

IAS news from Finnish authorities

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Legislation on IAS

EU legislation on IAS

- EU Regulation on IAS (EU) No 1143/2014
 - Into force on 1 January 2015
- EU list of IAS (Commission Implementing Regulation): 88 species
 - 1. list into force 3 August 2016
 - 1. updated list into force 2 August 2017
 - 2. updated list into force 15 August 2019
 - 3 updated list into force 2 August 2022

Finnish legislation on IAS

- Act on Managing the Risks Caused by Invasive Alien Species (Act on IAS) Implements the EU Regulation on IAS
 - Into force on 1 January 2016
- Government Decree (national list of IAS)
 - First list on 1 January 2016
 - New Decree and new list into force on 1 June 2019
 - New update of the national list is now in process



Implementation IAS legislations: multiple authorities

Finland's national Advisory
Board on IAS

The Ministry of Agriculture and Forestry steers and monitors the enforcement of this Act in cooperation with the Ministry of Transport and Communications and Ministry of the Environment

The Centre for Economic Development, Transport and the Environment (ELY Centre)

- control the compliance with the IAS Regulation and this Act
- decide on the application of rapid eradication measures

Customs

- control the importation

The Regional State Administrative Agency for Southern Finland

- act as the permit authority
- be responsible for the control of the establishments specified in the permits.

The Finnish Environment Institute

- produce the necessary expert services for the enforcement of the legislation

Finnish food authority

- responsible for the prediction, prevention and management of risks associated to plant health and agricultural production e.g. quarantine plant pests


Finnish Wildlife Agency

- produce the necessary expert services for the enforcement of this Act
- manage the public administration duties under the Hunting Act related to the enforcement of section 16 of this Act.

The Natural Resources Institute Finland (Luke)

- Multiple tasks e.g.
 - Coordination
 - Monitoring
 - Reporting
 - Expert services for the enforcement

The Finnish Advisory Board for IAS

- Appointed by the Council of State and chaired by the Ministry of Agriculture and Forestry
- Broad-based, multisectoral expert body with 28 members from different organisations (e.g. authorities, research institutes, NGOs)
- 10-year anniversary in 2023 
- Key tasks include e.g.
 - Promote and develop the implementation of IAS legislation
 - Promote communications and awareness raising on IAS
 - Promote monitoring and control measures of IAS
 - Support preparations of national IAS policies
 - Makes statements and proposals to prevent introduction and spread of IAS
 - Approve new IAS to Vieraslajit.fi
- More information: <https://mmm.fi/vieraslajiasioiden-neuvottelukunta>





Recent IAS work at ELY Centre

- **The mission of the ELY Centre and the municipality is to promote nature conservation in their area.**
- **The ELY centre have managed two grant application rounds for the fight against alien species in 2020-22.**
 - **Young people have been activated in the projects.**
 - **There have also been new innovations in control work.**
- **Operating models for combating invasive alien species in ELY centers have been developed.**



Main IAS tasks and duties at Luke

- Monitoring & reporting of IAS
- Receive, forward & report notifications of EASIN Notification System (NOTSYS)
- Developing new operation models & practices supporting management of IAS (e.g. early warning and surveillance systems / confirmations of new IAS observations)
- Implementation of IAS legislation: expert services for the enforcement of the legislation
- Communication and awareness raising of IAS
- IAS reviews, reports & assessments (e.g. EU BD-strategy 2030/ IAS in Finland)
- Collaboration and networks
 - Increase and encourage nation-wide and cross-border co-operation and networking
 - National & international IAS expert groups (e.g. The Finnish Advisory Board for Invasive Alien Species, EU IAS Scientific Forum, EU IAS Working Group)
- Preparation of management plans to prevent IAS (inc. action plans concerning pathways)

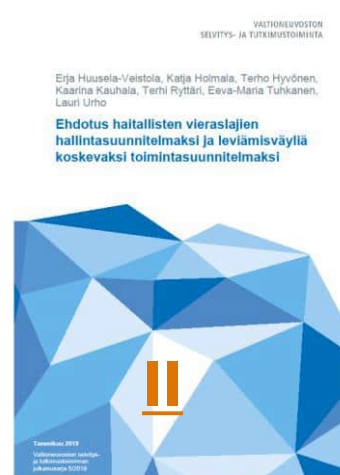


National management plans for IAS



- **Management plans to prevent impacts of invasive alien species (I, II, III, IV)**

- Key tools to implement IAS legislation, based on the risks arising from alien species and the costs and benefits of the prevention measures
 - ✓ The primary management sites/areas/ecosystems
 - ✓ The primary cost-effective measures
 - ✓ The responsible parties and cooperation partners for the implementation
 - ✓ The schedule for the implementation
- Luke's role:
 - preparation of proposals
 - coordination & monitoring of measures



Assessment of the third update of the Union list (22 species) in preparation

Preparation of National IAS management plans: distribution, pathways, risk assessment => required primary management measures & action plans on pathways

I. Management plan to prevent invasive alien species (13 March 2018)

- Proposal was prepared as part of **EU-HAVI project** 2016-2017 (Luke, SYKE, VARELY)
- The first EU list of IAS, 3 August 2016 (37 species)

II. Management plan to prevent invasive alien species – supplement (23 May 2019)

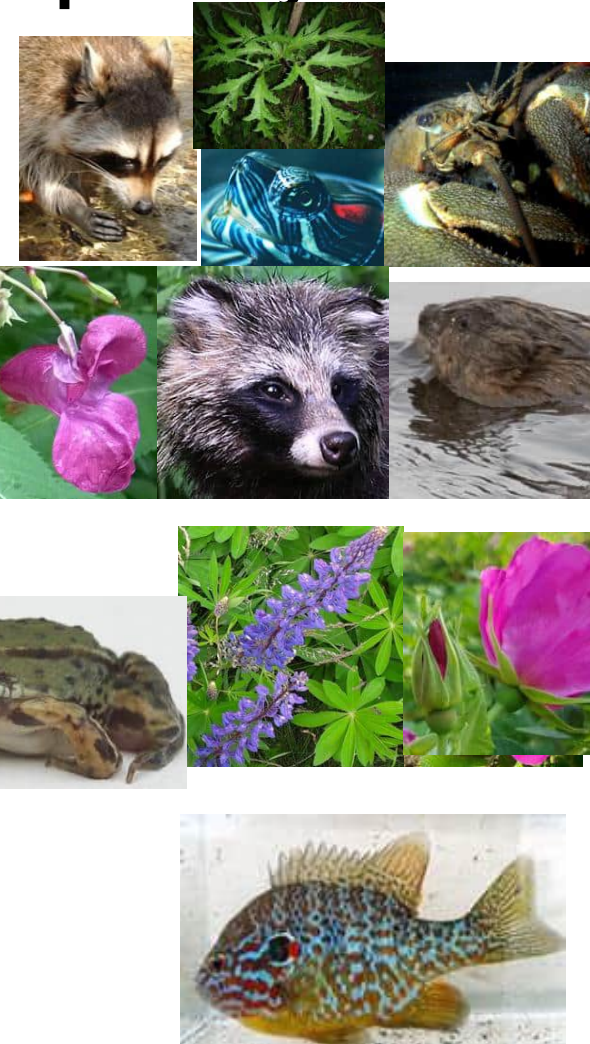
- Proposal was prepared as part of **EU-HAVI2 project** 2018 (Luke, SYKE)
- The first updated EU list of IAS, 2 August 2017 (12 species)

III. Management plan to prevent invasive alien species of national concern (27 October 2020)

- Proposal was prepared as part of **FIN-HAVI project** 2019-2020 (Luke, SYKE)
- National list of IAS (8 species groups, 16 species, one hybrid)

IV. Management plan to prevent invasive alien species – supplement 2 (8 June 2021)

- Proposal was prepared as part of **EU-HAVI3 project** 2020-2021 (Luke)
- The second updated EU list of IAS, 15 August 2019 (17 species)



Structure of the IAS risk assessment protocol (HAVI)

Distribution
(2 questions)

Propagule
pressure
(2 questions)

Means of
spread and
pathways
(2 questions)

Impact
(5 questions)

Recommended management measures
(3 questions)

What we should do for species and when?

Elodea nuttallii in Finland

- Negative

- New IAS of EU concern was detected in 2021
- Occurs now in 3 ponds in Southwest Finland
- Aquatic plant forms exceptionally dense monocultures that
 - exclude native species through competition
 - Reduce water movement, cut off light, produce anoxic conditions

- Positive

- Showed that our early detections systems work
- Great collaboration between authorities, researchers, species and water management experts, landowners
 - Identification of the species
 - Planning of the eradication measures

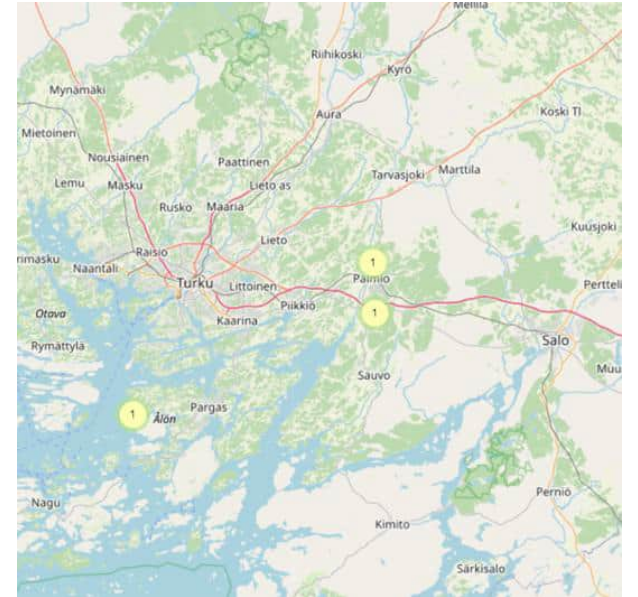
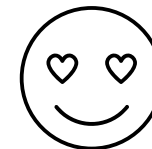
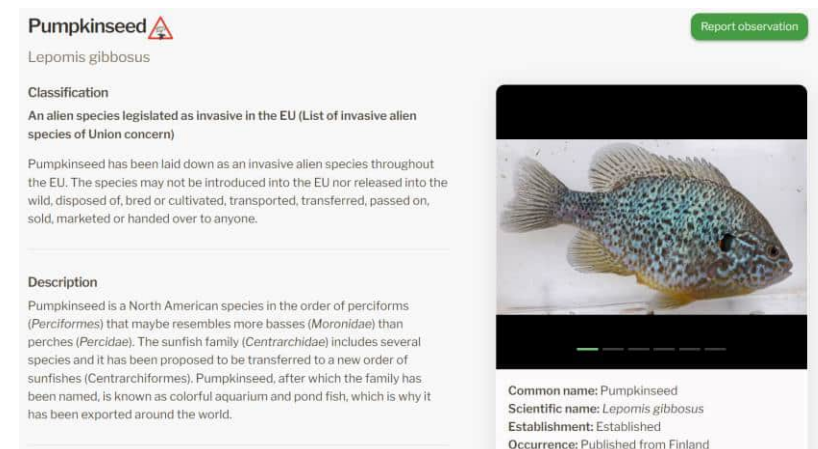
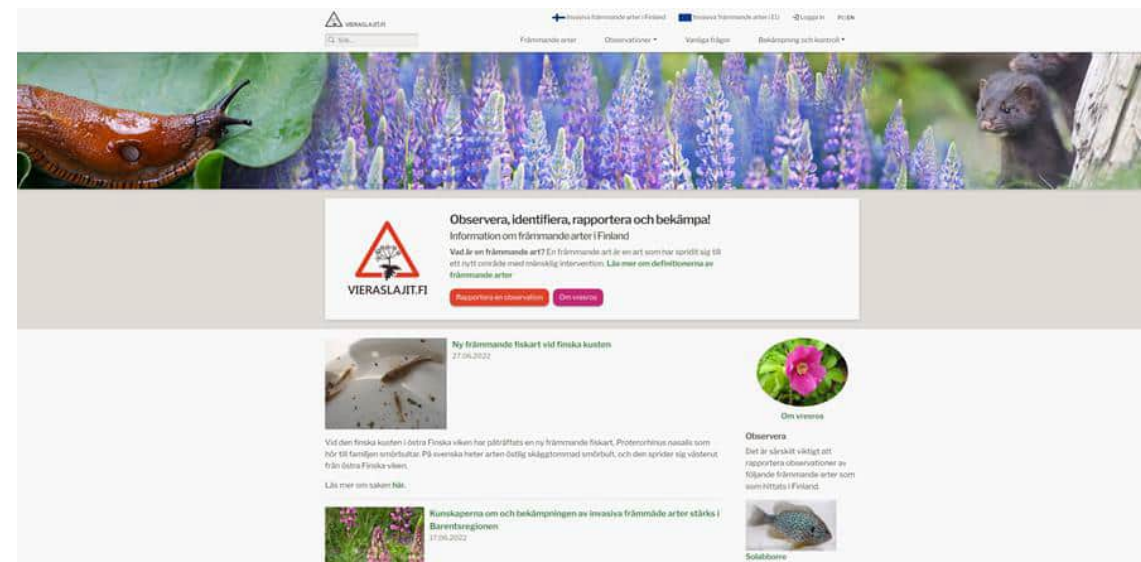


Photo: Janne Tolonen



Vieraslajit.fi webportal on invasive alien species

- Updated in 2021
- Information on invasive alien species in Finland
 - Legislation
 - Identification and eradication of species
 - Guidelines on control and waste management
- Report observations



Current communications on invasive Japanese rose (*Rosa rugosa*)



- Japanese rose is nationally regulated as invasive alien species
- Japanese rose may not
 - be released into the wild,
 - imported into Finland from outside the EU or from other EU countries,
 - transported, transferred,
 - bred or cultivated,
 - disposed of, passed on, sold, marketed, or otherwise handed over.
- The cultivation of Japanese rose prohibited from June 1st 2022, after a three-year transition period.
- Collected information and educative illustrations on japanese rose at Vieraslajit.fi
- Active communication at social media (Twitter, FB, Instagram)



More information on japanese rose

- In Finnish: <https://vieraslajit.fi/info/i-5977>
- In Swedish: <https://vieraslajit.fi/info/i-6030>

KURTTURUUSUN TUNNISTAMINEN

Tärkeimmät tuntomerkit



Raising awareness with information campaign



Kutsumaton vieras, “an unwanted guest”, was an information campaign in social media channels targeted to home gardeners. The campaign was a success with 40 partner organisations and a wide audience in both social and traditional media in April – August 2021.

“An invasive alien species is like an unwanted guest in a garden party. It takes up all the space, doesn’t leave when asked to and even threatens the other guests.”



Management of IAS waste and contaminated soil

- Guidelines in Vieraslajit.fi: <https://vieraslajit.fi/info/i-5495>
- Proposal of operational model published in 2021



Luonnonvara- ja biotalouden tutkimus 3/2021
**Toimintamalliehdotus vieraslaji-
 jätteiden hallintaan**
 Selvitys, kuinka vähentää, vastaanottaa ja käsitellä vieraskasvijätettä
 Eija Huusela, Liisa-Majja Aukia, Miia Jauni, Marika Rastas ja Eeva-Maria Tuukkanen

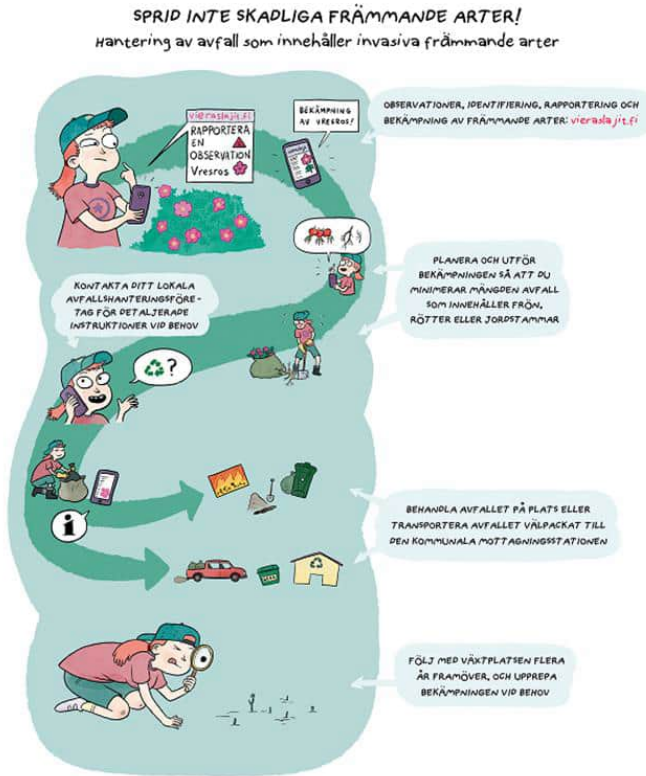


Illustration: Anton Lipasti

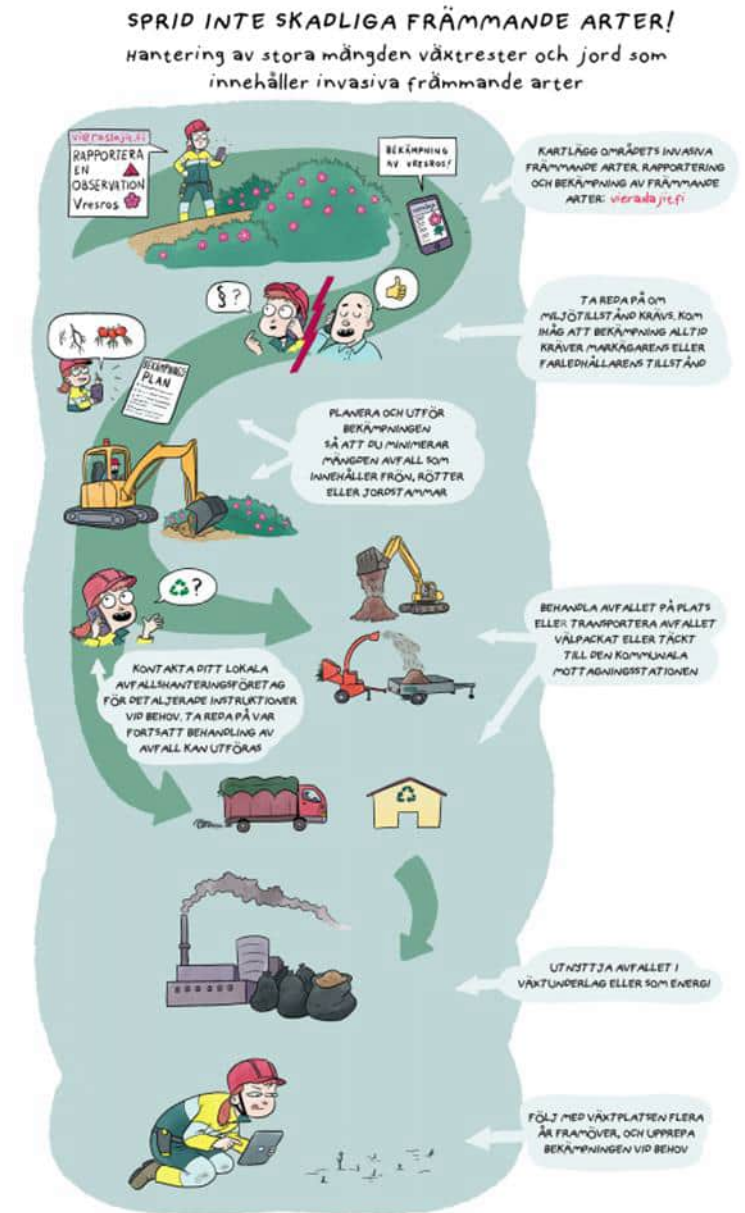


Illustration: Anton Lipasti

New project: Strengthening the management of invasive alien species and related competence in the Barents region



- 2022-2024
- The aim of the project
 - long-term and consistent **activation** of the inhabitants and actors of the Barents region for the management of invasive alien species as well as the application of **practical operating models** for the self-implementation and further **development of prevention work** in the region.
 - create an international **cooperation network** promoting invasive alien species issues in the Barents region, in which the participants share their expertise and jointly develop methods of invasive alien species control suitable to the conditions in the region.
- The project focuses on the control of invasive alien plants and pink salmon (humpback salmon).
- The project covers the Barents region of Finland, Sweden and Norway.
- Coordinator starting from 01/2023
- Contact: Vieraslajiportaali@luke.fi

Thank you!



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 luke.fi

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