

REPORT of the ERFP Working Group Ex Situ Conservation + EUGENA development

Sipke Joost Hiemstra and Jelena Ramljak

2015-2016

WG Ex Situ – Agreed Work Plan

- Support further EUGENA development
 - Concluding the Memorandum of Understanding (MoU) (template)
 - First MoUs signed
 - Further development of Model MTA and MAA with TF ABS
- Ad Hoc Action
 - EUGENA portal design
- Gödöllo meeting – jointly organised FAO Budapest-ERFP
- Survey *ex situ in vivo*

EUGENA – European Gene Bank Network

Memorandum of Understanding

Signing countries	Countries in progress
Italy	The Netherlands
Romania	Switzerland
Slovenia	Lithuania
?	Serbia
	Spain
	Austria
	?



ERFP General Assembly Meeting :: 27th – 28th August 2016 :: Belfast, UK



Participation in EUGENA

- *European level*
 - Participating ERFP Member Country and the ERFP Secretariat sign the EUGENA MoU
- *National*
 - Agreement between ERFP Member Country representative and EUGENA participating gene bank(s) at national level
 - ERFP Member Country representative informs the ERFP Secretariat on genebank(s) participating in EUGENA



WG Ex Situ meeting

12 April 2016, Gödöllő, Hungary

- **EUGENA – Memorandum of Understanding
– S.J. Hiemstra**
- **EUGENA Web Portal design (ERFP ad hoc action)
– Dace Smiltina**
- **News from countries – latest developments**
- **In vivo – ex situ conservation survey – results
B. Berger & E. Stalhammar**
- **Election of new chair**
- **Proposals for activities in 2017 and budget**

WG Ex Situ meeting
12 April 2016, Gödöllő, Hungary

Ad hoc Action *EUGENA Web Portal*

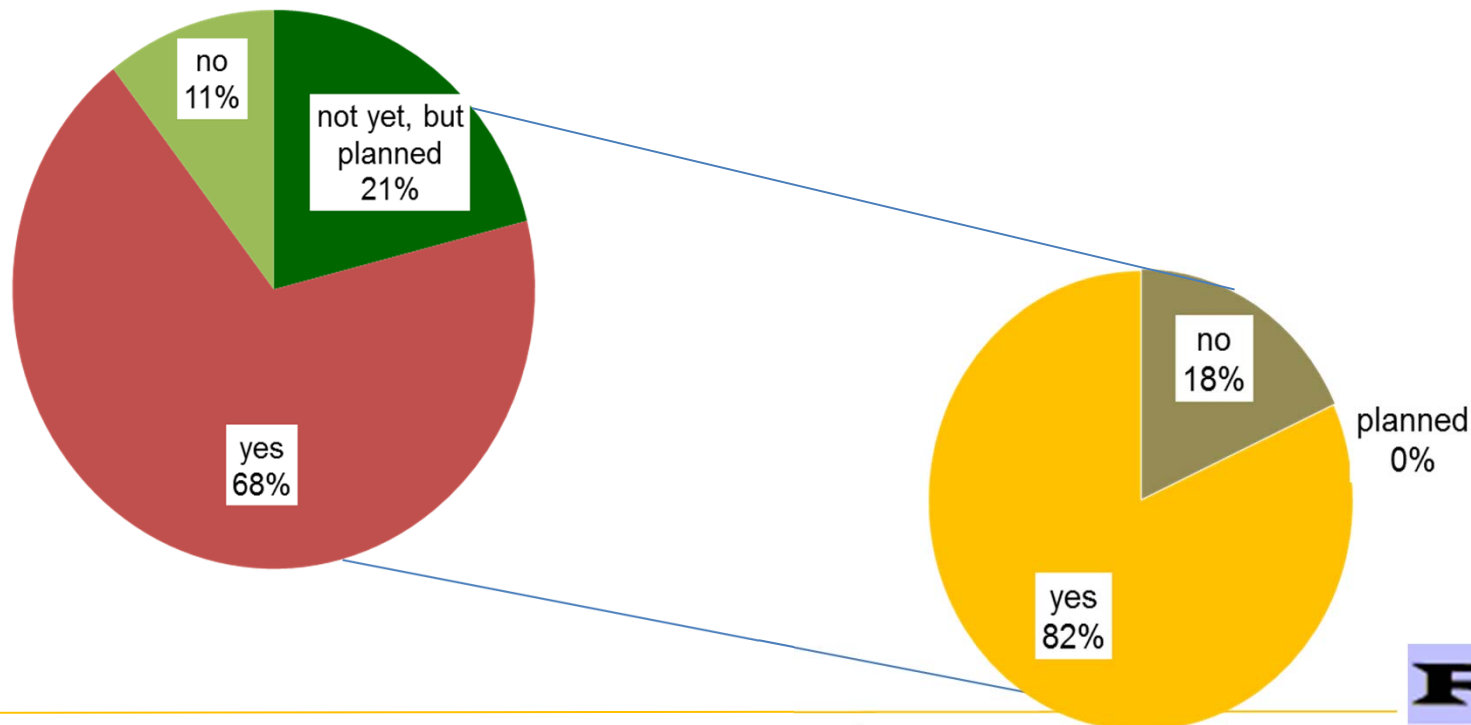
(Dace Smiltina)

- Design of EUGENA Web portal for (register of) gene bank collections and related information in Europe

WG Ex Situ meeting 12 April 2016, Gödöllő, Hungary

In vivo – ex situ conservation survey results
(B. Berger & EM. Stålhammar,

Do you have *ex situ in vivo* conservation of AnGR?/
Do you have *ex situ in vivo* genebanks?



Gödöllő workshop – ERFP+FAO

13 April 2016, Gödöllő, Hungary

FAO Regional Office: Tibor Szucs, Andriy Rozstalnyy

WG-Ex Situ: Beate Berger

- In Situ and Ex situ gene conservation in Europe -
Overview of the Region # P. Boettcher FAO
- Latest developments in cryobiology and reproductive
technologies # H. Woelders
- The Nagoya protocol and its impact on AnGR and gene
banking # E. Martyniuk / S.J. Hiemstra

Gödöllő workshop – ERFP+FAO

13 April 2016, Gödöllő, Hungary

- Presentation of the host: Research Centre for Farm Animal Gene Conservation
 - Theme: protection and development of Hungarian animal breeding traditions



Gödöllő workshop – ERFP+FAO

13 April 2016, Gödöllő, Hungary

- Presentations: status of In situ and Ex situ gene conservation:
 - Albania
 - Georgia
 - Lithuania
 - Macedonia (FYR)
 - Montenegro
 - Russia
 - Serbia
 - Ukraine
 - Moldova



Election of **new chair** for WG-Ex Situ



S.J. Hiemstra



J. Ramljak

Countries represented (nominations)

Country	Name	Surname
Albania	Kristaq	Kume
Austria	Beate	Berger
Belgium	Sandrine	Vandenbempt
Bulgaria	Valentin	Georgiev
Croatia	Jelena	Ramljak (chair)
France	Coralie	Danchin-Burge
Germany	Martina	Henning
Hungary	István	Péntek
Italy	Gustavo	Gandini
Latvia	Dace	Smiltina
Lithuania	Ruta	Sveistiene
Luxembourg	Jeanne	Bormann
Netherlands	Sipke Joost	Hiemstra
Norway	Nina	Sæther

Countries represented (continued)

Country	Name	Surname
Montenegro	Dusica	Radonjic
Poland	Ewa	Sosin-Bzducha
Portugal	Antonio	Horta
Romania	Livia	Vidu
Serbia	Srdjan	Stojanović
Slovakia	Elena	Kubovicova
Slovenia	Mojca	Simcic
Spain	Fernando	Tejerina
Sweden	Eva Marie	Stalhammer
Switzerland	Fritz	Schmitz-Hsu
Turkey	Vedat	Karakaş
Ukraine	Svetlana	Kovtun
United Kingdom	Sue	Goligher

Work plan of WG-Ex Situ 2016-2017 (1)

- Further work in
 - finalization of model/standard of MAA/MTA (together with Task Force ABS)
- *Ex Situ – In Vivo* # lead by Beate Berger
 - 5 members group → develop some guidelines how to integrate Ex Situ In Vivo in EUGENA
- development and implementation of the EUGENA Web portal
 - Continuation of Ad Hoc group
 - Supported by WG Documentation and Information

Work plan of WG-Ex Situ 2016-2017 (2)

- Next meeting (Belgrade, Serbia)?
 - exchange experiences and knowledge :
 - sanitary issues
 - collecting material for different species (chickens, rabbits, ...)
 - difficulties to use the genetic material to obtain newborn
 - constitute a list of experts (cryobiology, reproduction,...) for species on the website
 - transboundary breeds (experiences in conservation, utilization, self-sufficient, ...)

Thank you for your attention

