

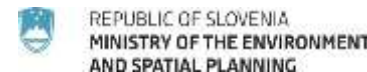


Awareness raising, training and
measures on invasive alien species in
forests

LIFE ARTEMIS - Awareness Raising, Training and Measures on Invasive alien Species in forests (LIFE15 GIE/SI/000770)

Maarten de Groot

29-30.11.2017, Platform
meeting on Invasive Alien
Species (IAS), Milano





Setting the scene

- Many problems with invasive alien species (IAS).
- Eradication is almost impossible when they get established.
- Avoiding and eradication at first sight is most important.
- Therefore an early warning and rapid response system for IAS is needed.



Thuja 2



Setting the scene

- Insufficient collaboration between the different institutes.
- There are only a few professionals working on IAS, in order to get a fast detection observations of the public is needed.



Project goal

to contribute to the reduction of the harmful impacts of invasive alien species on biodiversity by increasing public awareness and by setting up an efficient early warning and rapid response (EWRR) framework for invasive alien species in forests.



Project objectives

1. Increase **awareness of the general public**, in particular of private forest owners, of threats caused by invasive alien species to forests.
2. Establish an efficient national **institutional framework for early detection and rapid response** for alien species in forests.
3. Improve the **national capacity for early detection** of alien species in forests by mobilising and training professionals and volunteers.



Public opinion about IAS

- 76% heard of AS
- Recognition of IAS differed per group
- Respondents seem to think IAS are more critical globally and not as much locally
- More than 75 % of all respondents have not yet have any problems with IASs personally

POZNAVANJE IN RAZUMEVANJE IZRAZA "TUJERODNA VRSTA"



Ali ste vedeli?

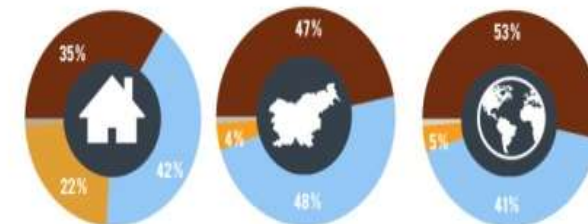
Tujerodna vrsta je žival, rastlina, gliva ali mikroorganizem, ki ga je človek namerno ali nenamerno zanesel na območje zunaj njene naravne razširjenosti.



ALI SO TUJERODNE VRSTE PROBLEM IN KAKO VELIK?



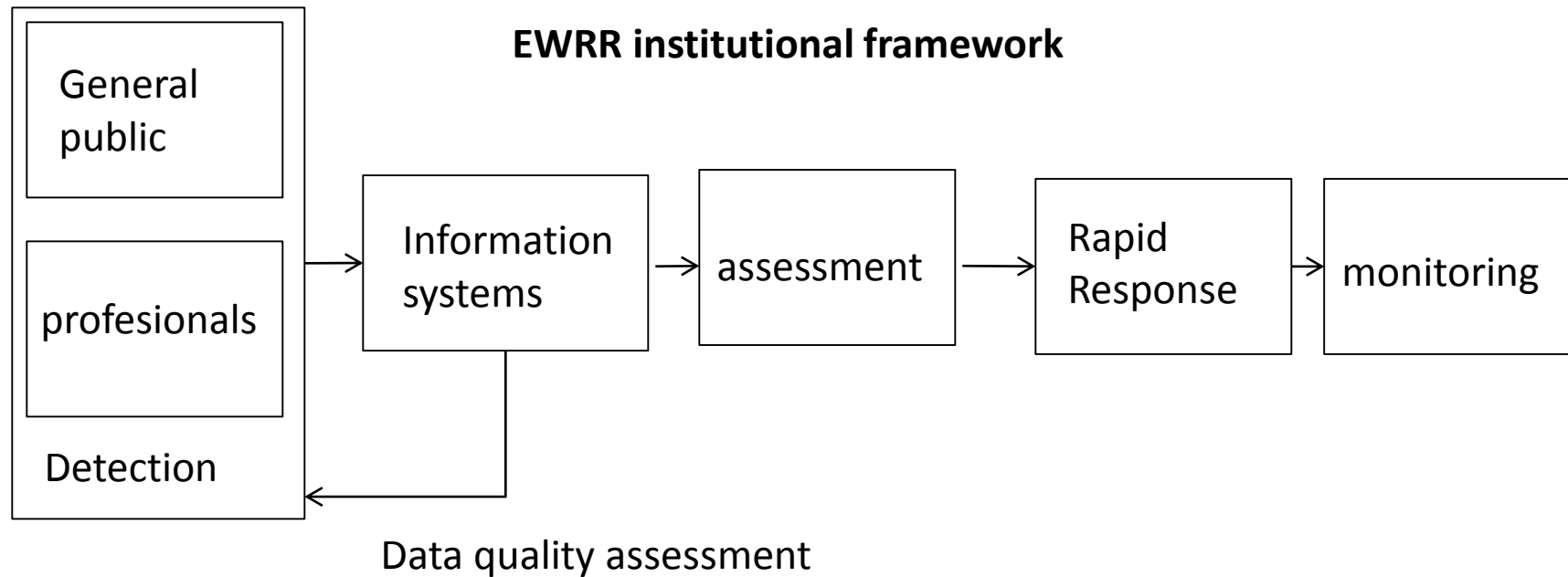
8 od 10 Slovencev meni, da so invazivne tujerodne vrste problem.



■ Zelo pomemben problem
■ Pomemben problem
■ Manj pomemben problem
■ Nepomemben problem

Anketirancem se problemi: tujerodnih vrst v domačem zdijo manjši kot v Sloveniji

Establishment of the EWRR institutional framework



Regional forest IAS alert list

- 13 insect species
- 11 fungi species
- 53 plant species
- 6 mammal species



Training professionals and volunteers



Engaging foresters and citizens scientists in collecting IAS data





Osveščanje, usposabljanje in ukrepanje
za invazivne tujerodne vrste v gozdu

Spletni portal Invazivke

[Javni podatki](#) | [Naročanje](#) | [Seznam tujerodnih vrst](#) | [Strokovnjaki](#) | [Statistika vnosa](#) | [Prijava Registracija](#)

O spletni aplikaciji

Spletna aplikacija Invazivke je del javnega elektronskega informacijskega sistema za zbiranje podatkov o invazivnih tujerodnih vrstah (ITV), ki vključuje namizno, spletno in mobilno aplikacijo in povezuje več obstoječih informacijskih sistemov, ki že zbirajo podatke o ITV v Sloveniji.

Mobilna aplikacija

Za prenosne naprave z operacijskim sistemom Android je na voljo brezplačna aplikacija Invazivke v trgovini Play.



Zadnje najdbe

Vrsta	Lokacija
Amelops artemisiifolia	Pohtin (Prihova)
Cornus sericea	Trbovlje
Paulownia tomentosa	Šalovci Kolnski
Paulownia tomentosa	Zaravnici pod Kazarom
Impatiens glandulifera	na koku
Erigeron annuus	Šmartno
Impatiens glandulifera	Šmartno
Impatiens glandulifera	Šmartno
Impatiens glandulifera	Šmartno

Javen pregled podatkov

Pregled poročanih vrst



Tujerodne vrste

Seznam

- [sajasto odmiranje skorje](#)
- [pooplenitev hrastov](#)
- [javorov rak](#)
- [fitofloce](#)
- [borov smolasti rak](#)

Fotografije



Izbrana vrsta

[japonsko kosteničje](#)
[Lonicera japonica](#)



Statistika vnosa

- Stanje: 28.09.2017 10:48
- Skupaj zapisov: 3086
- Spletna aplikacija: 253
- Mobilna aplikacija: 2075
- Delež pravičnih zapisov: 91,9

[Podrobna statistika vnosa](#)

Moje najdbe 1

Št. najdb: 49 Janez Žuželkar

javorov rak	Eutypella parasitica	Rožnik	?
Najdba: 2017-05-08	Št. slik: 2. Prenos: NE	nepreveren	
Sprememba: 2017-05-08			
borov smolasti rak	Fusarium circinatum	v htcngfj jzzf z	×
Najdba: 2017-04-18	Št. slik: 1. Prenos: DA	nepripraven	
Sprememba: 2017-04-18			
javorov rak	Eutypella parasitica	Ljubljana	?
Najdba: 2017-04-18	Št. slik: 1. Prenos: DA	nepreveren	
Sprememba: 2017-04-19			
holandska brestova bolezen, odmiranje brestov	Ophiostoma novo-ulmi		?
Najdba: 2017-04-18	Horjul	nepreveren	
Sprememba: 2017-04-19	null, Prenos: DA		
borov črni rak	Atropellis piniphila	Bežigrad	✓
Najdba: 2017-04-17	Št. slik: 1. Prenos: DA	pravičen	
Sprememba: 2017-04-18			
javorov rak	Eutypella parasitica	ggfhgngngvgfnc	✓
Najdba: 2017-04-16	Št. slik: 2. Prenos: DA	pravičen	
Sprememba: 2017-04-18			
azijski ambrozijski podlubnik	Xylosandrus crassiusculus	ht m mlfz ht,	✓
Najdba: 2017-04-16	Št. slik: 1. Prenos: DA	pravičen	
Sprememba: 2017-04-16			
brestova grizlica	Aproceros leucopoda	Bežigrad	✓
Najdba: 2017-04-16	Št. slik: 3. Prenos: DA	pravičen	
Sprememba: 2017-04-16			
azijski ambrozijski podlubnik	Xylosandrus crassiusculus	hgmifht g hn	4
Najdba: 2017-04-16			

Podatki o najdbi

Podatki o najdbi 2

Vrsta: 1 pooglenitev hrastov
Biscogniauxia mediterranea

Datum najdbe: 13.04.2017

Koordinati XY (m): X = 460136 m, Y = 101165 m

Naziv lokacije: Čad

Št. osebkov (ocena): 955

Vnos: 13.04.2017 16:54

Zadnja sprememba: 14.04.2017 09:05

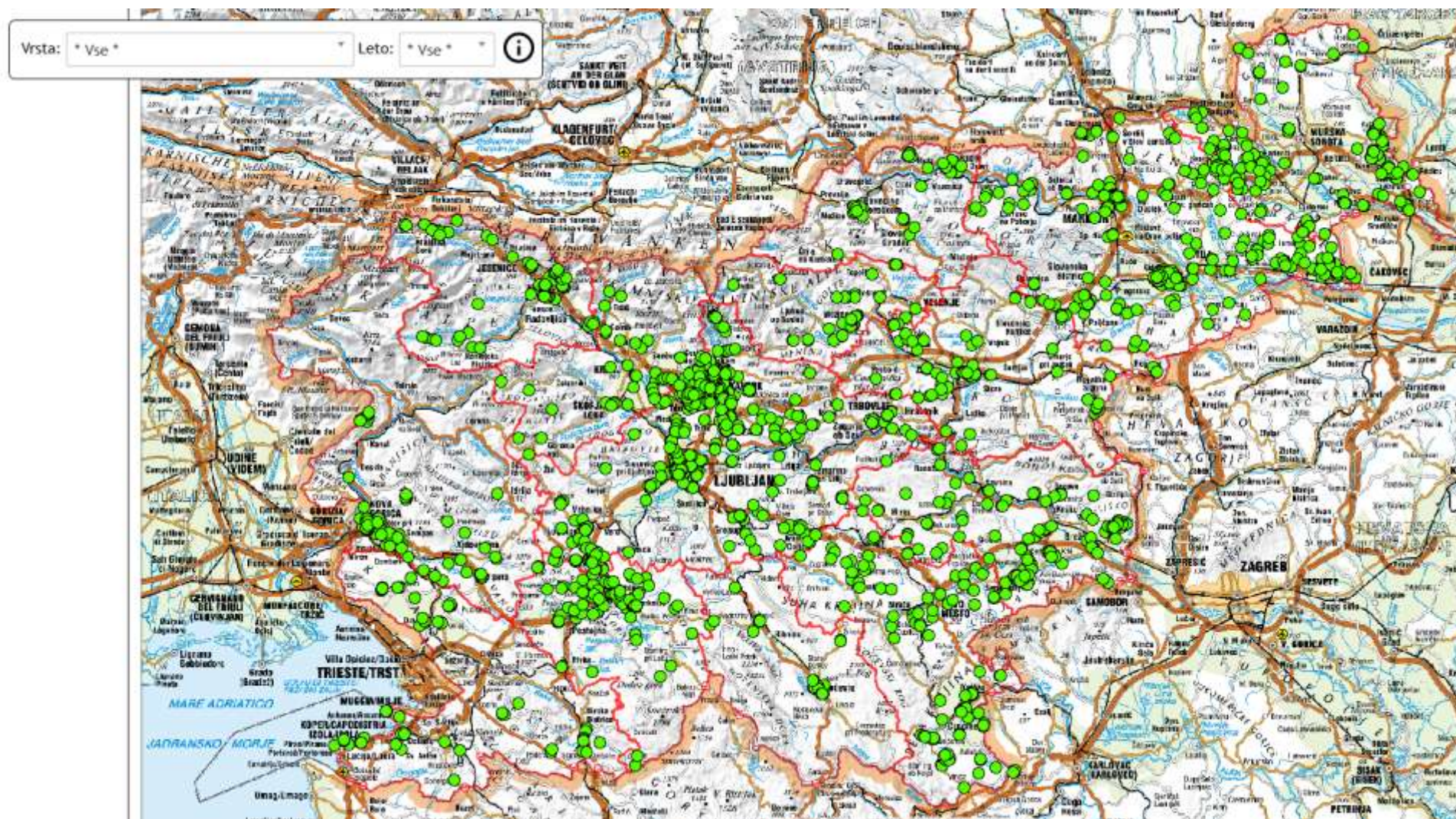
Pravilnost: ? nepreveren

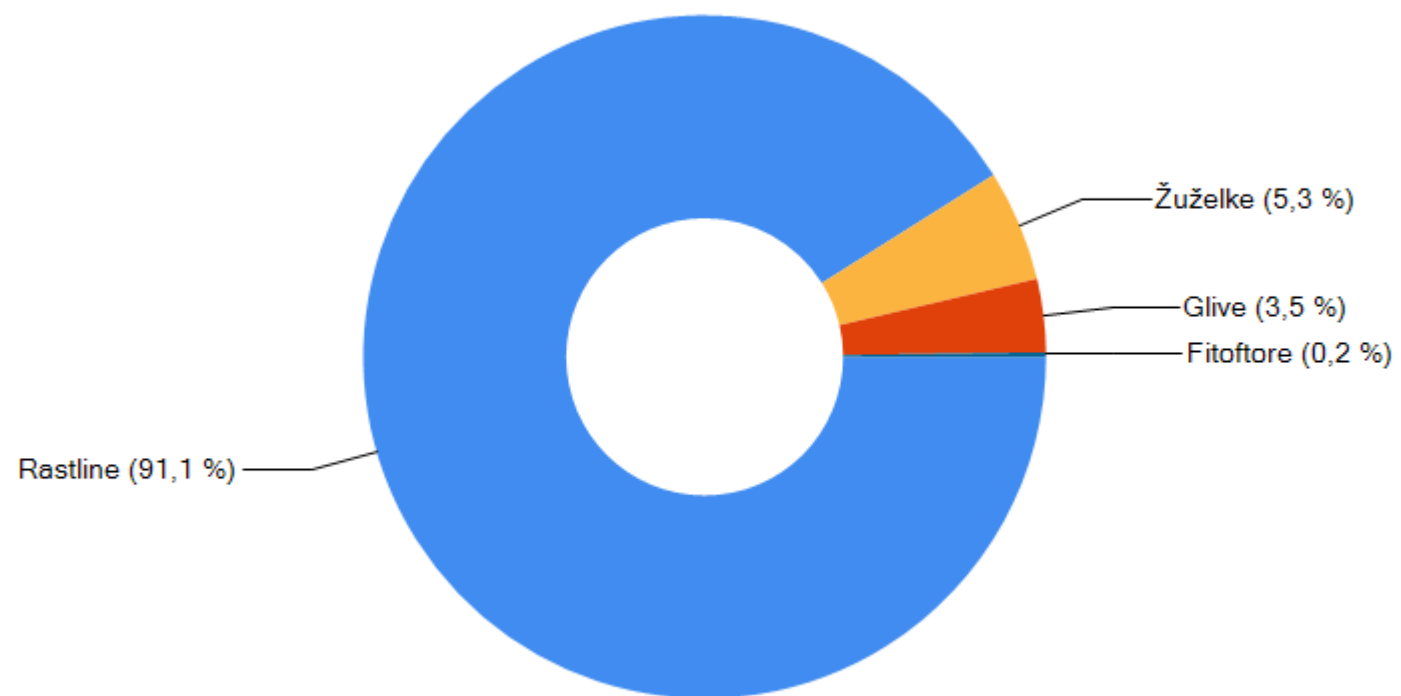
URED NOVA NAJDBA IZBRIŠI

KARTA MOJE NAJDBE 3

Fotografije 4







Case studies

- Involving the general public in the management of IAS in urban forests



Case studies

- Canker of maple awareness campaign
 - Awareness campaign
 - Detection of canker of maple
 - Mitigation of canker of maple



National awareness raising campaign on IAS





Kontakt

 tujerodne-vrste.info

 www.invazivke.si

 life.artemis@tujerodne-vrste.info

 [@LIFEARTEMIS](https://www.facebook.com/LIFEARTEMIS)

 [@lifeartemis_si](https://twitter.com/lifeartemis_si)

