

The IMPEL project JoNeF for the monitoring
of macrofungi in Europe

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IMC12

12TH INTERNATIONAL
MYCOLOGICAL
CONGRESS

MAASTRICHT, NETHERLANDS

11—15.08

2024

The IMPEL Network



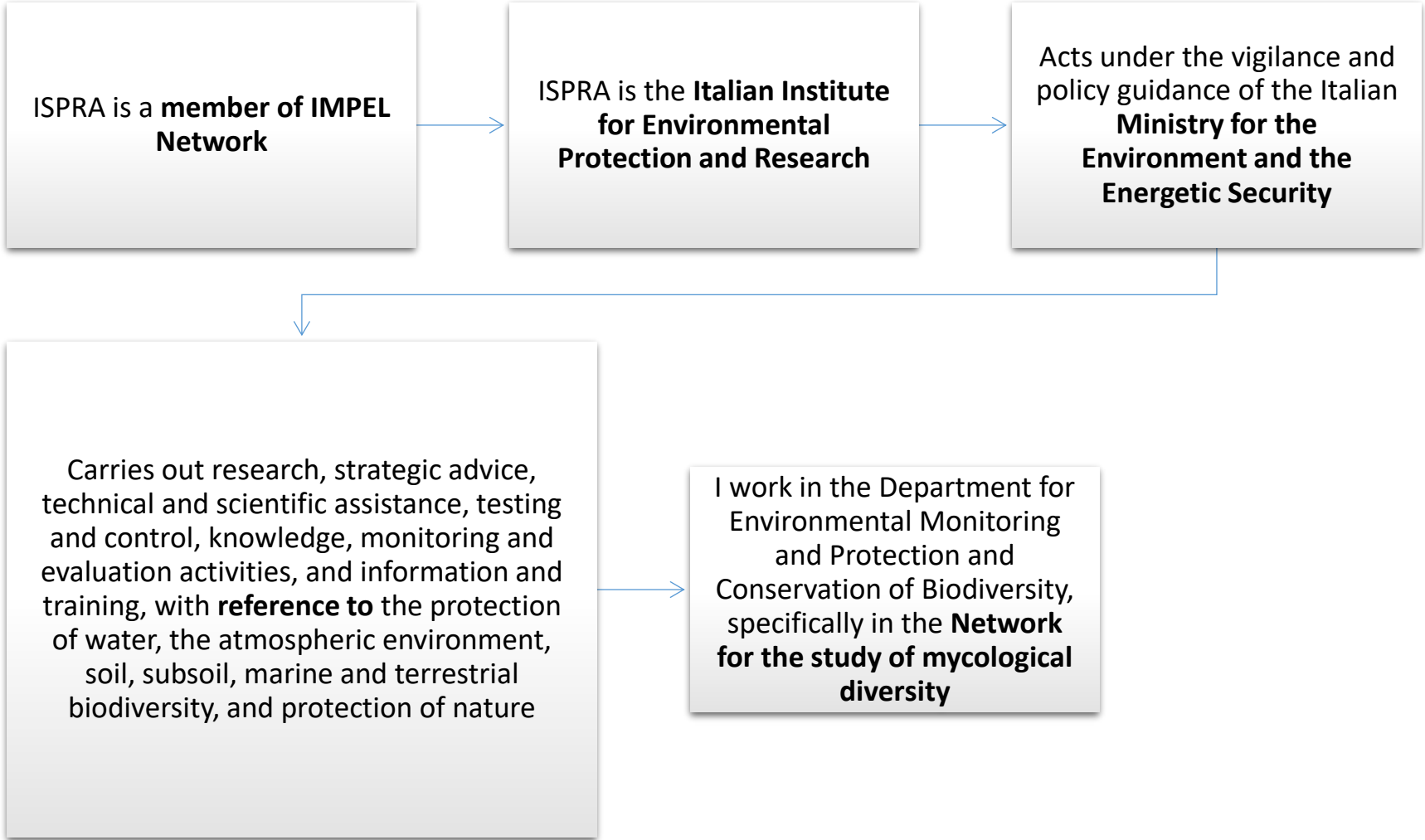
IMPEL is the **European Union Network** for the Implementation and Enforcement of Environmental Law



IMPEL is an **international non-profit association** of the **environmental authorities** of the European Union Member States



The mission is ensuring effective implementation and enforcement of **European environmental law** by promoting professional collaboration, information, and best-practice exchange between **environmental regulators**



The origin of JoNeF



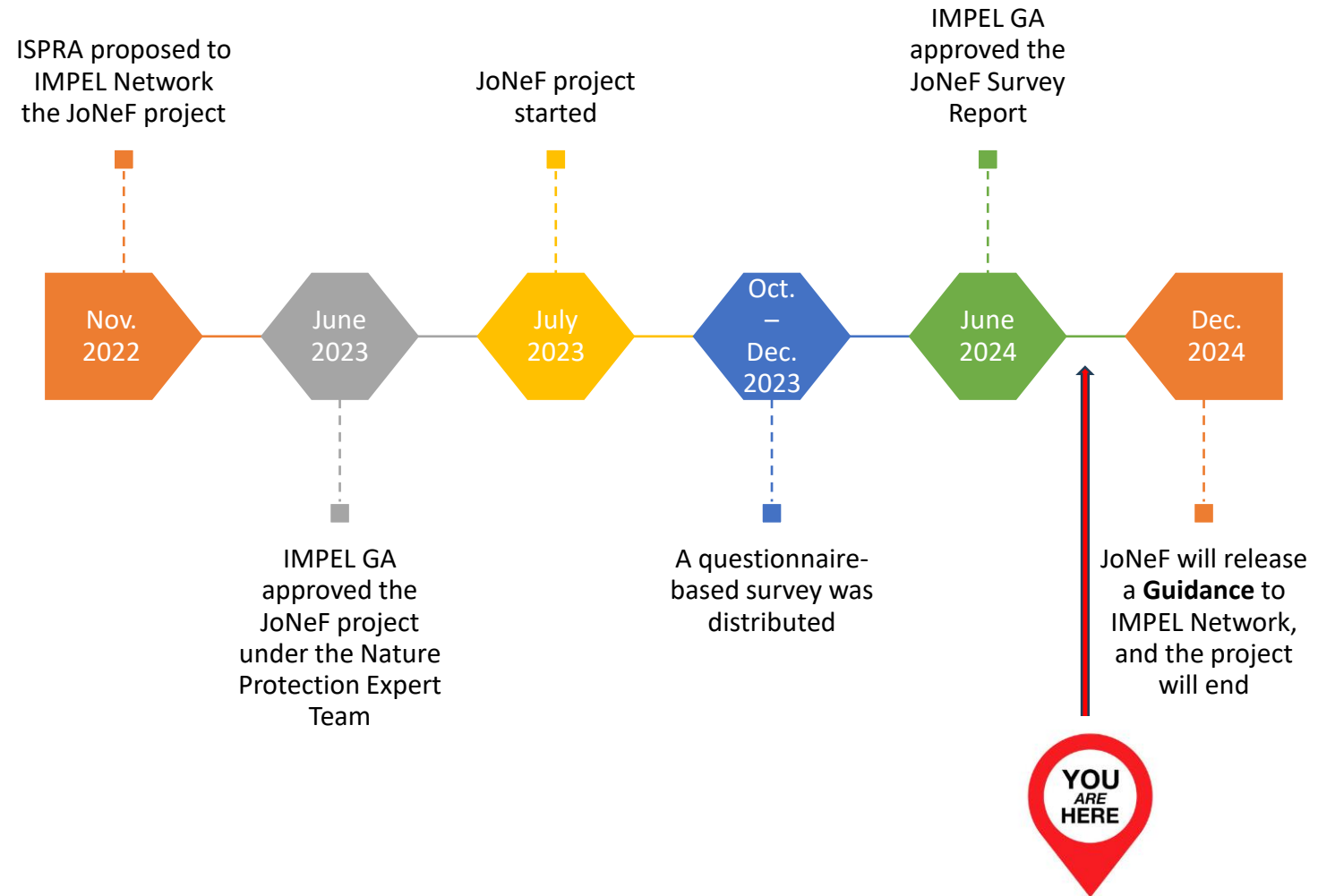
Lack of National legislation on fungi conservation

- Need of EU directive for fungi conservation
 - Stimulate EC to give a common directive
 - IMPEL Network project «Joint Network for wild Fungi – JoNeF»

Lack of National fungal database

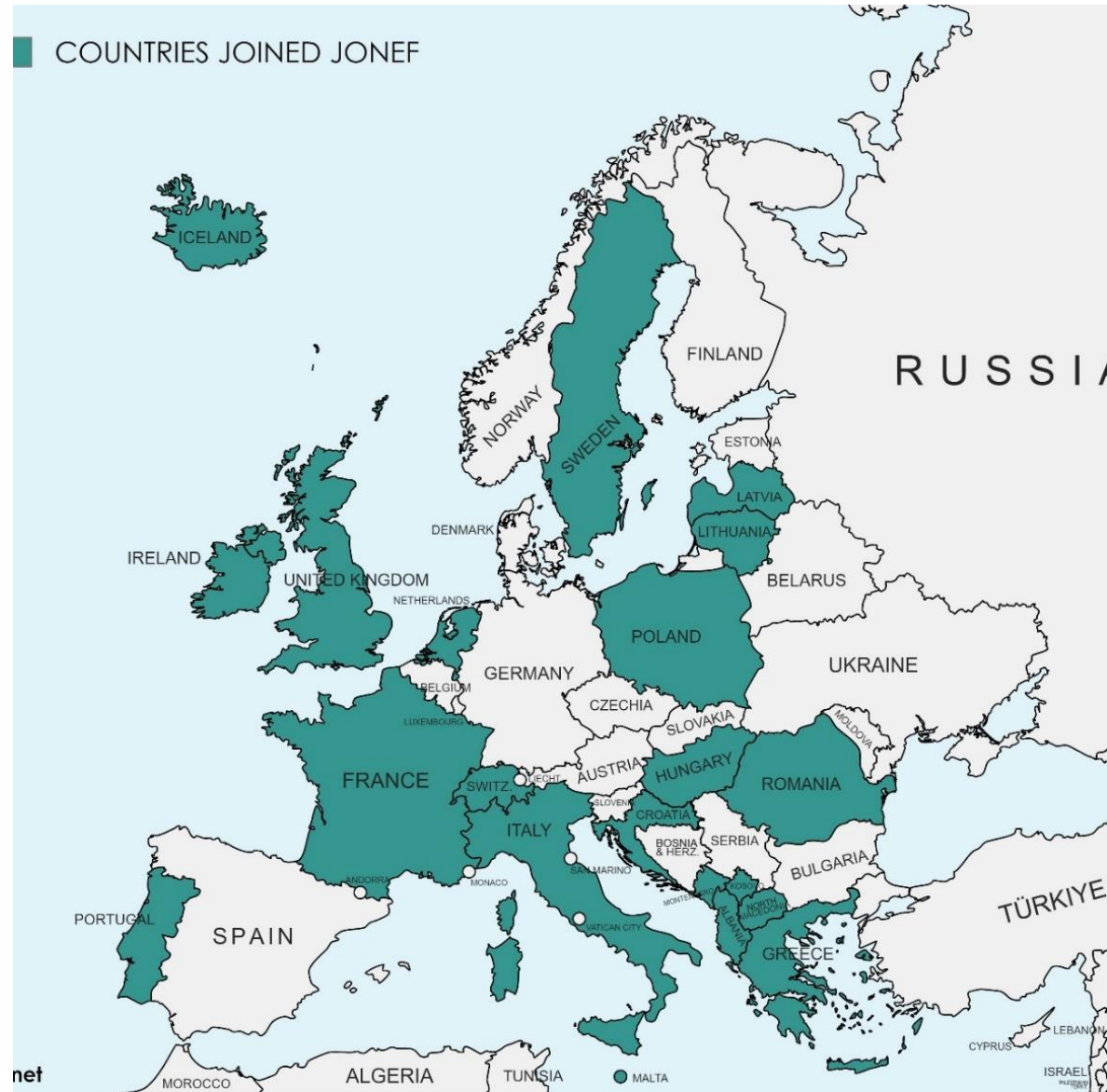
- Need of a National policy for data collection
 - Stimulate National legislator to give a directive
 - ISPRA project «Network for the study of mycological diversity – NDM»

The “Joint Network for wild Fungi” project



The JoNeF project team

- The JoNeF team is composed of **38 members** from **21 EU Countries**
- The team entails mycologists, botanists, forest officers, academics, experts in nature conservation, and biologists



The JoNeF survey



From **October to December 2023**, the JoNeF project team distributed the questionnaire-based survey



Experts and institutions interested in fungal conservation and data collection were contacted



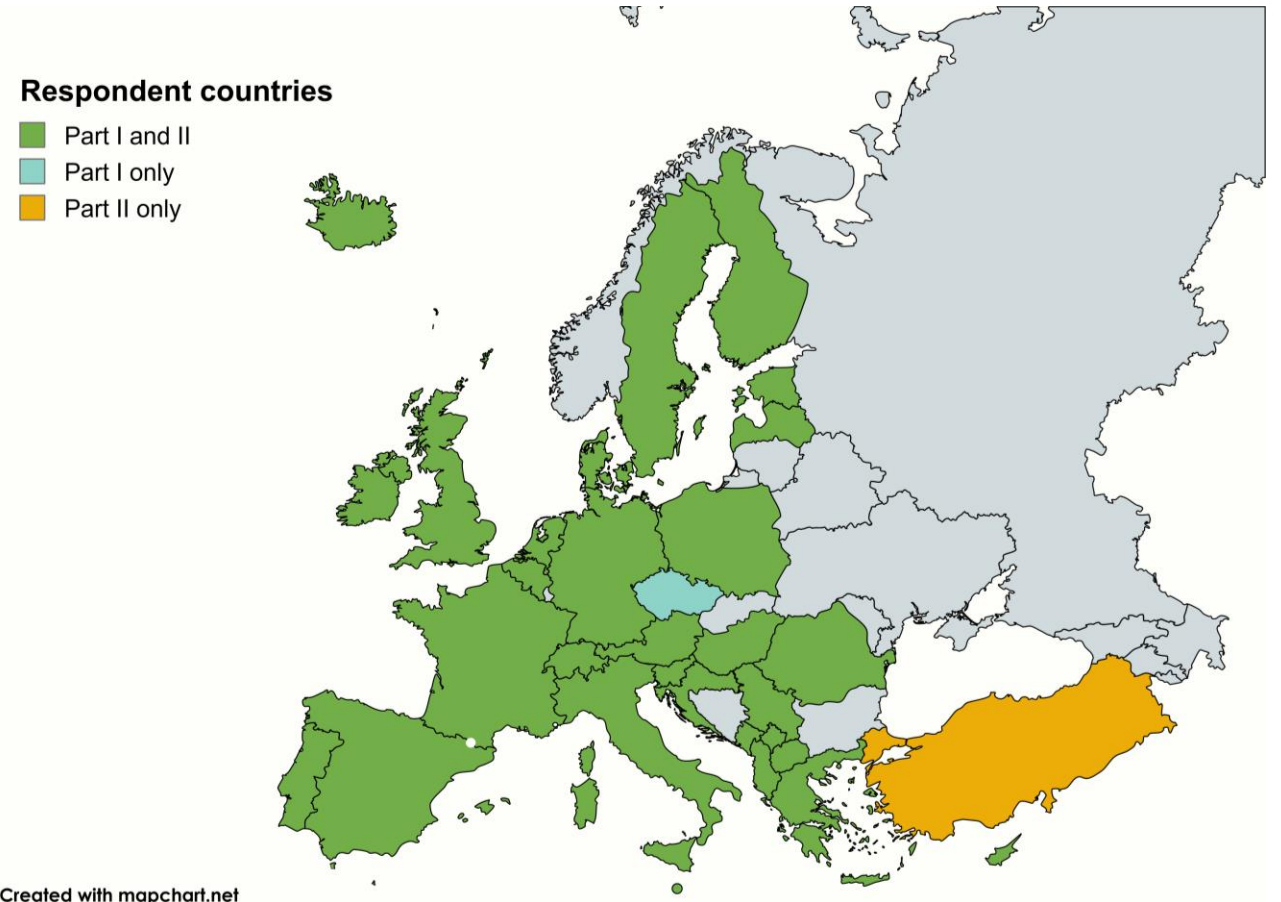
32 European respondents filled out the questionnaire



The participation indicated the strong **interest** in the subject and showed **differences** between the EU countries

Respondent countries

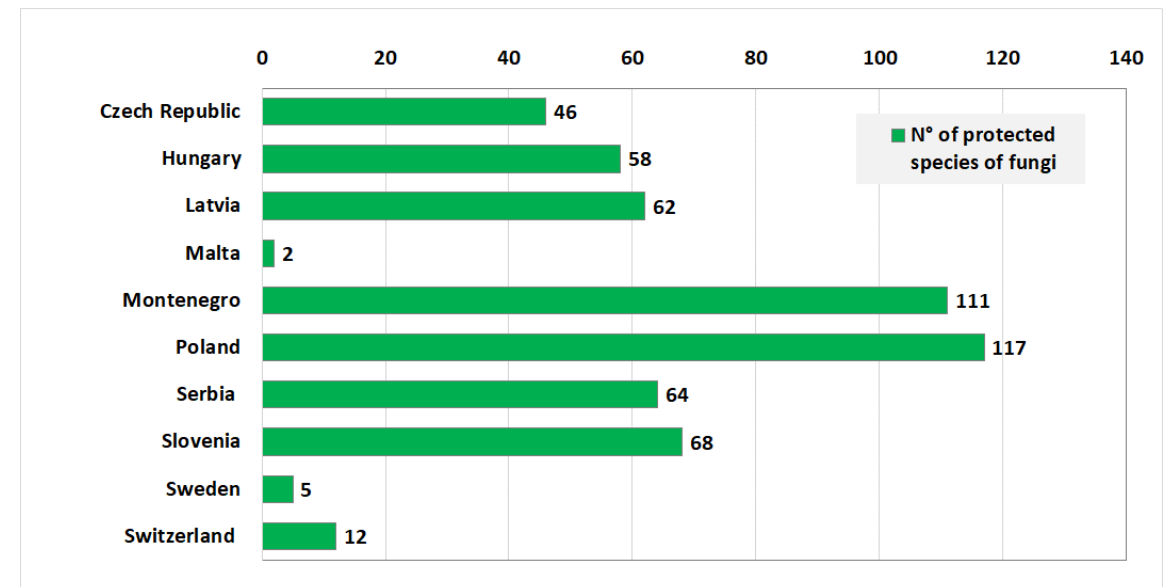
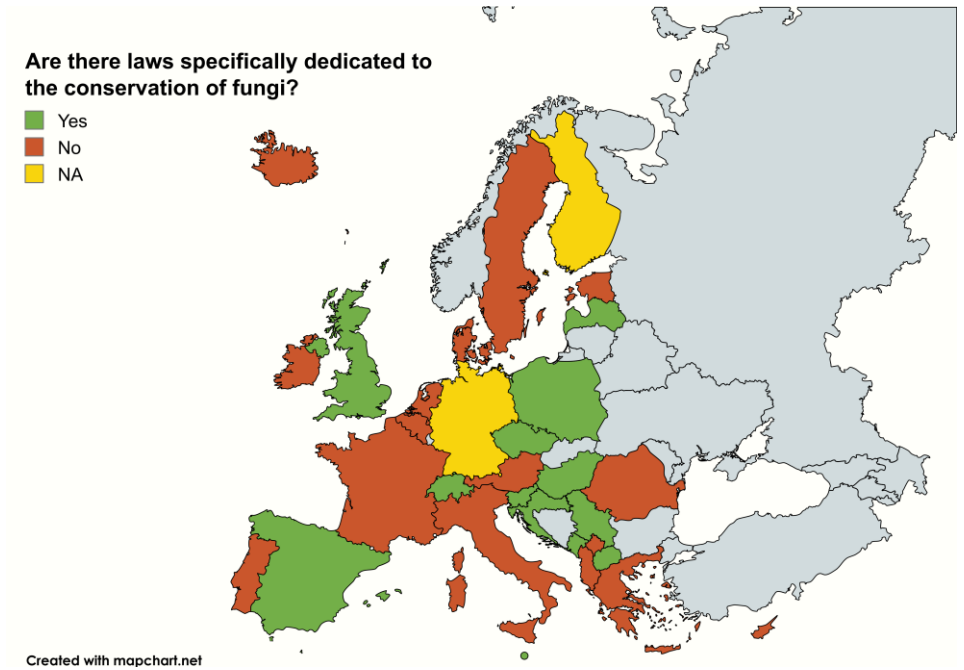
- Experts from 34 countries took part in the survey
- The questionnaire included **82 questions**



National laws on the conservation of fungi

14 countries answered “yes”

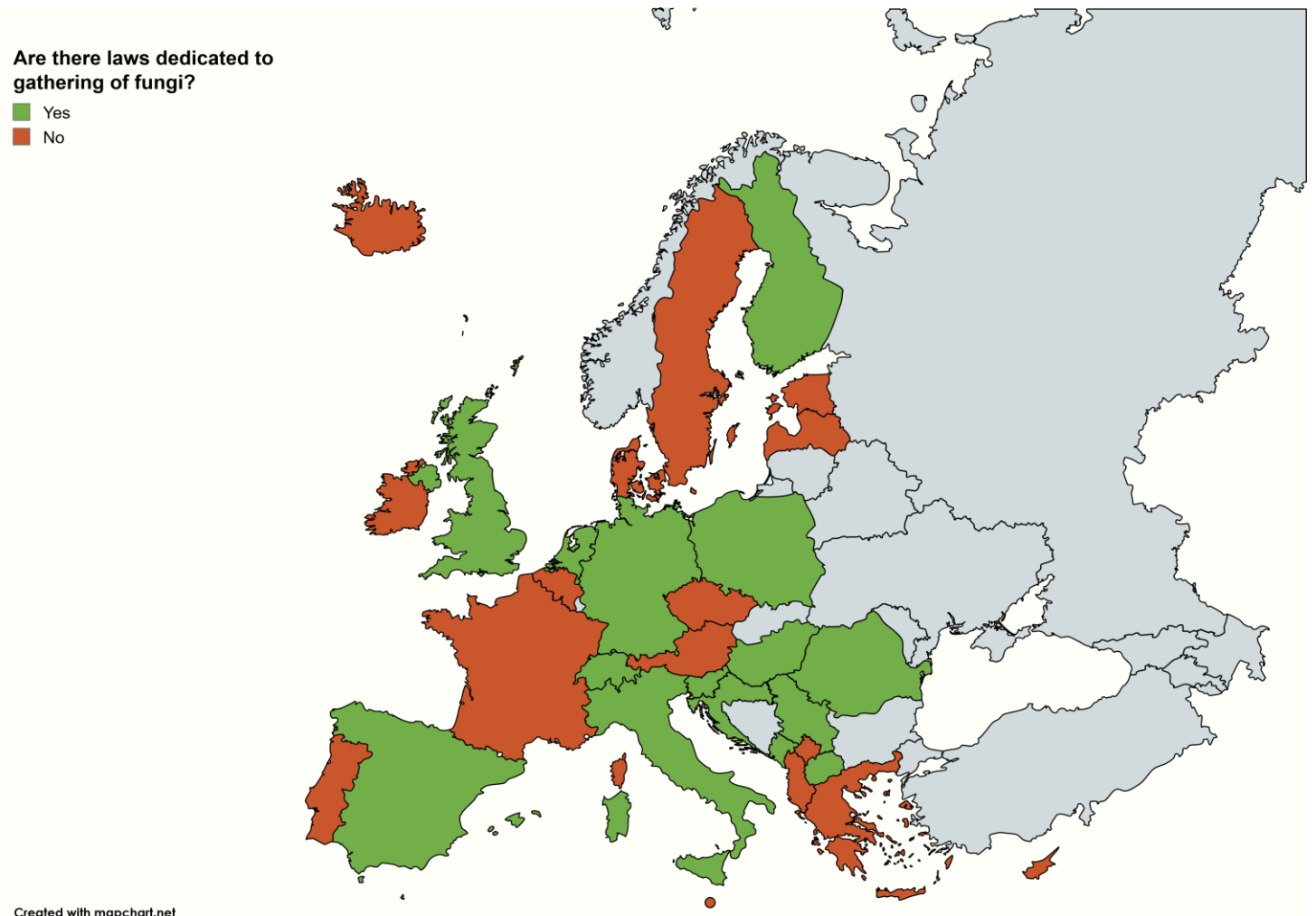
10 countries have protected species of fungi



National legislation on gathering of fungi

15 countries reported to have **national laws dedicated to gathering of fungi**.

16 countries reported **not** to have national laws dedicated to gathering.



Data collection initiatives

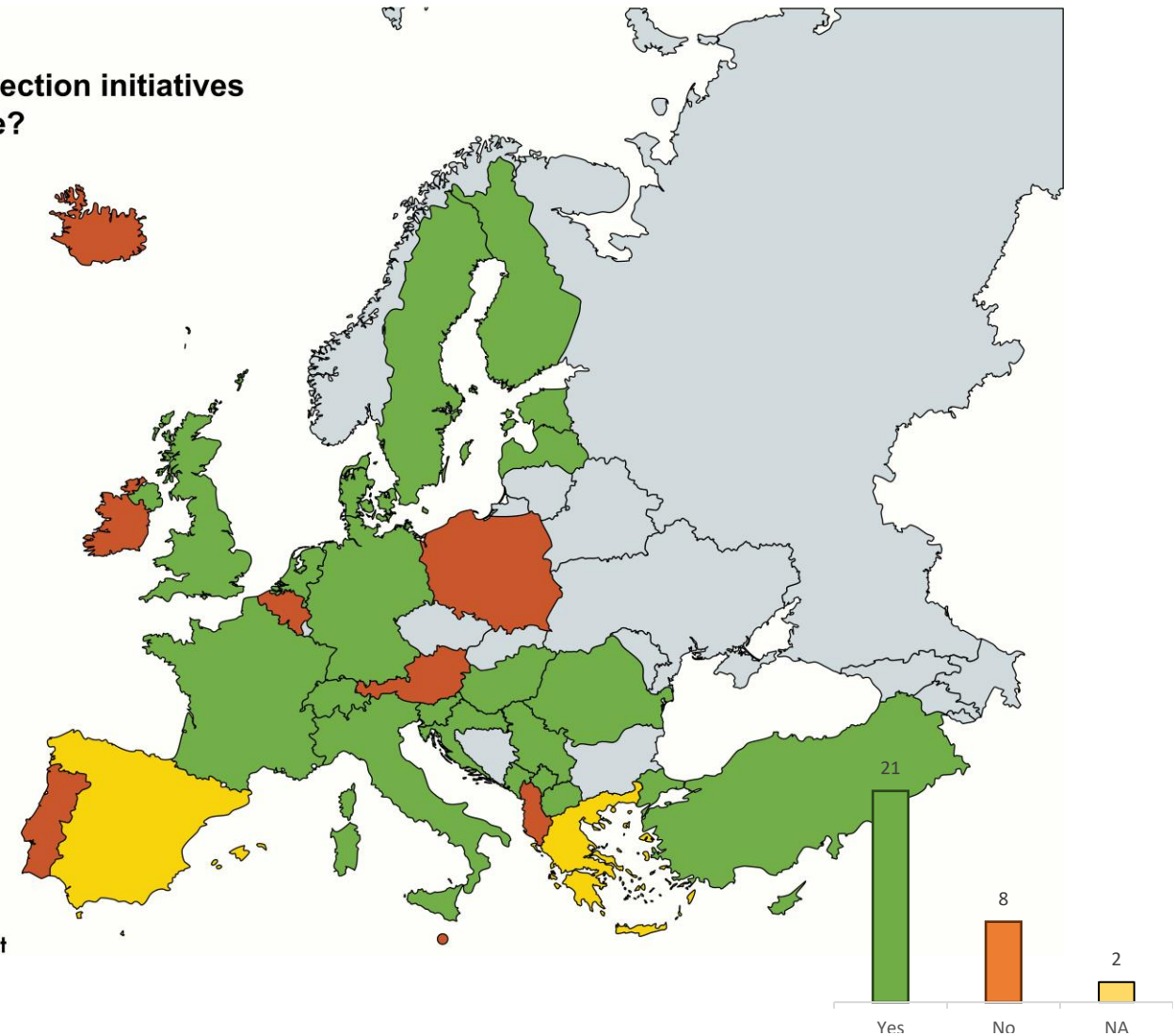
About two-thirds of the responding experts reported to have data **collection initiatives on a national level**.

Some programs are focused on one task (**fungi**), and others are multi-task initiatives.

Are there data collection initiatives on a national scale?

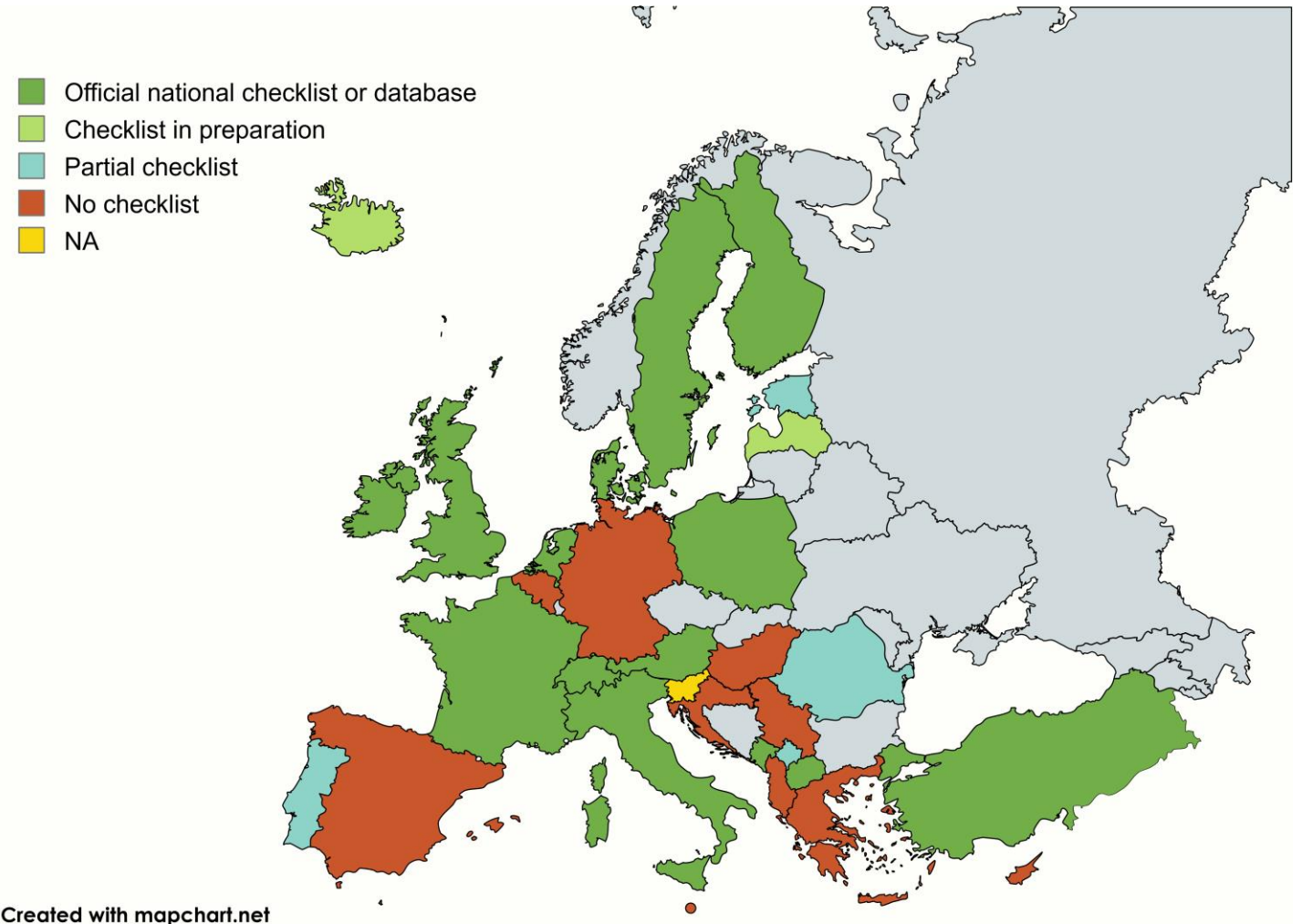
- Yes
- No
- NA

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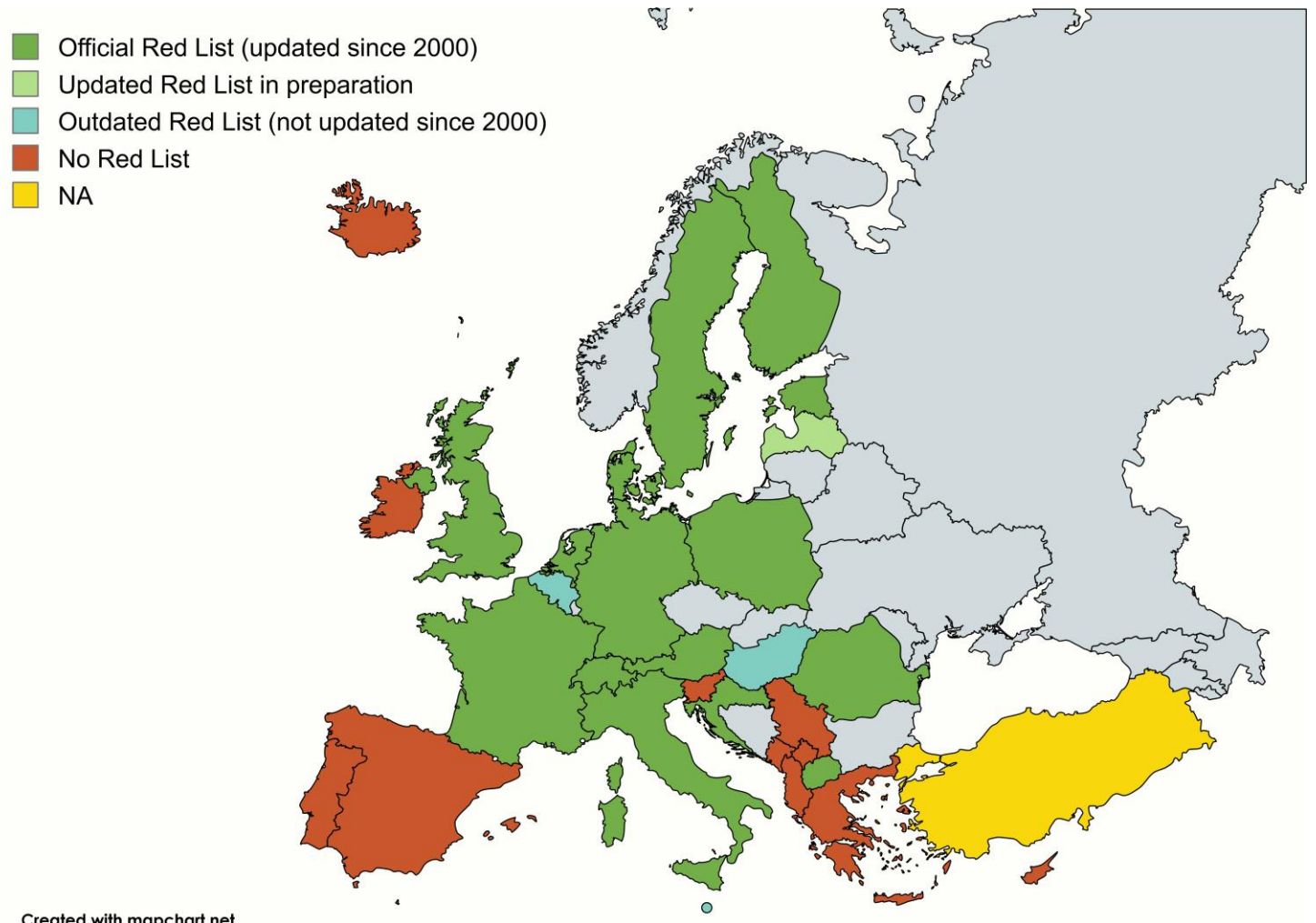
National fungal check lists

- **12 countries** reported to have national checklists
- 2 countries have national checklists in preparation
- 4 countries have partial check lists



National fungal Red Lists

Official national Red Lists for macrofungi are available from **19 countries**

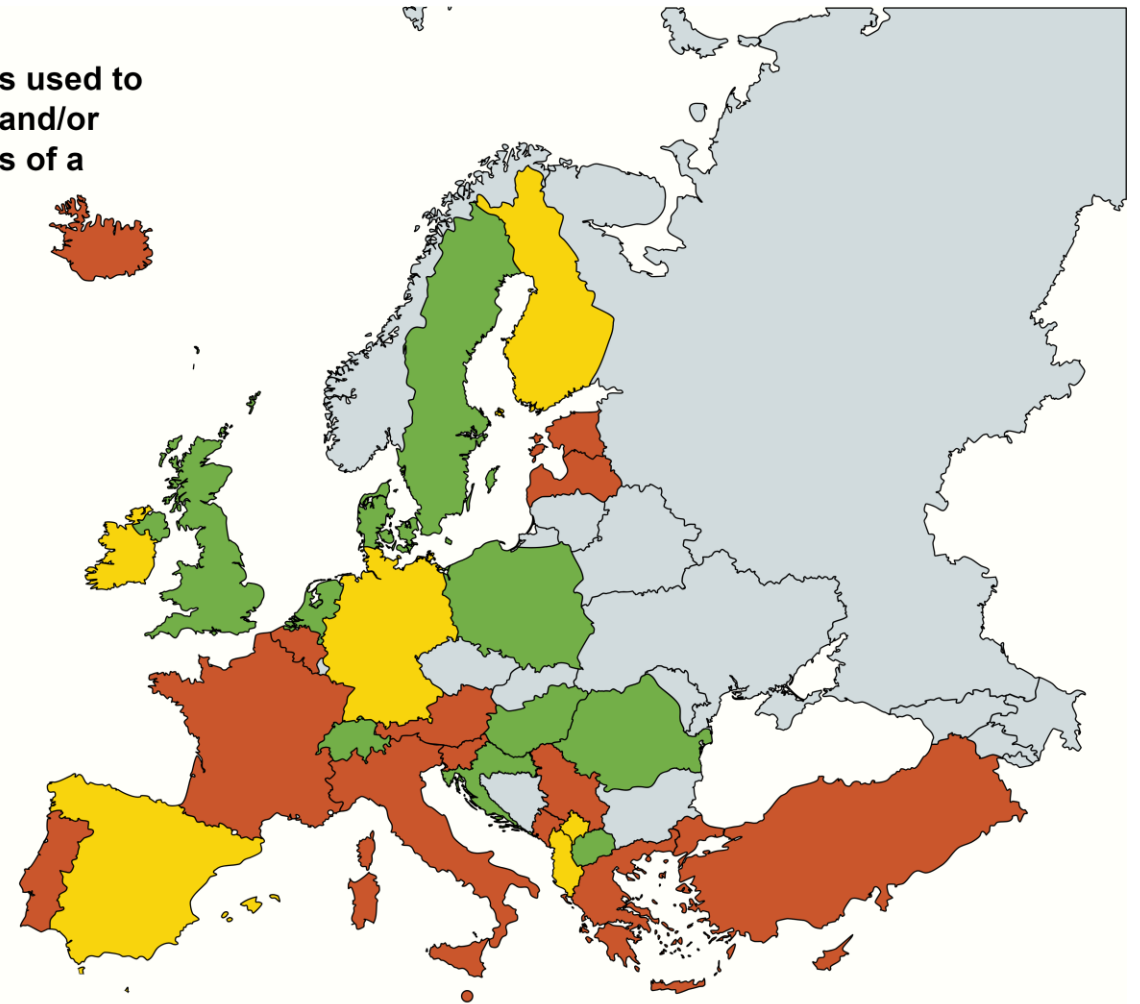


Mycoindicators

10 countries reported to have **fungal indicators** to analyse the quality and the conservation status of habitats

Are there indicators used to analyze the quality and/or conservation status of a habitat?

- Yes
- No
- NA



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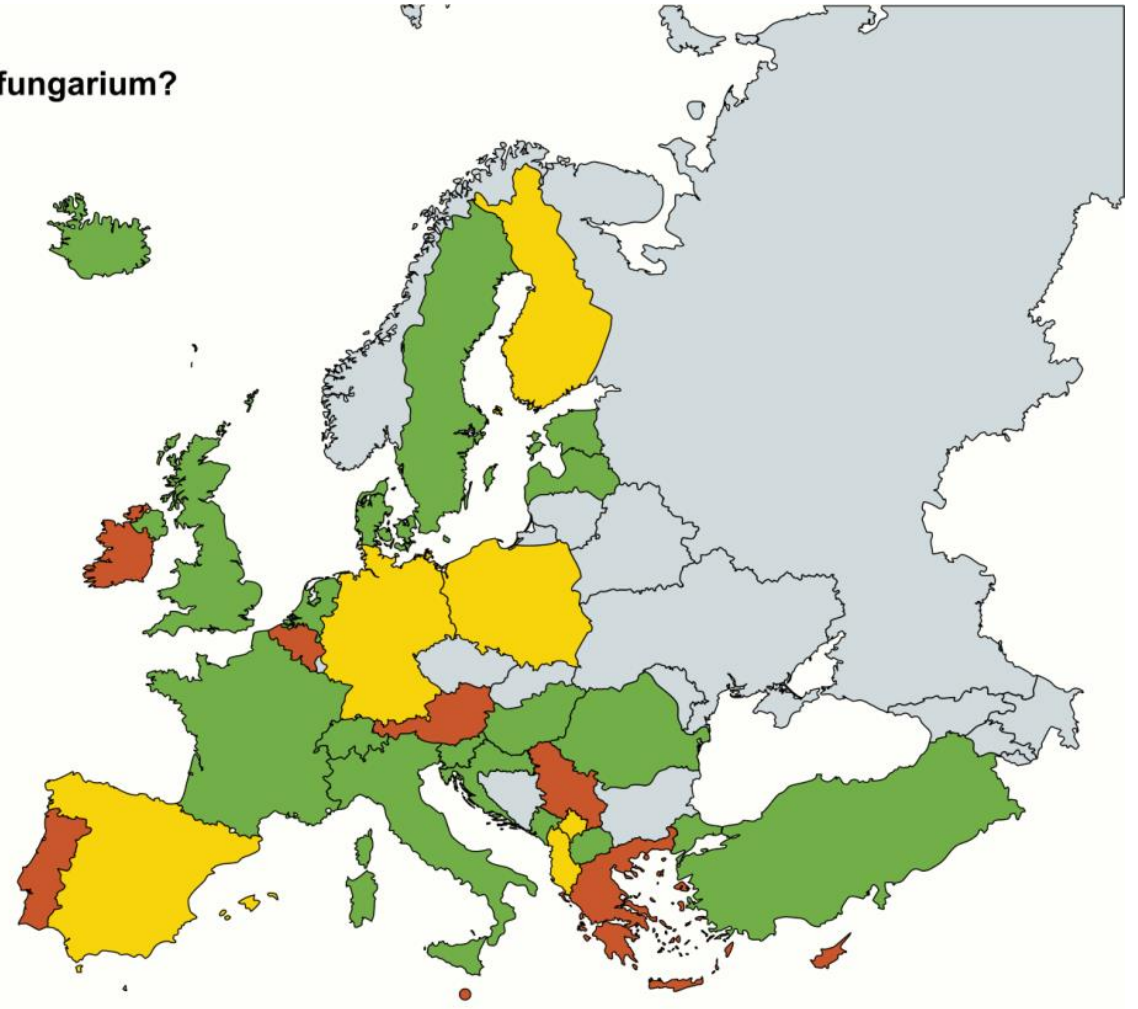
National *fungaria*

In **17 countries** there is at least one national *fungarium*.

Most of *fungaria* are in national museums, botanical gardens, or universities, as well as in centres of biodiversity or nature centres.

Is there a national fungarium?

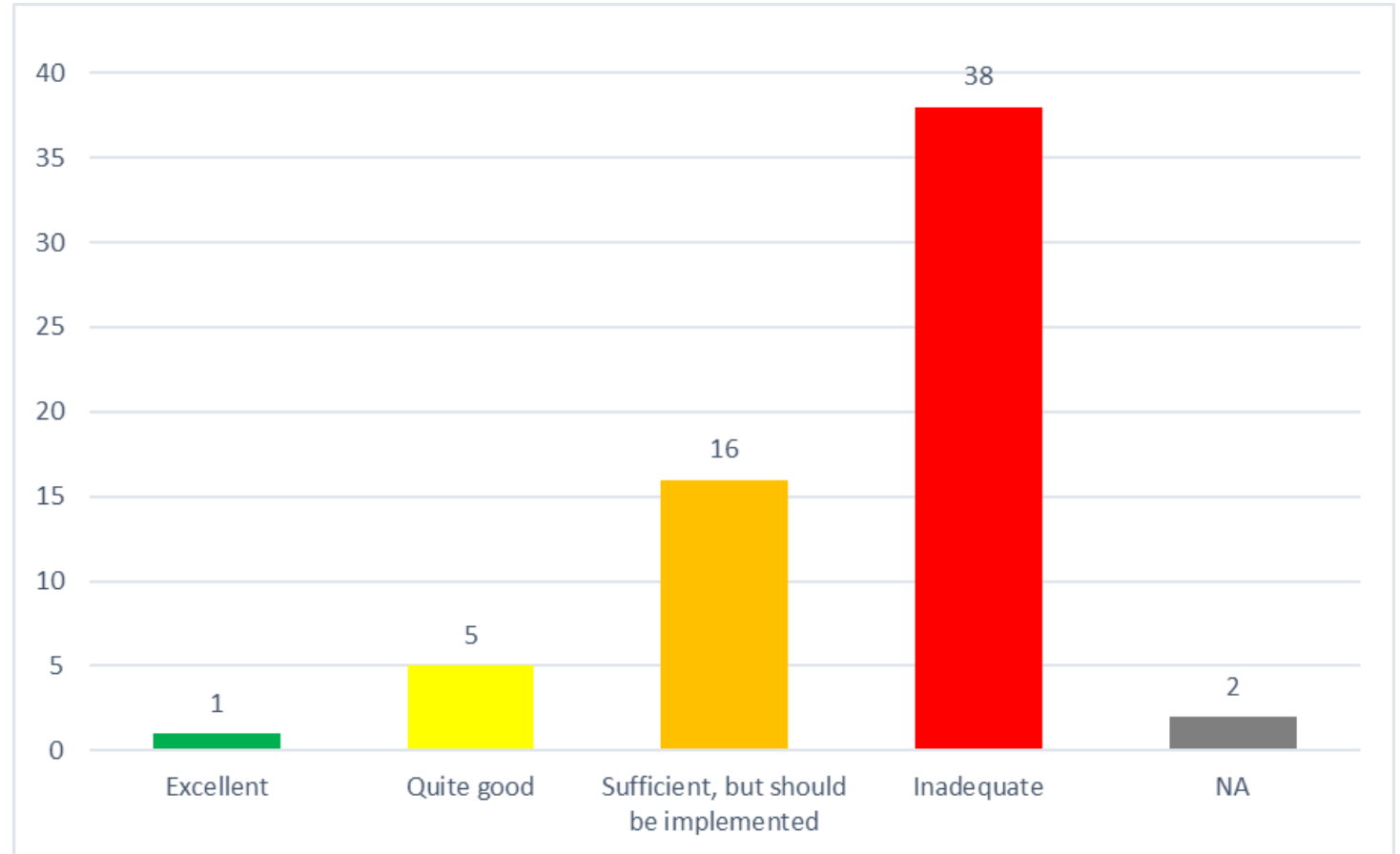
- Yes
- No
- NA

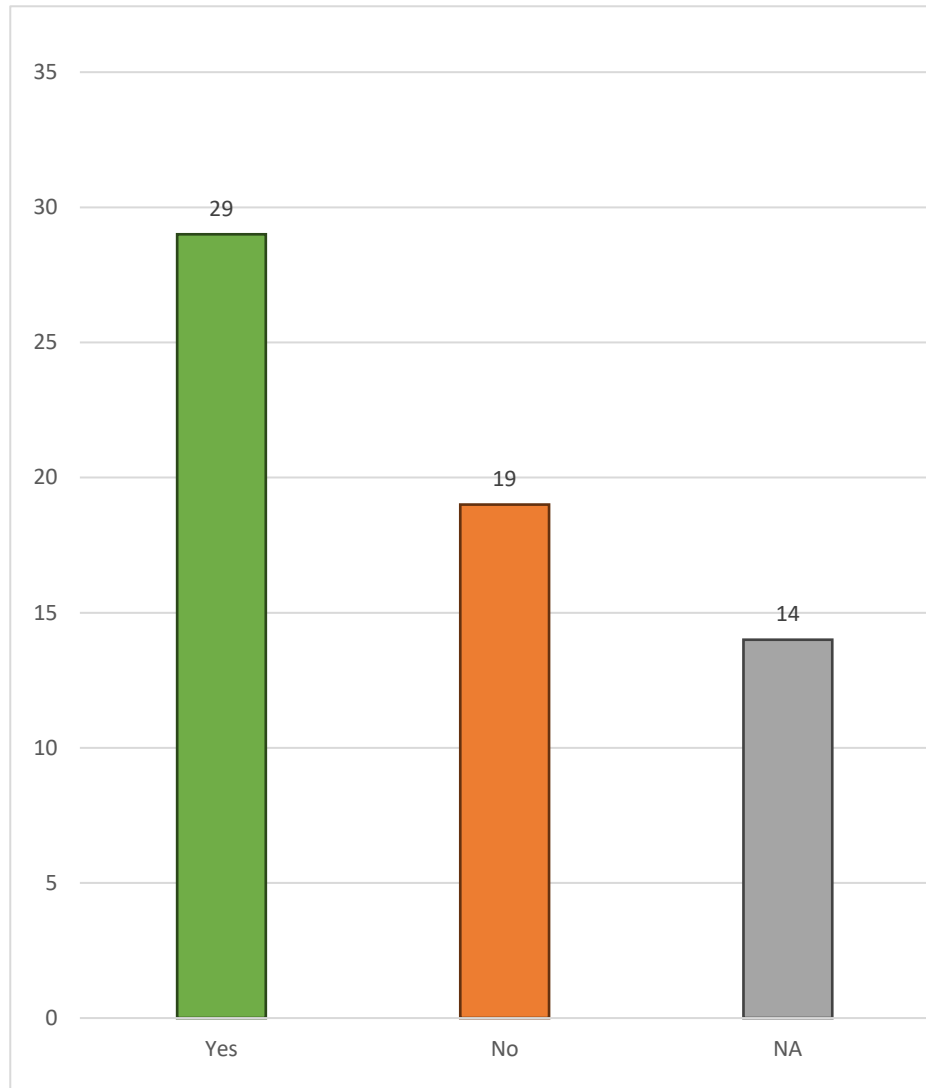


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Ask the European Commission

“What do you think about the conservation of fungi in your country provided through national/sub-national legislation and regulation?”





Proposals and suggestions

“Would you like to make proposals or suggestions to the European Commission about the conservation of Fungi?”

17 proposals and suggestions, that will be reported in the final **JoNeF Guidance**

JoNeF Survey Report

JoNeF Survey Report is available at the JoNeF project web pages:

1. <https://www.impel.eu/en/projects/joint-network-for-wild-fungi-jonef>
2. <https://ndm.isprambiente.it/en/activities/projects-and-initiatives/project-jonef/>





JoNeF approach:

Facilitate the meetings and discussions of academics, researchers, functionaries, and mycologists.



We should sit at the same table and discuss how to include fungi in National and European policies



Thank you for your attention



JoNeF
Joint Network
for wild Fungi

JoNeF project team members (in alphabetical order):

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Hoekstra Pier, Kasom Gordana, Madesis Panagiotis, Manley
Bethan, Martin Francis, Mifsud Stephen, Nai Corrado, Oga
Enxhi, Ottosson Elisabet, Rathore Dheeraj, Rusevska Katerina,
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JoNeF web pages:

<https://www.impel.eu/en/projects/joint-network-for-wild-fungi-jonef>

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