CYCLE OF WEBINARS

TOWARDS HARMONISED AND INTEGRATED WILDLIFE DISEASE SURVEILLANCE IN EUROPE

Approaches, opportunities and Citizen Science tools

Main outcomes of the 2nd Annual General Meeting of ENETWILD: approaches for a harmonized European-wide wildlife monitoring framework

Joaquin Vicente, Jose Antonio Blanco, The Enetwid Consortium

joaquin.vicente@uclm.es

ENETWILD

MAMMALNET

efsa
European Food Safety Authority

ENETWILD

CYCLE OF WEBINARS

WEBINAR 1

MammalNet: an overview of the project achievements and next steps.

MAY 9TH - 10:30/11:30AM

CLICK TO SUSCRIBE →

MAY 9TH // 10:30 – 11:30AM

WEBINAR 1

MammalNet: an overview of the project achievements and next steps

ENETWILD

CYCLE OF WEBINARS

WEBINAR 2

Harmonised and integrated wildlife disease surveillance in Europe: experts' analysis

MAY 23TH - 10:30/11:30AM

CLICK TO SUSCRIBE →

MAY 23TH // 10:30 – 11:30AM

WEBINAR 2

Harmonised and integrated wildlife disease surveillance in Europe: experts' analysis.

- **10:30-10:50h** -Wildlife diseases in publication databases with an European perspective. Rachele Vada/Stefania Zanet (UNITO)
- **10:50-11:10h** - Main outcomes of the workshop on integrated wildlife disease surveillance in Europe. Are we ready for the

ENETWILD

CYCLE OF WEBINARS

WEBINAR 3

Approaches and opportunities for integrated wildlife monitoring in Europe

MAY 31TH - 10:30/11:30AM

CLICK TO SUSCRIBE →

MAY 31TH // 10:30 – 11:30AM

WEBINAR 3

Approaches and opportunities for integrated wildlife monitoring in Europe

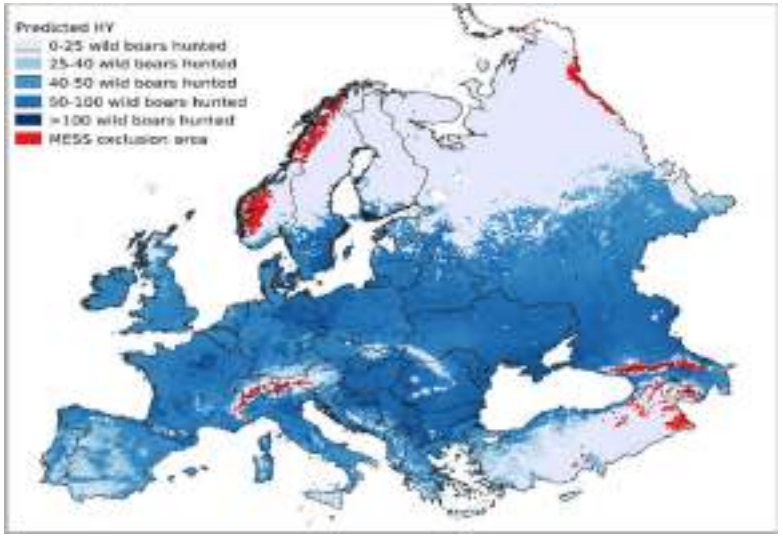
- **10:30-10:50h** - Main outcomes of the 2nd Annual General Meeting of ENETWILD: approaches for a harmonized European-wide wildlife monitoring framework. Joaquín Vicente (IREC))
- **10:50-11:10h** - The European Observatory of Wildlife (EOW). Tancredi Guerrasio (UNISS)
- **11:10-11:30h** - Questions

Webinar 3. Approaches and opportunities for integrated wildlife monitoring in Europe

- 10:30-10:50h. *Main outcomes of the 2nd Annual General Meeting of ENETWILD: approaches for a harmonized European-wide wildlife monitoring framework. Joaquín Vicente (IREC)*
- 10:50-11:10h. *The European Observatory of Wildlife (EOW). Tancredi Guerrasio (UNISS)*
- 11:10-11:30h. Questions

AIMS

- To compile valid information on abundance and distribution of wildlife species and diseases following harmonised methods and filtered by standards of quality
- To promote and coordinate the generation of new data
- Further enhance the network of wildlife professionals **to support wildlife monitoring** and data collection activities at European level

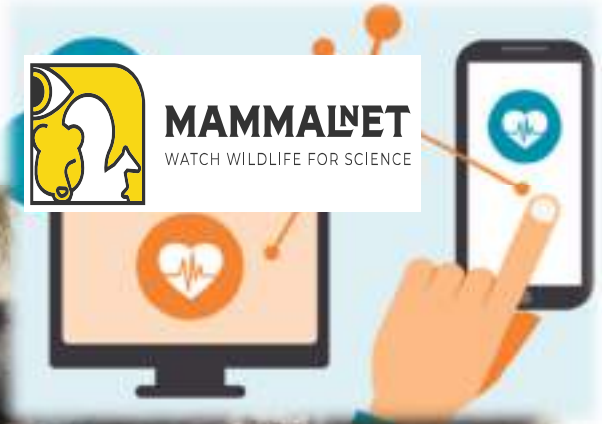


WHAT?

Population

Disease

Picture: Dragan Gacic



Stds. for wildl. dis. coming

HOW?

Mayor achievement!!!

1. **Harmonizing data collection: standards for distribution & abundance of wildlife & review methodology and propose density estimation protocols**

2. **Data collection (networking) and repository (open access)**

Mayor achievement!!!

Maps & models of species distribution

- **Use for risk assessment for diseases (EFSA, The Commission, any)**
- **Ecology & Management & Conservation of wildlife**

Report on standards: https://efsa.onlinelibrary.wiley.com/doi/10.2903/sp.efsa.2020.EN-1841

"Future (present) expectations: integrated monitoring"

MONITORING

One world
One health

Wildlife monitoring

Human

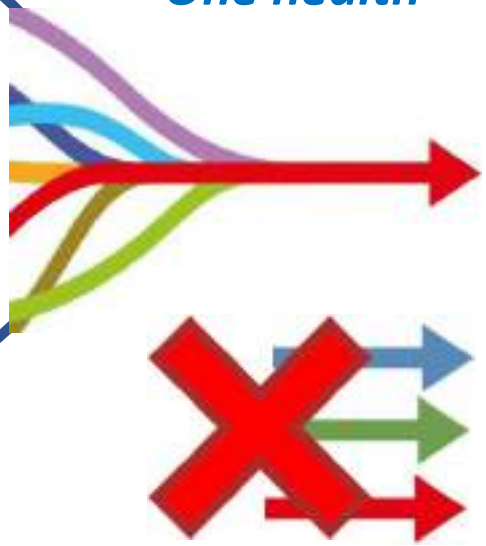
Domestic

Environment
& Biodiversity

Sociology

Anhropology

Economics, politics



“Harmonized national and international wildlife monitoring and coordinated decision-making in Europe”

Stakeholder Online workshop, 5th-6th October 2021

- To contribute to improve the European capacities for a common, harmonized and reliable wildlife (population) monitoring
- For that purpose we bring together a number of experts, stakeholders to discussions

- ***Wildlife monitoring is an inherent part of the process of coordinated and informed wildlife decision-taking***
- **Factors that govern wildlife distribution, abundance, their impacts, and disease spread are not bound by national borders**

Time to bring proper wildlife (disease) management in Europe for public and environment health benefit
"Harmonized national and international wildlife monitoring and coordinated decision-making in Europe"
• Inter-institutional and Inter-sectorial coordination at international level
• Best approaches to wildlife population monitoring and analysis (incl. impacts) & decision-making based on scientific knowledge and interdisciplinarity

- **A basic set of actions, feasible in a medium term were recommended**
- **Aim to contribute to the foundations of a harmonized Europe-wide wildlife monitoring framework able to sustain coordinated transboundary decision-making**

EFSA Supporting Publications

External scientific report | Open Access

Report of the 2nd Annual General Meeting of ENETWILD 5-6th October 2021

ENETWILD-consortium, R Pascual, P Acevedo, M Apollonio, JA Blanco-Aguiar, G Body, J Casaer, E Ferroglio, A Gomez Molina, S Illanas, P Jansen, O Keuling, P Palencia, K Plis ... See all authors

First published: 20 December 2021 | https://doi.org/10.2903/sp.efsa.2021.EN-7053

1. Europe urgently needs to define the foundations of modern wildlife management and objectives (monitoring)

- **Wildlife & conflict management mainly deals with non-threatened and common species (incl. game species): human factor especially relevant to develop sustainable policies**
- **European experts must**
  - (i) foundations of modern wildlife management **adapted to the European context**
  - (ii) to set common wildlife **management and monitoring objectives**
  - (iii) to propose **decision-making frameworks**
  - (iv) to agree on a **road map of actions and commitments** materialize **in a medium-term** perspective on order to match with the European Green Deal (2030)

2. **There are still relevant gaps in knowledge related to wildlife ecology, epidemiology, and management that need to be addressed**

3. **Institutional decisions must be coordinated both vertically (from local to international levels) and horizontally (among interest or sectors at each level) to generate a necessary collective action**

   - This must be led from the very top by a **trans-disciplinary EU authority/ies**

4. **Exchange experience and capacities on wildlife data collection and decision frameworks between countries**

   - A Standing **Committee & Specific Working groups** as consultants to policy makers & politicians (mandatory interdisciplinary composition)

5. **Coordinated distribution of roles among wildlife European Authorities and international and national monitoring frameworks**

6. **The development of a specific European legislation on wildlife management is needed to provide an adequate legal framework for:**

   - Co-ordinating wildlife management: **conflicts, associated with common species** & require inclusive approach towards multiple stakeholders & socio-cultural-economical scenarios
   - Supporting a Wildlife Management trans-disciplinary body/authority at the European level
     - capable to establishing the data priorities matching the needs at the European level
     - developing harmonised procedures/protocols for wildlife monitoring, data formats and flow
   - This is beyond current directives ("Habitats" and "Birds") that mainly focus on conservation aspects

8. An independent network of observation points and long-term wildlife monitoring is priceless to sustain international informed management

- It requires a careful design to become representative, to be centralised & secure long-term funding/management and proper infrastructure
- Combined with wildlife monitoring information obtained at lower cost for larger areas

9. Training and new information technologies to overcome dispersed local monitoring efforts

- Wildlife managers require support and training to facilitating field design, data processing and analysis, to monitor wildlife.

10. Communication and engagement strategy: effectiveness of wildlife policies is directly proportional to their acceptance

- Scientific, and technical, but also legislative initiatives should be complemented by a communication and engagement strategy to motivate and raise awareness of the importance of wildlife monitoring and management
- Because wildlife management includes different options, including population control, adequate communication to achieve stakeholder participation and public acceptance is essential to develop viable strategies

"To sum .....

MONITORING

One world

Wildlife monitoring

Human

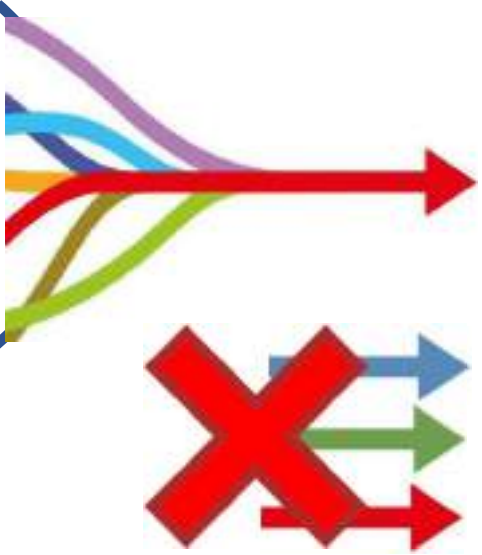
Domestic

Environment & Biodiversity

Economics, politics

Anhropology

Sociology



"To sum ….. Wildlife (integrated) monitoring

- Initial progress done in this area in Europe
- Efforts still disperse uncoordinated (different data collection frameworks, projects,…..)
- We need to define objectives and a route map …… and converge to generate a necessary collective action
- ….. Progressively and consistently

EFSA
Supporting Publications
Open Access

External scientific report | Open Access

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ENETWILD-consortium, R Pascual, P Acevedo, M Apollonio, JA Blanco-Aguiar, G Body, J Casaer, E Ferroglio, A Gomez Molina, S Illanas, P Jansen, O Keuling, P Palencia, K Plis ... See all authors

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SOON AVAILABLE ONLINE …….

https://wildlifeobservatory.org/

Thank you

european observatory of wildlife

A project by: ENETWILD https://wildlifeobservatory.org/

A network of observation stations to monitor wildlife at European scale

A network of "observation points" provided by collaborators from all European Countries capable to monitor wildlife population at European level. It is funded by the European Food Safety Authority (EFSA) through the project ENETWILD.

joaquin.vicente@uclm.es

More info Play video

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Polish Academy of Sciences
Białowieża

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THANK YOU!

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