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the European Union

LIFE22-NAT-SI-LIFE OrnamentallIAS – 101107725



# LIFE OrnamentallIAS

Project Networking, Latvia, 12.5. 2025

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REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA NARAVNE  
VIRE IN PROSTOR



**Zajedno čuvamo prirodu**  
Sufinancirano sredstvi Fonda za zaščito  
okolja i energetske učinkovitost



ZAVOD REPUBLIKE SLOVENIJE  
ZA VARNOST NARAVE



REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA NARAVNE VIRE IN PROSTOR  
DIREKCIJA REPUBLIKE SLOVENIJE ZA VODE



Kmetijsko gozdarska zbornica Slovenije



Kmetijsko gozdarska zbornica Slovenije



NOTRANJSKI  
REGIJSKI PARK



Arboretum  
VOLČJI POTOK



RAZVOJNA  
AGENCIJA  
SORA d.o.o.



simbio  
v simbolu z okoljem



ZELENI PRSTEN  
Zagrebačke županije



INSTITUT REPUBLIKE SLOVENIJE  
ZA VARSTVO NARAVE

## Prevention and management of adverse impact of ornamental invasive alien plant species on endangered habitat types and species of EU importance



**Duration: 1.10.2023. – 30.09.2029. (6 years)**

**Total budget: 7.860.114,05 €**

**Co- funding: 60 % (EU) + 15 % (FZOEU)**

## Coordinating beneficiary

Republic of Slovenia for Nature Conservation (ZRSVN)



ZAVOD REPUBLIKE SLOVENIJE  
ZA VARSTVO NARAVE



## Beneficiaries

- Development Agency Sora Ltd. (RAS)
- Directorate of the Republic of Slovenia for Water (DRSV)
- Arboretum Volčji Potok
- Chamber of Agriculture and Forestry of Slovenia (KGZS)
- Institute of Agriculture and Forestry Celje (KGZS-Institute Celje)
- Simbio – Waste Management company
- Notranjska Regional Park (NRP)
- University of Zagreb, Faculty of Agriculture (FAZ)
- Public Institution Green Ring of Zagreb County



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simbio, d.o.o.  
V simbiozi z okoljem



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# Problem

Invasive species are one of the greatest threats to biodiversity conservation.

Many foreign invasive species have entered the EU as ornamental plants.

Their spread into natural environments endangers native species and habitats of EU importance (Council Directive 92/43/EEC).

LIFE OrnamentallAS addresses ornamental invasive plant species (IBV) at three levels:

- ☒ Prevention
- ☒ Early warning rapid response (EWRR)
- ☒ Management of Introduction Pathways

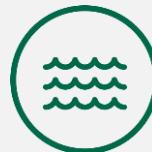




The project addresses  
five areas:



Gardening with Ornamental Plants



Water Management



Green Waste Management



Nature Conservation



Agriculture



**WP1 - Project management and coordination**

**WP2 - Alternatives to ornamental invasive alien plants**

**WP3 –Early warning and rapid response to IAS on agricultural land**

**WP4 - Upgrading the early warning and rapid response (EWRR) system in water management**

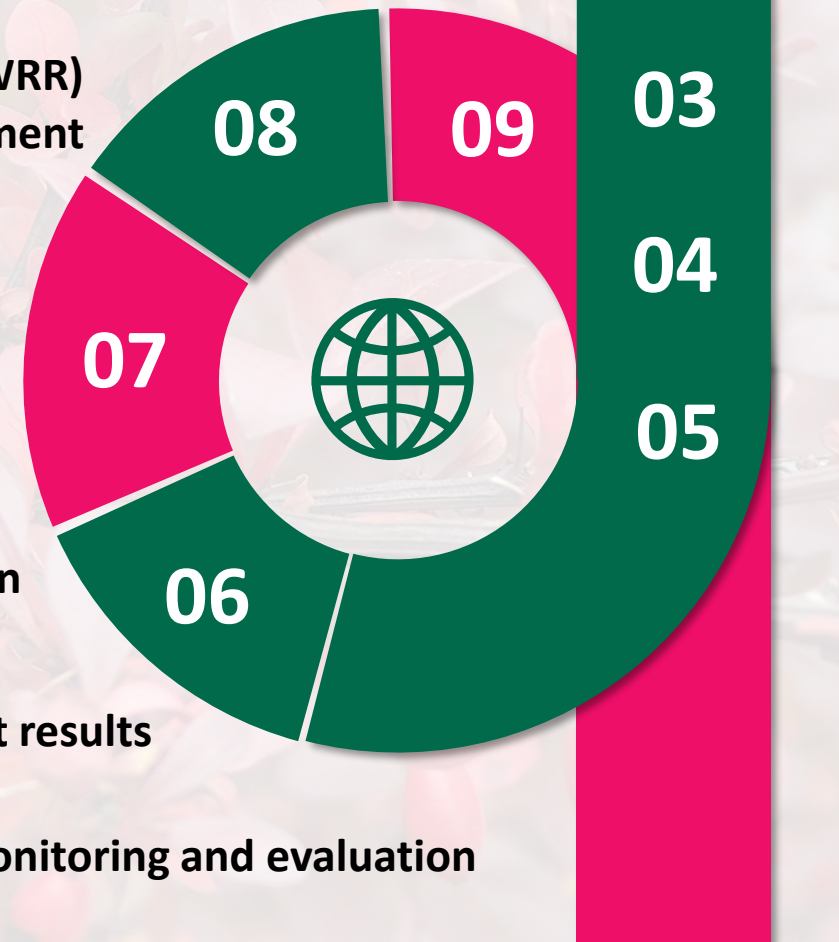
**WP5 - Upgrading the early warning and rapid response (EWRR) system in water management**

**WP6 - Improvement of conservation status of species and habitat types in EU importance**

**WP7- Project Communication and Dissemination**

**WP8 - Sustainability, replication and exploitation of project results**

**WP9 – Monitoring and evaluation**



# The concept

## PREVENTION

- Analysis of the invasiveness of ornamental plants and preparation of black, orange and white lists (participatory approach)
- Signed codes of conduct for invasive alien ornamental plants
- Demonstration ornamental plantings with native species
- Guidelines for effective garden waste management system with recommendation for user friendly ways of waste garden disposal for municipalities and public waste management enterprises
- Research on the potential for alternative use of IAP residues and their potential for circular economy
- Education and communication

## EWRR

- Training of agricultural consultants and water protection supervisors (DRSV concessionaire)
- Protocol proposals for the EWRR system on agricultural, water and waterside land

## MANAGEMENT

- IAP removal and renaturation in pilot areas
- Finding the most effective and economically viable methods of IAP removal for the conservation of endangered habitats
- IAP management plans for selected pilot areas



## WP2

### Alternatives to ornamental invasive alien plants

- ❖ Reduce the introduction of ornamental invasive plant species (ISBV) into nature
- ❖ Assess the presence of ornamental invasive plant species (IIAS) in green areas (public and private)
- ❖ Analyze the current state of ornamental invasive plant species (IBV) and alternatives on the market
- ❖ Propose white, orange, and black lists
- ❖ Prevent the sale of problematic ornamental invasive species
- ❖ Offer and promote "safe" substitute species – 16 locations with demonstration plantings



# Work package 3! Work package 4

Early  
warning and  
rapid  
response to  
IAS on  
agricultural  
land

**WP3**

- ❖ Report on existing solutions for early detection and rapid response (EWRR) to invasive alien plant species (IAS) in agricultural land for Slovenia and Croatia.
- ❖ Overview of the development of early detection and rapid response measures for watercourses and their shores in Slovenia and Croatia.

Upgrading the early warning  
and rapid response (EWRR)  
system in water management

**WP4**

- ❖ Establish or improve early detection and rapid response systems in agriculture and water management—informing or educating around 100,000 farmers, agricultural advisors, or water inspectors with at least 10 removal actions.

## WP5

### Upgrading the early warning and rapid response (EWRR) system in water management

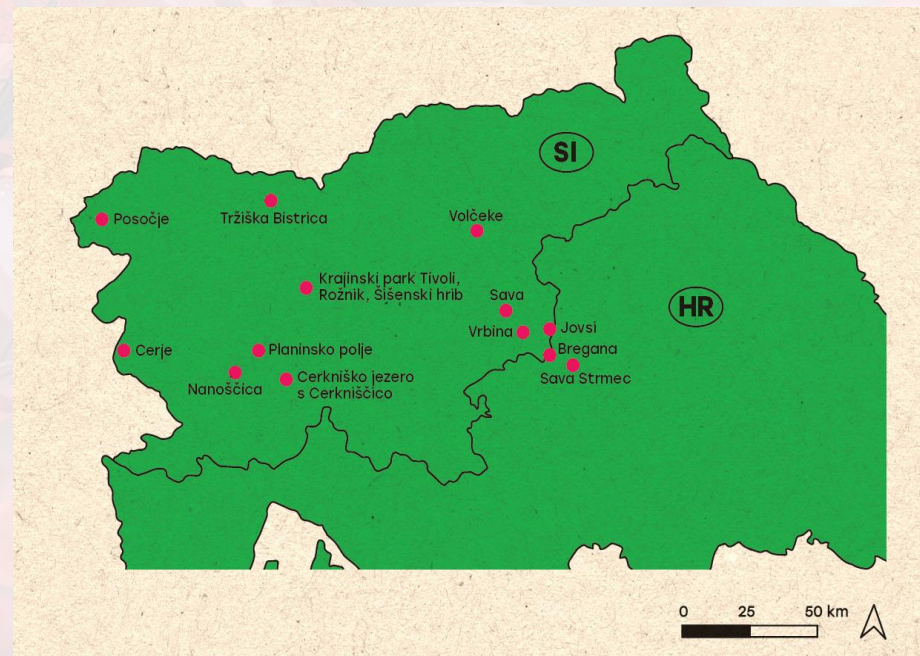
- ❖ Development of efficient methods for processing garden waste to ensure the safe reuse of compost—preventing the spread of invasive alien plant species (ISBV) .
- ❖ Preventing the spread of IBV due to improperly managed garden waste and offering effective disposal methods for municipalities and public utility companies.
- ❖ Transferring knowledge to municipalities and public utility companies in Slovenia and Croatia.
- ❖ Conducting laboratory analyses on the functional, nutritional, and energy value of ISBV species.



## WP6

Improvement of  
conservation status of  
species and habitat  
types in EU importance

- ❖ Inventorying invasive plant species across 13 pilot areas
- ❖ Optimizing and developing management methods for IAS and restoring habitats
- ❖ Additional component— management of garden green waste
- ❖ Developing and implementing more efficient methods for habitat management and restoration .





# Work packages

**WP1**

Project  
management  
and  
coordination

**WP7**

Project  
Communicati  
on and  
Disseminatio  
n

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Sustainability,  
replication  
and  
exploitation of  
project results

**WP8**

Monitoring  
and evaluation

**WP9**



# Expected impacts

- ❖ EWRR system protocols incorporated into the planning documents of key sectors.
- ❖ Developed methods for more efficient management of garden waste.
- ❖ 230 hectares of areas of special importance under improved management .
- ❖ 110 hectares of areas of special importance restored .
- ❖ At least 10 garden waste disposal sites removed.
- ❖ Public awareness raised about the dangers of ornamental invasive plants.



# Thank you for your attention!



Thank  
you!



LIFE Ornamental IAS team 😊

