Work Groups (WG) 1 & 2

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WG1 AND WG2 –KEY OBJECTIVES

WG1&2 address research coordination (RC) and capacity building (C) objectives R1 and C1

Objective R1: To assess current capacities for pan-European raptor biomonitoring and develop a framework for a European Raptor Biomonitoring Scheme (ERBioMS)

- Focus on current capabilities to detect temporal and spatial trends in contaminant exposure and key areas of weakness (in the absence of coordination).

- Develop an ERBioMS framework capable of delivering pan-European surveillance and monitoring of key pollutants (EU chemicals law and relevant global and regional conventions.

WP1 AND WP2 –KEY OBJECTIVES

WG1&2 address research coordination and capacity building objectives R1 and C1

Objective C1: build capacity in the 'analysis arena' through networking and collaboration among ecotoxicologists, collaborating laboratories and regulators

- Collaborative work on objective R1
- Piloting joint assessment and reporting *(deliver proof of concept*)
- Develop *guidance* on how to integrate assessments with those of relevant regulatory bodies (e.g. ECHA, EFSA, UNEP)…….ie explore how to mesh with key stakeholders needs

CURRENT WORKSHOP

Mstone 1.1, 2.1 6 M/WS1**: WG Workplanning, WGs 1 & 2**

- Identify those interested in coordinating and managing WGs 1 & 2
- Identify next steps
- Need working group beyond 4 core members
- Return to this slide at the end

Notes

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AIMS FOR TUESDAY WORKSHOP WG1 & 2

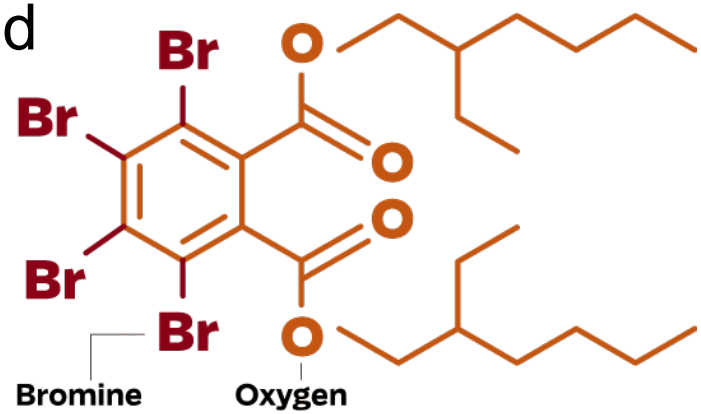
Discuss how WGs 1&2 can be realised. Specifically…..

- Capture ideas about the major scientific and practical issues that need to be considered during the WG programmes
- Discuss likely outputs
- Consider if STSM, WS and oher mechanisms are adequate
- identify interested participants for elements within the WGs (including leading, participating in core working groups, proposing and hosting scientific missions)
- Outline action plans for the WGs in order to meet milestones

KEY ACTIVITIES: T1.1, 2.1. Months 1-24

Assess current capacities for pan-European raptor biomonitoring (assessment of exposure trends and, where feasible, effects) for 4-6 prioritised contaminants

Candidate contaminants (to be discussed tomorrow) could include:



- PCBs, FRs and PFs
- Toxic metals (Hg, Pb)
- PPPs-neonicotinoids
- Biocides (SGARs)
- Parasiticides, NSAIDs and livestock antibiotics

KEY ACTIVITIES: T1.1, 2.1. (Months 1-24)

Assess current capacities for pan-European raptor biomonitoring (assessment of exposure trends and, where feasible, effects) for 4-6 prioritised contaminants

M1.2, 2.2 10 STSMs 1 & 2: Assessment, based on published data, of ability to conduct pan-European assessment for: (1) priority contaminants (**STSM1** WG1) and (2) PPPs, biocides/medicinal products (**STSM2**, WG2).

Deliverables: Peer-reviewed papers on current capacities

Workshop: [Mstone 1.3, 2.3 15 M/WS2]: Reviewing and building on output from STSMs 1 & 2, developing concept for pan-European assessment of priority contaminants (WG1) and PPPs, biocide, medicinal products (WG2)

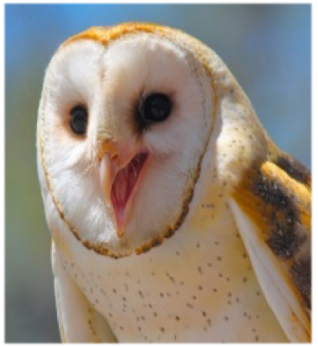
KEY ACTIVITIES: T1.1, 2.1. (Months 1-24)

- Exemplar of what work could entail (exemplar by Igor Eulaers)
- *Identification of candidate substances for WP1&2*
- *STSMs….number?*
- *Other delivery vehicles…[student dissertations/PhDs/Masters/other*
- *Workshops-need to rephrase?*
- *Identify those interested in leading/hosting and next steps (not proscriptive)*

Add notes here

- Add different dissemination outputs
- Get priorities straight on how to prioritise
- Pb: different legacy among countries
- Cd/Cr/As: parallel to human health concern issue
- PCBs/OCPs/BFRs: school book example because of a lot of data
- Pesticides: information on expected exposure and toxicity (transpose and verify with raptors), and have a focus on PBT

KEY ACTIVITIES: T1.2, 2.2. Months 18-36



Develop framework for European Raptor Biomonitoring Scheme (ERBioMS) using priority species and matrices

- Identify appropriate species (and read across methods for species within trophic guilds)
- Identify sample matrices based on Espin et al 2016
- Identify scientific methodology
- Relate to WG3 and WG4 (logistics)

KEY ACTIVITIES: T1.2, 2.2. Months 18-36

Develop framework for European Raptor Biomonitoring Scheme (ERBioMS) using priority species and matrices

M1.4, 2.4 M18 STSMs 3 & 4: Developing technical specs for ERBioMS, for assessment of (1) priority contaminants (WG1), (2) PPPs etc (WG2).

M1.5, 2.5 M21 M/WS3: Reviewing and building on output from STSMs 3 & 4, refining technical specs for ERBioMS, for assessment of (1) priority contaminants (WG1) and (2) PPPs, biocides and medicinal products (WG2)

Deliverable: D1.2, 2.2 M36 Technical specs and peer-reviewed papers detailing the ERBioMS framework and read-across techniques

KEY ACTIVITIES: T1.2, 2.2. Months 18-36

Develop framework for European Raptor Biomonitoring Scheme (ERBioMS) using priority species and matrices

- Ways to approach the issue (Nico give examples)
- Linkage to WP3&4
- Nature of outputs (science issues, practical issues)
- STSMs appropriate
- Need two/three workshops not just one?
- Volunteers to lead
- Next steps

Add notes here

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KEY ACTIVITIES: T1.3, 2.3. Months 12-48

Deliver a network of collaborating laboratories capable of delivering pan-European surveillance and monitoring

- Develop an agreed list of priority compounds/compound groups
- Assess potential for monitoring using species and matrices selected by task
- Establish the scope of activities that could be undertaken and timeliness, quality control and potential for sample exchange between laboratories and collections

KEY ACTIVITIES: T1.3, 2.3. Months 12-48

Deliver a network of collaborating laboratories capable of delivering pan-European surveillance and monitoring

M1.6, 2.6 30 M/WS4: Development of network of collaborating labs for integrated monitoring and reporting (both WGs).

D1.3, 2.3 M42 Report on network of collaborating labs for raptor biomonitoring.

- Which laboratories can participate/lead
- Current pollutants/species/matrices that participating laboratories work on
- Identification of key issues and next steps
- Workshop sufficient with prep?

KEY ACTIVITIES: T1.3, 2.3. Months 12-48

Deliver a network of collaborating laboratories capable of delivering pan-European surveillance and monitoring

- Which laboratories can participate/lead
- Current pollutants/species/matrices that participating laboratories work on
- Workshop sufficient with prep?
- Identification of key issues and next steps

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KEY ACTIVITIES: T1.4, 2.4. Months 36-42

Carry out pilot joint assessments and reporting for proof of concept

- Post-mortem collation of data including visceral gout
- Poisoning network
- Key chemical monitoring
- Relate to WG3 and WG4 (logistics)

KEY ACTIVITIES: T1.4, 2.4. Months 36-42

Carry out pilot joint assessments and reporting for proof of concept

M1.8, 2.8 42 M/WS5: Development, with ECHA and EFSA, of proof of concept, reporting frameworks.

D1.4, 2.4 42M. Pilot reports, proof of concept and guidance for integration of findings into risk assessments

- Exemplar of live bird monitoring from Norway (IE-5 mins)
- Visceral gout and wider health indices status (RFS-5 mins)
- Poisoning network
- Candidate chemicals (will link to previous item)
- **Regulatory interactions-key for workshop but how to achieve early engagement (need workshop earlier?/STSM?)**
- Identification of interested participants/leaders
- Key issues and next steps

KEY ACTIVITIES: T1.4, 2.4. Months 36-42

Carry out pilot joint assessments and reporting for proof of concept

- Exemplar of live bird monitoring from Norway (IE-5 mins)
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KEY ACTIVITIES: T1.5, 2.5. Months 30-48

Deliver training and guidance in pan-European surveillance and monitoring using raptors

- Refine technical specs for ERBioMS, for assessment of priority contaminants, PPPs etc

- Training School: Contaminant monitoring with raptors

- Development, with key stakeholders, proof of concept reporting frameworks

KEY ACTIVITIES: T1.5, 2.5. Months 30-48

Deliver training and guidance in pan-European surveillance and monitoring using raptors

- M1.7, 2.7 M33 Training School: Contaminant monitoring with raptors (WGs 1 & 2)

- Initial capture of key elements people need training in
- Identify participants/leaders
- Identify key issues and next steps

KEY ACTIVITIES: T1.5, 2.5. Months 30-48

Deliver training and guidance in pan-European surveillance and monitoring using raptors

- Initial capture of key elements people need training in
- Identify participants/leaders
- Identify key issues and next steps

Add notes here

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- Xxxxx

CAPTURE OF ANY OTHER ISSUES

Add notes here

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- xxxx
- Xxxxx