NOBANIS
European network on invasive alien species
Bern Convention IAS Expert Group, 4-5 May, 2015
Maya Helene Quaade Caspersen & Melanie Josefsson

Photo from www.nobanis.org, Helene Nyegaard Hvid
NOBANIS Network

- Voluntary network for sharing information on invasive alien species (IAS)
- Professional network between authorities of the region. Not a political or policy making organisation
- 20 participating countries
NOBANIS Network

- Provide tools for implementing the precautionary approach against the unintentional dispersal of IAS
- Establish regional cooperation to aid countries in mitigation of impacts (management) of IAS
- Services: Online database and information on IAS from the region
- Covering many languages, cultures, management strategies etc.
Main services on the website

- Alien Species Database (A total of 7593 species)
- Species fact sheets of the 92 most invasive species in the region
- Country statistics
- National and international regulation on IAS
- Newsletter
- Marine identification key
- Invasive species photo bank
- A simple early warning system

Photo from www.nobanis.org,Hans Erik Swart
Focus 2013 - 2015

- NCM Pathway analysis & horizon scanning
- Updating & revising databases
  - Vertebrates, Mammals, Birds, Fish, Bryophytes, Ferns, Nematodes, Macroalgae
- Updating fact sheets
- Bringing in Belorus & Slovakia
- Data sharing with GISIN and GRIIS
- New homepage & reprogramming portal
The European Network on Invasive Alien Species (NOBANIS) is a gateway to information on alien and invasive species in North and Central Europe.

Regional portal on invasive alien species

NOBANIS covers marine, freshwater and terrestrial environments and provides:

- A distributed but integrated database on introduced species in the region
- Fact sheets on many of the most invasive aliens
- A catalogue of the regulation relevant to invasive species in participating countries
- A photo bank of alien species
- A marine key to identify invasive species in Nordic waters
- A catalogue of regional databases
- Connections to regional and global networks and projects of invasive aliens species

Invasive species of the week
Regional portal on invasive alien species

NOBANIS covers marine, freshwater and terrestrial environments and provides:

- A distributed but integrated database on introduced species in the region
- Fact sheets on many of the most invasive aliens
- A catalogue of the regulation relevant to invasive species in participating countries
- A photo bank of alien species
- A marine key to identify invasive species in Nordic waters
- A catalogue of regional databases
- Connections to regional and global networks and projects of invasive aliens species

Current activities and news

NOBANIS projects
The present report contributes to the fulfilment of obligations in the Aichi target 9 under CBD and the EU Biodiversity Strategy 2020 target 5.

NOBANIS Newsletters
Read the latest issue of the NOBANIS newsletter
11/2015

News

News 2015
32 June 2015
Data on alien invasive species from Slovakia is now available online
WRITTEN BY MAYA CASPERSEN

News 2015
33 March 2015
New photos of alien species is now available in the photo bank
WRITTEN BY MAYA CASPERSEN

News 2015
23 February 2015
Data on alien invasive species from Belarus is now available online
WRITTEN BY MAYA CASPERSEN

Events

Workshop on Alien Species and the EC Water Framework Directive 8-9 December 2015
Early warning – rapid response

Species alert
*Harmonia axyridis*
In Ireland

Species alert
*Canis aureus*
In Poland

Species alert
*Palaemon elegans*
In Estonia
Invasive Alien Species
Pathway Analysis and Horizon Scanning for Countries in Northern Europe

- Nordic Council of Ministers and ten NOBANIS countries
- Response to:
  - Aichi Target 9 &
  - EU Biodiversity Strategy 2020 Target 5
  - EU IAS Regulation Art. 13
Project overview

- Pathway analysis
- Horizon Scanning
- Prioritisation of pathways
- Recommendations
Methods

• Analysis of NOBANIS databases from 10 countries (Nordic & Baltic)
• Regional scale
  – Nordic
  – Baltic
  – Islands in the North Atlantic
Pathway analysis

- Pathways of introduced species
- Invasiveness
- Taxonomic groups
- Temporal development of pathways
- Species origins
Horizon Scanning – Door knockers

- Doorknocker – IAS not yet arrived and established in any of the 10 countries
- Species not present in the wild
- Data from alert lists from UK, DE, DK, Ireland, Evaluation using modified Harmonia scheme
- Expert evaluation using modified Harmonia scheme
Figure 92: Pathways of introduction of species that are of high risk (A) of having a negative impact in the Nordic region.
Prioritisation of Pathways

• Number of introduced invasive alien species by pathway
• Number of introductions by the pathways
• Adjustments
  – % invasive introduction
  – High risk door knocker species per pathway
  – Medium risk door knocker species per pathway
  – Number potentially invasive species
  – Temporal development of pathways
<table>
<thead>
<tr>
<th>Nordic Region</th>
<th>Baltic region</th>
<th>Islands of North Atlantic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Horticulture</td>
<td>1 Horticulture</td>
<td>1 Horticulture</td>
</tr>
<tr>
<td>2 Transport</td>
<td>2 Transport</td>
<td>2 Transport</td>
</tr>
<tr>
<td>3 Ballast water &amp; sediments</td>
<td>3 Forestry</td>
<td>3 Secondary</td>
</tr>
<tr>
<td>4 Agriculture</td>
<td>4 Agriculture</td>
<td>4 Escapes</td>
</tr>
<tr>
<td>5 Secondary introduction</td>
<td>5 Aquaculture</td>
<td>5 Ornamental</td>
</tr>
<tr>
<td>6 Forestry</td>
<td>6 Landscaping</td>
<td></td>
</tr>
<tr>
<td>7 Landscaping</td>
<td>7 Ballast water &amp; sediments</td>
<td></td>
</tr>
<tr>
<td>8 Agriculture</td>
<td>8 Secondary introduction</td>
<td></td>
</tr>
<tr>
<td>9 Escapes</td>
<td>9 Escapes</td>
<td></td>
</tr>
<tr>
<td>10 Hull fouling</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Future of NOBANIS

Goodbye Secretariat as we know it! 😞

- Develop Rotational Secretariat
- Continued revision of databases
- Follow up pathway analysis & horizon scanning
- Data sharing – GISD, GISIN
- Updating fact sheets
Thank you!
For more information:

Please visit www.nobanis.org
or contact nobanis@nst.dk