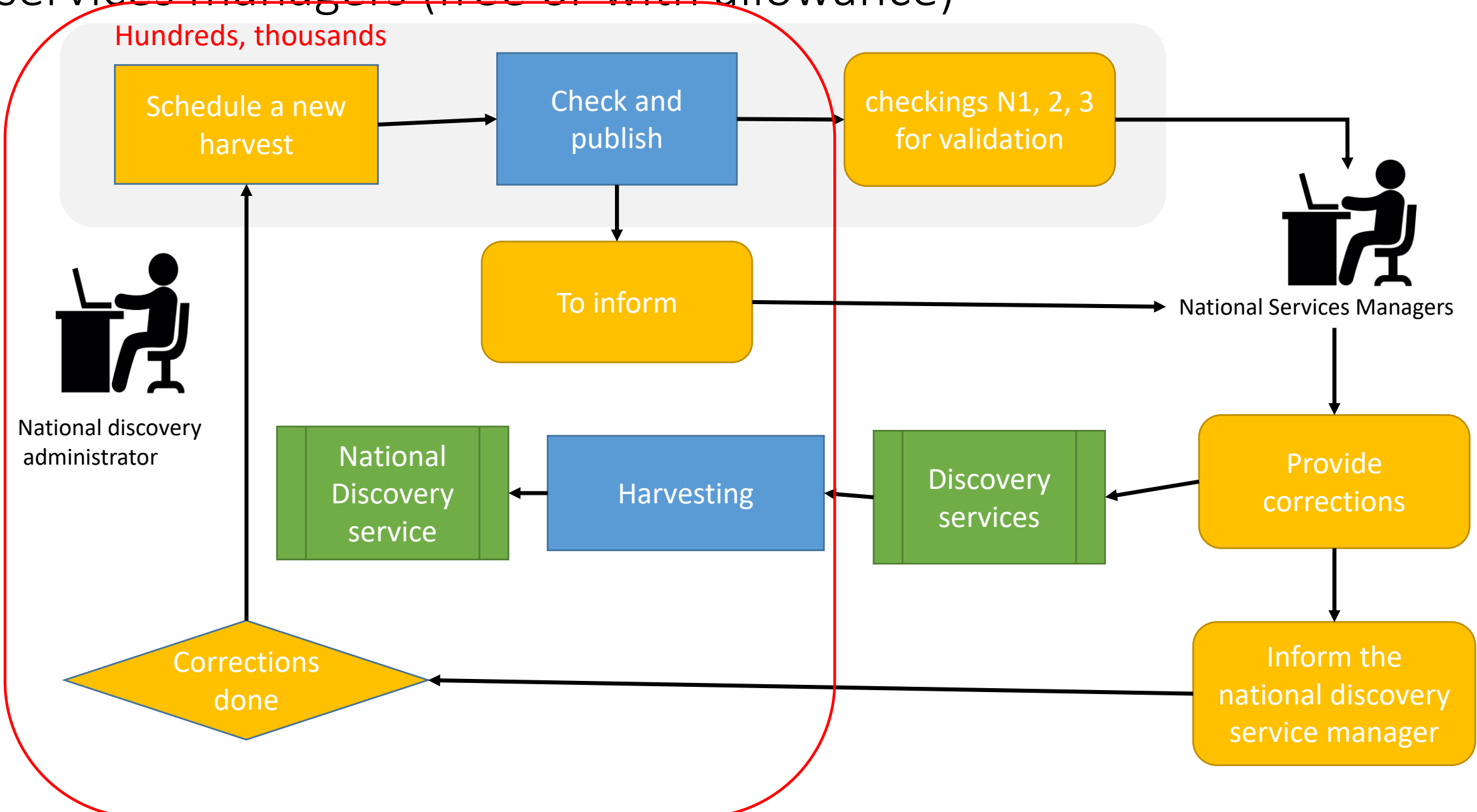
Check and publish ↓ To inform

To inform → National Services Managers

National discovery administrator

National Services Managers ↓ Provide corrections

National Discovery service ← Harvesting ← Discovery services ← Provide corrections

Provide corrections ↓ Inform the national discovery service manager

Inform the national discovery service manager → Corrections done

Corrections done

2.2 Proposal 2 : the interoperability tools and reporting are runnable on the national discovery service.
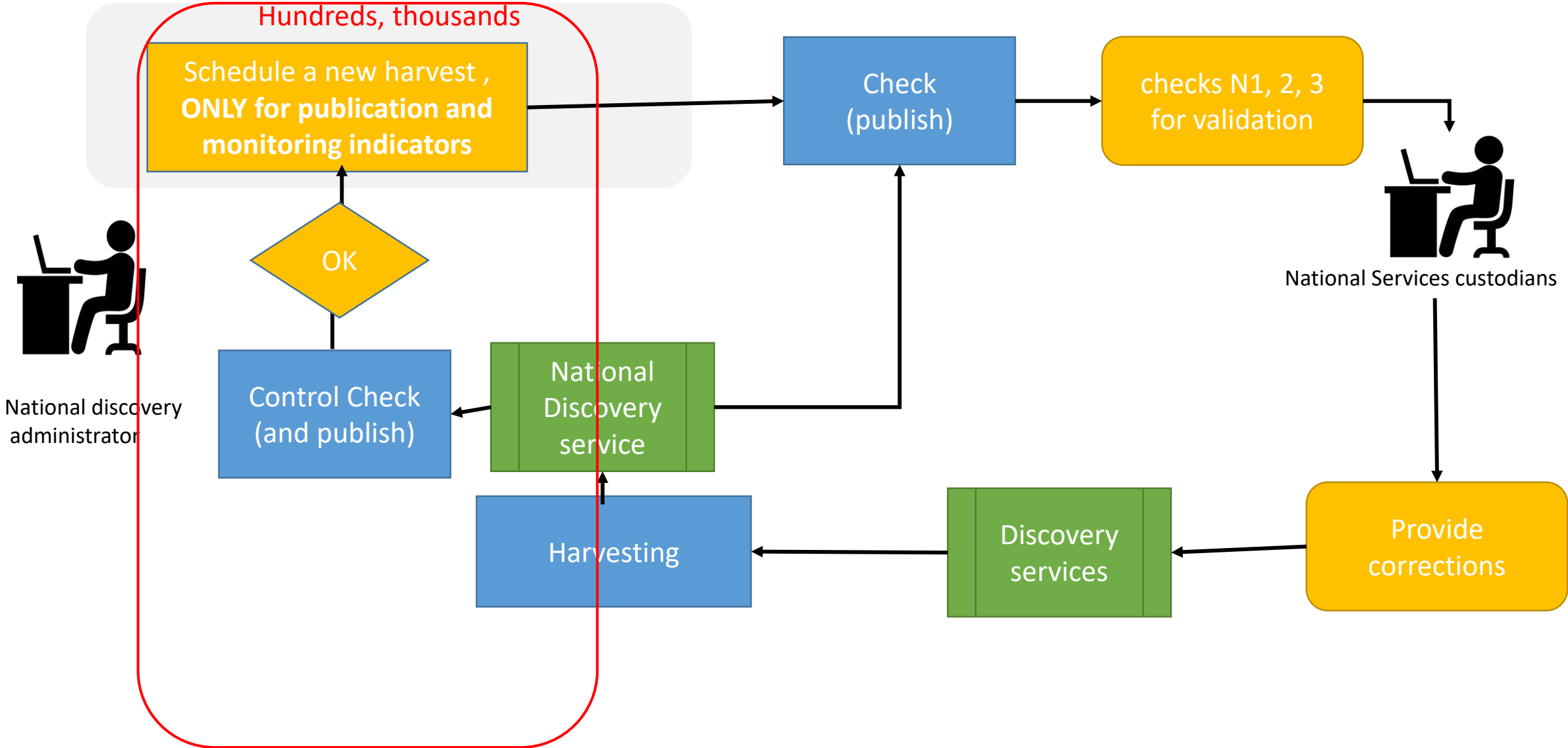
2.3 Proposal: what to put in « View details » button

- Upgrading global overview of unvisible/undownloadable datasets **AND** unfully interoperable services
  - Making it compliant with TG 2.0
  - Making it accessible to all unauthentifed persons (or giving access to anyone asking for it)
  - Making it more user friendly
- Or ??

Discussion

- What about the efficiency of the process?
- What about the possibility to share the interoperability checkings with other stakeholders (service managers)?
  - Specific access to the harvest console?
  - Independent Interoperability checkings runnable on the national CSW?

Contact:Nathalie Delattre
Email: nathalie.delattre@ngi.be