



TSC Knowledge Hub Target 6

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[European subregional TSC Website single-entry-point](#)

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Target 6: ‘Reduce the introduction of Invasive Alien Species by 50% and minimize their impact’.

“Eliminate, minimize, reduce and or mitigate the impacts of invasive alien species on biodiversity and ecosystem services by identifying and managing pathways of the introduction of alien species, preventing the introduction and establishment of priority invasive alien species, reducing the rates of introduction and establishment of other known or potential invasive alien species by at least 50 per cent, by 2030, eradicating or controlling invasive alien species especially in priority sites, such as islands.”

Headline indicator

6.1 Rate of IAS establishment

Component indicators:

- Rate of IAS impact
- Rate of IAS spread
- Number of IAS introduction events

Complementary indicators:

- Number of IAS on national lists as per the Global Register of Introduced and Invasive Species
- Trends in abundance, temporal occurrence and spatial distribution of non-indigenous species, particularly invasive, non-indigenous species, notably in risk areas (in relation to the main vectors and pathways of spreading of such species)
- Red List Index (impacts of invasive alien species)

**IAS = invasive alien species*

Objectives of Target 6 Knowledge hub

Support the TSC Parties in the implementation of Target 6 of the Global Biodiversity Framework by providing:

- **Access to data resources and tools:** Ensuring standardized, up-to-date data, resources, and tools to enable Parties to monitor, report, and manage IAS effectively.
- **Capacity building:** Enhancing national and regional capacities for monitoring and reporting through customized training for data collection, indicator development and reporting.
- **Facilitates cooperation:** Promoting transnational collaboration via expert networks, stakeholder engagement, and knowledge exchange to align initiatives and share best practices.
- **Dissemination and Outreach:** Leveraging communication channels and campaigns to raise awareness, ensure equitable access to resources, including access to resources in multiple languages.

Who We Are

The Knowledge Hub for Target 6 is led by the JRC, leveraging on the European Alien Species Information Network (EASIN; <https://easin.jrc.ec.europa.eu/easin/SupportGBF>), in collaboration with the IUCN.

EASIN - European Alien Species Information Network

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European Knowledge Hub on Target 6 of the Kunming-Montreal Global Biodiversity Framework

The Convention on Biological Diversity (CBD), through the Kunming-Montreal Global Biodiversity Framework (GBF) adopted in 2022, established Target 6, which aims to: *'Reduce the introduction of Invasive Alien Species by 50% and minimize their impact'*.

To support the achievement of this target - and the implementation of the entire GBF - the European Commission, through its Knowledge Centre for Biodiversity (KCBd), in partnership with the Centre for Mediterranean Cooperation of the International Union for Conservation of Nature (IUCN Med) and the Royal Belgian Institute of Natural Sciences (RBINS), hosts and coordinates the **European subregional Technical and Scientific Cooperation Support Centre (TSC)**.

The TSC operates through a decentralized model, utilizing GBF target-specific Knowledge Hubs to deliver tailored, demand driven, scientific and technical support to [44 European countries](#) (Parties) implementing the GBF. For further details on the TSC structure, refer to the [CBD GBF website](#).

The Knowledge Hub on Target 6 is hosted by JRC European Alien Species Information Network ([EASIN](#)), which entails collaboration with IUCN and builds on the scalable infrastructure and institutional knowledge of EASIN. This ensures alignment with EU and global Invasive Alien Species (IAS) management priorities, while fostering collaboration among stakeholders.

+ Support to EU and Parties

+ Key Functions of the Knowledge Hub

+ Explore our resources



EASIN at a glance

- Official Information Support System under EU Regulation 1143/2014 (IAS Regulation), providing expertise in science-based policy support to Commission services, EU Member States (MS) and institutions, fostering collaboration towards the effective implementation the IAS Regulation.
- Multidisciplinary team with expertise in biodiversity, data management, and citizen science.
- Scalable infrastructure, enabling access to scientific data and information, with a spatial coverage of 64 countries (27 EU MS + neighbor countries), including 44 under the European subregional TSC.
- Hosts the European Early Warning System (NOTSYS).
- Expertise engaging stakeholders via webinars, workshops, and the EASIN apps to foster inclusive monitoring and decision-making.
- Collaboration with international research institutions, including IUCN.

Key Functions of EASIN

- **Access to Data Resources, Tools and Technologies:**
 - harmonized data on >14,000 alien species (AS) including taxonomy, introduction pathways, impacts, occurrences, and integrates national, EU-level, and regional datasets.
 - species search, mapping tools, and RESTful web services for monitoring and reporting IAS
 - Offers real-time reporting tools (e.g., early warning for IAS of Union concern) and citizen science apps to enhance public participation in data collection.
- **Capacity-Building and Development Resources:**
 - capacity-building through workshops/webinars, online resources, and citizen engagement initiatives.
 - access to guidance and best practices to support IAS management and prevention.
- **Technical and Scientific Cooperation Support to Policy Implementation:**
 - stakeholders engagement (policymakers, scientists, practitioners) in co-developing solutions to supports EU IAS policy (e.g., baselines, indicators).
 - data sharing enabling cross-border collaboration through harmonized methodologies.
 - Contribution to computing KM-GBF Indicator 6.1 (IAS establishment rate) for reporting on Target 6.

Key references

EASIN data portal and tools

- Species explorer: <https://easin.jrc.ec.europa.eu/spexplorer/>;
- Tools to report presence of IAS: <https://easin.jrc.ec.europa.eu/ias>;
- NOTSYS: facilitate a timely comprehensive notification of new detections of IAS of Union concern: <https://easin.jrc.ec.europa.eu/notsys>

Scientific publications

- Garcia-Lozano et al. (2025). Management Measures and Trends of Biological Invasions in Europe: A Survey-Based Assessment of Local Manager (<https://doi.org/10.1111/gcb.70028>).
- Magliozzi et al. (2024). Transnational cooperation in EU: opportunities for addressing invasive alien species. (<https://doi.org/10.3391/mbi.2024.15.4.13>)
- Polce et al. (2023). Scientific insights on IAS establishment and pressure (DOI: 10.1038/s41598-023-32993-8).

Technical reports

- Czechowska K. et al. (2022). Oriented analysis to enable prioritization of Invasive Alien Species (EU Regulation 1143/2014) (doi: 10.2760/104047)
- EU IAS Regulation baselines - <https://easin.jrc.ec.europa.eu/easin/documentation/Baseline>
- Magliozzi, C. et al. (2024). Informing spatiotemporal trends of Invasive Alien Species of Union concern with biological knowledge (doi:10.2760/298316).
- Marine Strategy Framework Directive (MSFD) descriptor 2 newly introduced Non-Indigenous Species - <https://easin.jrc.ec.europa.eu/easin/documentation/MSFDDescriptor2>

Tentative work plan

2025

- Dedicated web page on the EASIN website - **Online**
- Establish EASIN as the Target 6 knowledge hub, including participation and discussion at the CBD Regional Dialogue + WEOG (Western Europe and Others Group) in Brussels, Belgium (23–25 September) - **Done**
- Develop the Target 6 headline indicator and publish one component rate of IAS introduction for review by the end of the year - **On-going**
- Contribute to the 7th National Report to the CBD on Target 6 - **On-going**

2026

- Develop the Target 6 headline indicator and publish the pressure and establishment components.
- Enhance EASIN data and information by explicitly considering all Parties of the European subregional TSC.
- Facilitate responses to identified needs related to IAS management and monitoring.

2029

- Provide support for the 8th National Report to the CBD on Target 6.
- Contribute to the biennial reporting to the CBD Secretariat.

Thank you



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