

Task Group Management

**TG-M 19-2**

October 8th & 9th 2019

Rømø, Denmark

**Agenda Item:** 5.6

**Subject:** Status WG- Alien Species for TG-M 2

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The Work Group Alien Species (WG-AS) held 4 meetings in 2019 (WG-AS 15-18). The WG finalised the AS communication programme and the Management and Action Plan for Alien Species (MAPAS), which was adopted by WSB 28 in March 2019.

On basis of the ToR and the proposed actions and recommendation of the MAPAS, WG-AS assorted

 the most important and priority tasks for the implementation of MAPAS to be included into the EG-AS workplan 2020-2022, which are the development and implementation of the categories a) Alien Species network platform, b) the integration into TMAP and c) information, communication and education.

A proposal for the EG-AS ToR and the concept for the Alien Species network platform (see list of important issues below) will be developed until the end of 2019.

Because its future tasks include the implementation of the MAPAS, the present work group (WG-AS) should become an expert group (EG-AS) in 2020. TG-M should also consider that EG-AS will probably need to be complemented with Alien Species scientists and these will be contacted when their inputs are needed. The membership of EG-AS will consist of national representatives currently sitting in WG AS and the group shall be the coordination group of the Alien Species Network Platform. The Network Platform will be a microsite of the World Heritage website.

**Proposal**: TG-M 2 is invited to comment on the preliminary work plan for EG-AS attached to this document. Due to the changing responsibility of the WG AS in the coming years, TG-M 2 is also requested to forward this proposal, to WSB for effecting the transformation process of the current WG AS to EG AS from January 2020 onwards

Preliminary workplan EG-AS 2020-2022 (including remaining tasks of WG-AS in 2019)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Task category | MAPAS actions and recommendations to be implemented | 2019 | 2020 | 2021 | 2022 |
| a) Alien Speciesnetwork platform | Information and best practice exchange about mitigation measures, nuisance species , eradication and management, new AS (Alert System). |  |  |  | on-going |
| AS reporting options for stakeholders and public should be made known |  |  |  |  |
| Trilaterally shared risk assessment |  |  |  |  |
| Information exchange on measures for eradication of harmful terrestrial AS  |  |  |  |  |
| Picture and information database on AS identification for all countries |  |  |  |  |
| Sharing data about invasive alien species on trilateral level |  |  |  | on-going |
| When feasible, appropriate measures against AS |  |  |  |  |
| Sharing information campaigns on trilateral level |  |  |  | on-going |
| All AS data publicly available via portal |  |  |  |  |
| Concept development for network platform (website) |  |  |  |  |
| b) TMAP | Trilaterally combined pathway analysis already conducted on national level  |  |  |  |  |
| Overview AS monitoring approaches  |  |  |  |  |
| Maintain trilateral database of alien species (also network platform) |  |  |  | on-going |
| Raise AS data and knowledge from national to trilateral level |  |  |  | on-going |
| Harmonize, optimize and develop AS monitoring methods on national and trilateral level |  |  |  |  |
| Initialise trilateral terrestrial AS monitoring  |  |  |  |  |
| Terrestrial AS monitoring by citizen sciences (also network platform) |  |  |  |  |
| Monitoring: substrate selection procedures, habitats with focus on ‘hot spots’, all fauna and flora species to be considered in all habitats and substrates, extended rapid assessment (mainly in 2021) |  |  |  |  |
| Alien species be considered in all TMAP monitoring programmes |  |  |  |  |
| c) Information, communication and education | Disseminate and evaluate the IMO & other guidelines, regulations |  |  |  | on-going |
| Coordination in development info- and guidance material for relevant target groups  |  |  |  |  |
| National information campaign |  |  |  | on-going |
| Coordination in development education material |  |  |  |  |
| Development on-line learning programs  |  |  |  |  |
| Expert group is raising awareness on AS  |  |  |  |  |
| Workshop on aquaculture/shellfish import and mussel transfer |  |  |  |  |

Conceptual views about Alien Species network platform.

1. Website as basis for AS network platform

The basis for the network platform will be a trilateral AS micro site as part of the Wadden Sea World Heritage domain (like *alien-species.waddensea-worldheritage.org*). The layout and functionality can follow the WH site. Functionality like access to an AS database can be added to the framework of the already available Content Management System (CMS) Typo 8.

1. Provided information
* General background on AS (definition, problems, management, monitoring, etc.)
* Legal background in trilateral countries and on EU level
* Alien Species and UNESCO World Heritage Wadden Sea
* Education (link to IWSS) and information material
* Reports and links to other sites and networks, citizen sciences
* Providing information and reports to internal AS experts
* The actual trilateral AS database (or prefab Excel files including maps or web services)
* Information recommended by MAPAS
1. Alien species database including model on
* Species and taxa
* Pictures
* First occurrence of AS with time and place
* Distribution map
* Monitoring methods
* Information on prevention, control, eradication, etc.

to be further developed in cooperation with EG-D and TG-MA

1. Functionality of site
* Access, search, extract, upload
* Map Server on basis of Google maps, [OpenStreetMap](https://www.openstreetmap.de/karte.html), [OpenTopoMap](https://opentopomap.org/#map=12/53.5064/8.2092) or other services to allow georeferenced overview on AS distribution
* User administration (for web editors, internal information for experts)
1. Alert system
* Functionality with role in trilateral cooperation
* Rules on how alert system should work (timing, spreading, harmfulness)
1. Platform maintenance
* Web site administration
* Rules for management platform and collection of data
* Input from coordination group
1. General aspects
* Who will participate in network platform and who will be responsible?