

Development of a Management System for Invasive Alien Species



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4 Action Blocks



Development of regulatory framework



Information gathering



New methods of eradication



Building public awareness



Convention on Biological Diversity



CBD Aichi Target 9

invasive alien species and pathways are identified and prioritized, priority species are controlled or eradicated and measures are in place to manage pathways to prevent their introduction and establishment

EU BDS 2020 Target 5

Combat invasive alien species

EU BDS 2030 Bringing nature back into our lives

Addressing invasive alien species

- a 50% reduction in the number of Red List species threatened by invasive alien species



Contribution of LatViaNature to the implementation of Regulation (EU) 1143/2014

- ▼ **Guidelines** for species inclusion into the National List of Invasive Species
- ▼ **Risk assessments** for 24 pilot species
- ▼ **List of prioritised invasive species**
- ▼ **Description of IAS early detection and rapid eradication system**
- ▼ **Action plan** on the most important **pathways** of introduction and spread of IAS
- ▼ **Guidelines** for IAS **management plan**
- ▼ IAS **management plan** for two pilot species





Testing IAS eradication methods

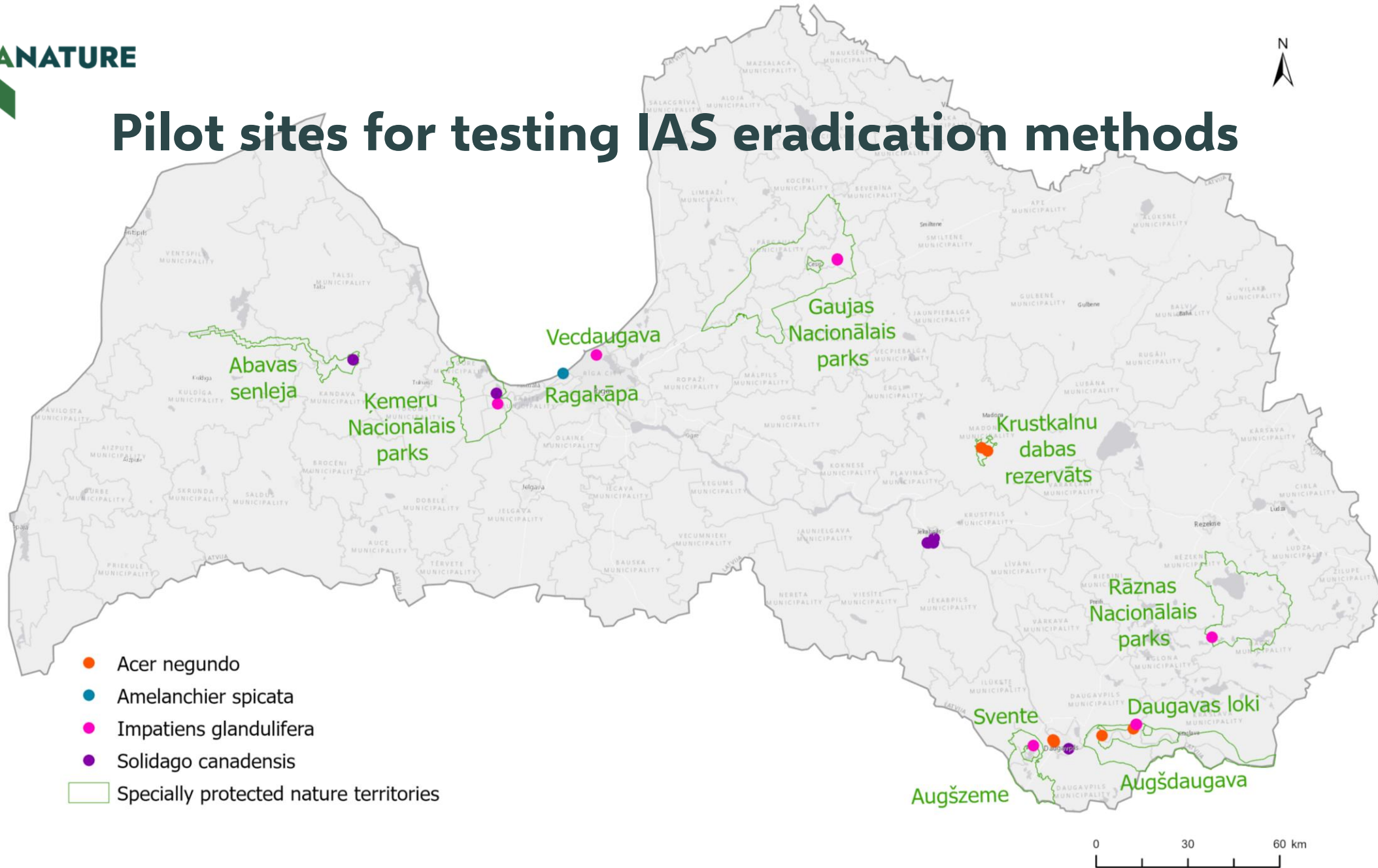
Five target species – the most aggressive species lacking in knowledge on cost-effective eradication methods:

Impatiens glandulifera / Himalayan balsam
Amelanchier spicata / Dwarf serviceberry
Solidago canadensis / Canadian goldenrod
Acer negundo / Boxelder maple
Rosa rugosa / Japanese Rose





Pilot sites for testing IAS eradication methods





<https://www.rigaskoki.lv/celmu-frezesana>



Foto: Mark Mauldin



<https://peskiadmin.ru/lv/korchevanie-pneivruchnuyu-pen-kak-vykorchevat-pen-kak-izbavitsya-ot.html>



<https://www.helpfulhorsehints.com/small-horse-and-pony-breeds/>



<https://landscapeandamenity.com/sections/urban-environment/articles/2019-03-08/hot-water-weed-control-with-multivo-and-waterkracht>



<https://www.profoolreviews.com/makita-xru16pt-36v-cordless-brush-cutter/>

The methods will be implemented, considering the existence of engineering communications in the pilot sites and the accessibility of service providers

Citizen science - an important source of data in determining the spread of IAS and recording new IAS



EASIN Citizen Science Program – Report sightings of Invasive Alien Species / the “Invasive Alien Species Europe” smartphone App



<http://bit.ly/invazivs>

The website and smartphone App "Invasive Species Manager/Invazīvo sugu pārvaldnieks"

Invasive Species Manager/ Invazīvo sugu pārvaldnieks

GOALS

- to educate and create public awareness
- involve the public in reporting IAS locations
- collect IAS distribution data
- provide an opportunity to easily and quickly obtain and use the collected IAS data

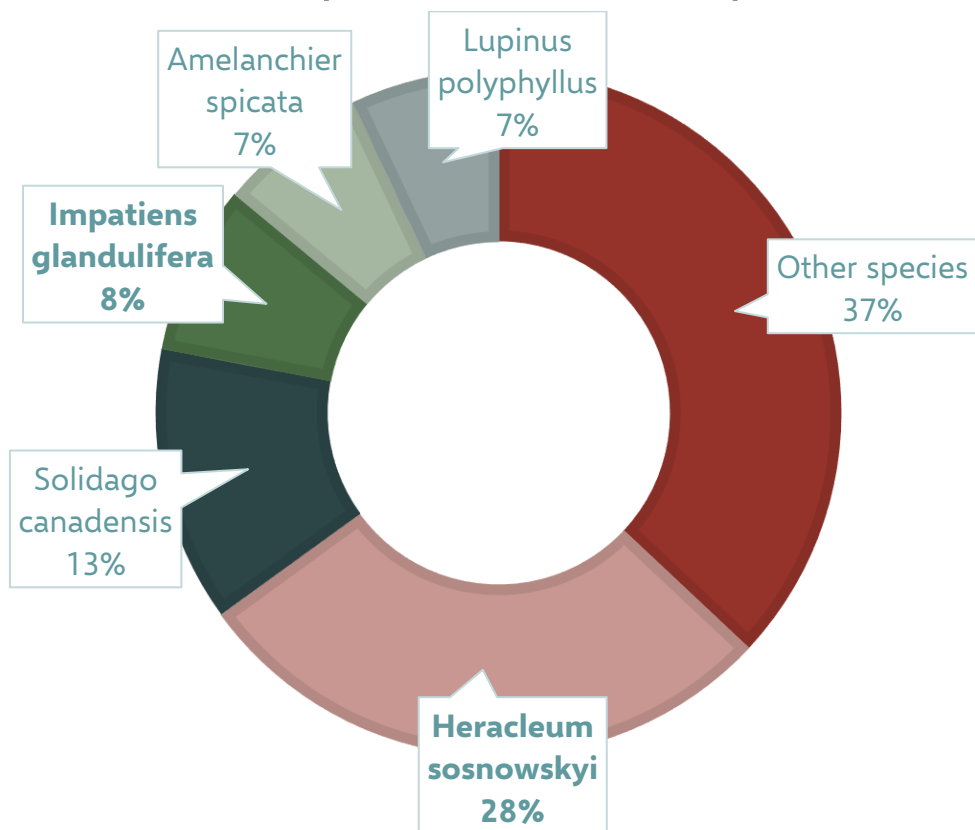


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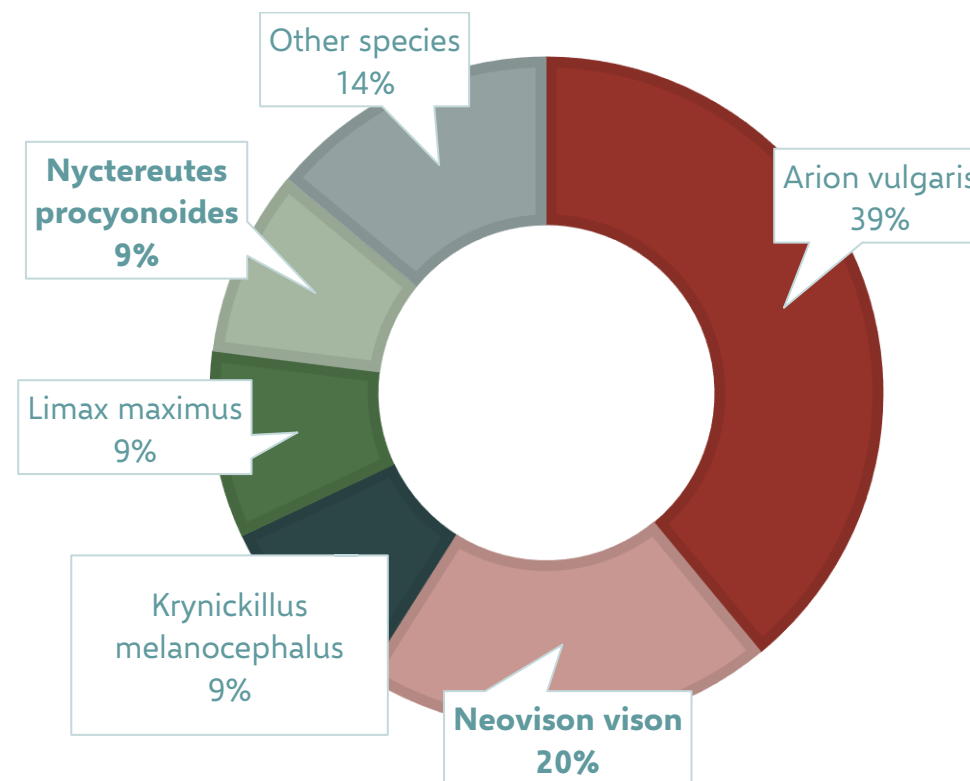
Reports on IAS locations

the website "Invasive Species Manager/Invazīvo sugu pārvaldnieks" since 06.05.2021.

Plant species - 2148 reports



Animal species – 956 reports







“Let`s Do It for Nature” initiative – volunteer events

- For people who love nature and enjoy being outdoors the initiative of the “*Let`s Do It for Nature*” is a great opportunity to do good things for nature as volunteers, meet new people and learn new skills
- Invasive alien species eradication; cutting down bushes; mowing meadows, harvesting hay; clean rivers of trees and beaver dams; prevention of erosion of coastal habitats etc.

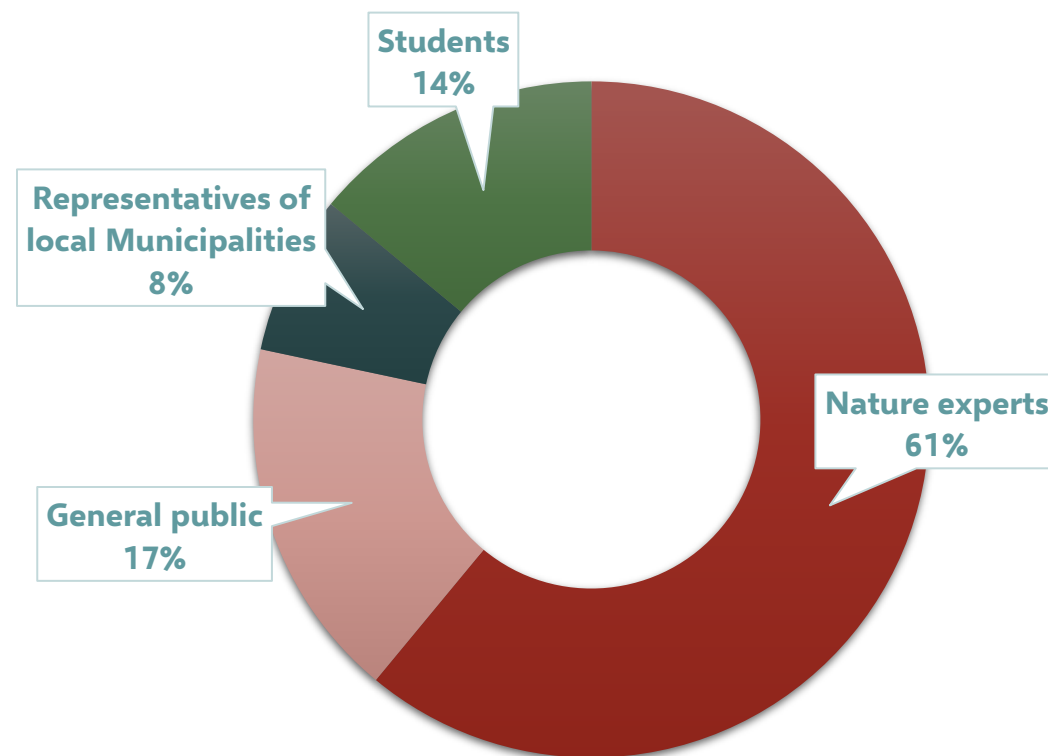
Volunteer events in LIFE-IP LatViaNature project within “Let`s Do It for Nature” initiative (autumn 2021 - autumn 2022)

- 13 events
- 531 participants from diverse target audiences
- Various ecosystems and habitats

From which:

- 7 events-invasive alien species eradication
- 300 participants from diverse target audiences

Target audiences (n=300)





Invasive species eradicated within volunteer events (autumn 2021 - autumn 2022)

- Rugosa Rose/Japanese Rose (*Rosa Rugosa*)
- Himalayan balsam (*Impatiens glandulifera*)
- Blue lettuce (*Lactuca tatarica*)
- Many-leaved lupine (*Lupinus polyphyllus*)
- Dwarf serviceberry (*Amelanchier spicata*)
- Canadian goldenrod (*Solidago canadensis*)
- Boxelder maple (*Acer Negundo*)



Thank you!



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