

ERBFacility

EUROPEAN RAPTOR BIOMONITORING FACILITY

COST ACTION 16224

PROOF OF CONCEPT DEVELOPMENT
& FUTURE FUNDING WORKSHOP, STIRLING, APRIL 2019

Role and vision of WG4

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BTO
Looking out for birds



Structure for collecting the right samples and supporting data from the right species and areas for the agreed objectives

Guidance on how to collect the best samples and supporting data (on the sampled individual and the population from which it comes)

Solutions to constraints that prevent people from collecting samples and supporting data across Europe (such as licensing issues)

Guidance on how to persuade more people to collect samples and supporting data and how to train them

Proof of concept to show that the sampling programme can work for one or more case study group of contaminants

Training school and ambassador network to promote the guidance that is developed and involvement in ERBF to a wider group of people across Europe

ERBF WG4 mission

WG4 Field Arena - Tasks



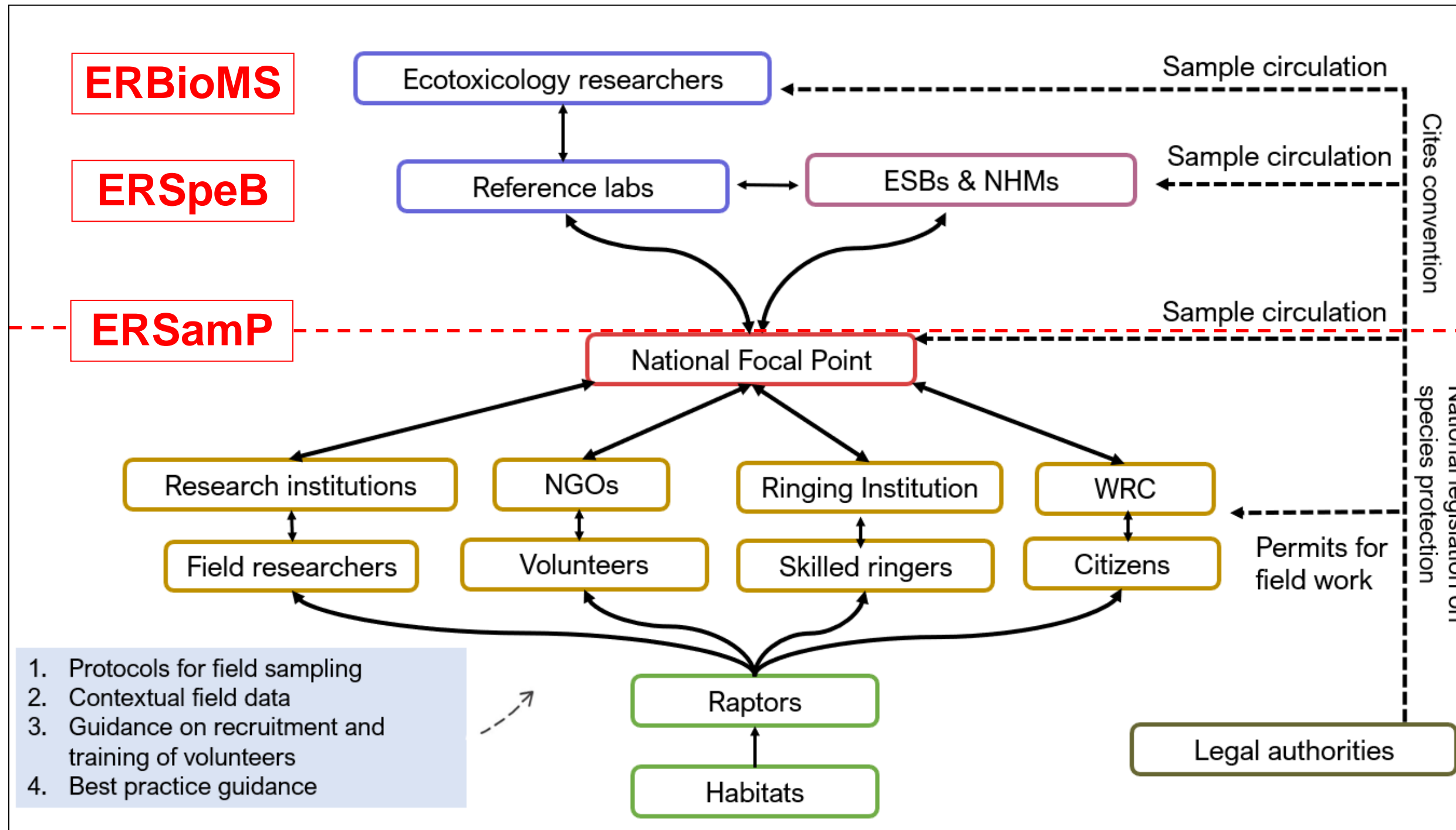
T4.1 Develop framework for European Raptor Sampling Framework (ERSampP) (a) focal species & sample matrices (b) existing sampling coverage and gaps (c) opportunities to fill gaps (d) contextual data for interpretation of contaminant exposure	Grant Period 1-2 First draft by April 2019
T4.2 Review key constraints (legislative/practical) to activities (e.g. nest visits, transfer of samples between countries) for sampling and contextual data; identify how to resolve constraints	Grant Period 1-3 Mission by April 2019
T4.3 Develop best practice guidance and protocols for raptor sampling and contextual data capture; trial with one or more case study species from several European countries; review and amend as appropriate; disseminate guidance and protocols	Grant Period 2-3 Mission by April 2019 Vulture Task Group 2 Missions in 2019
T4.4 Expand stakeholder involvement in raptor sampling and contextual field data gathering - assessing potential; identifying ways to involve more professional and amateur ornithologists in raptor biomonitoring (working with NGOs and raptor ecologists in the network); developing guidance on recruitment and training	Grant period 3-4 Mission in 2019 Workshop in 2019 Training school
T4.5 Deliver proof of concept involving, for a case study focal species (or group of species), applying the framework, guidance and protocols to collect new raptor samples and contextual field data through existing and/or novel networks	Grant period 3-4 Workshop in 2019 Funding discussions Missions

European Raptor Sampling Programme (ERSamP)



- **Vision and overall objectives** of the Sampling Programme
 - Focal **contaminant types, sample types, traits/species** and **geographical areas** (sample sizes)
 - Generic **best practice guidance – sampling protocols** – Espin *et al.* EURAPMON – enhanced
 - Generic **best practice guidance** – collection of **contextual data**
 - data relevant to individual sample (e.g. date, time, species, age, sex, location etc – essential)
 - data relevant to individual bird (e.g. breeding success, movements)
 - data relevant to population (e.g. population trends, timing of breeding productivity, survival, movements) e.g. Hardey *et al.* *Raptors – a Field Guide to Survey and Monitoring*
 - environmental data – (e.g. known contaminant sources; local land use)
 - **Project- and species-specific best practice guidance** (e.g. falcons; vultures)
 - **People and institutions** available to collect samples and contextual data in the field
 - Generic **best practice guidance on how to engage / motivate / train field participants** by actor group
 - **Project-specific guidance for involving people in the field** e.g. for proof of concept studies
 - Consideration of logistics e.g. **national ambassadors / coordinators / focal points**
- “**The collection of the right samples from the right locations at the right times**”
 - Standards and protocols to ensure harmonised sampling methods and recording of contextual data

European Raptor Sampling Programme (ERSamP)

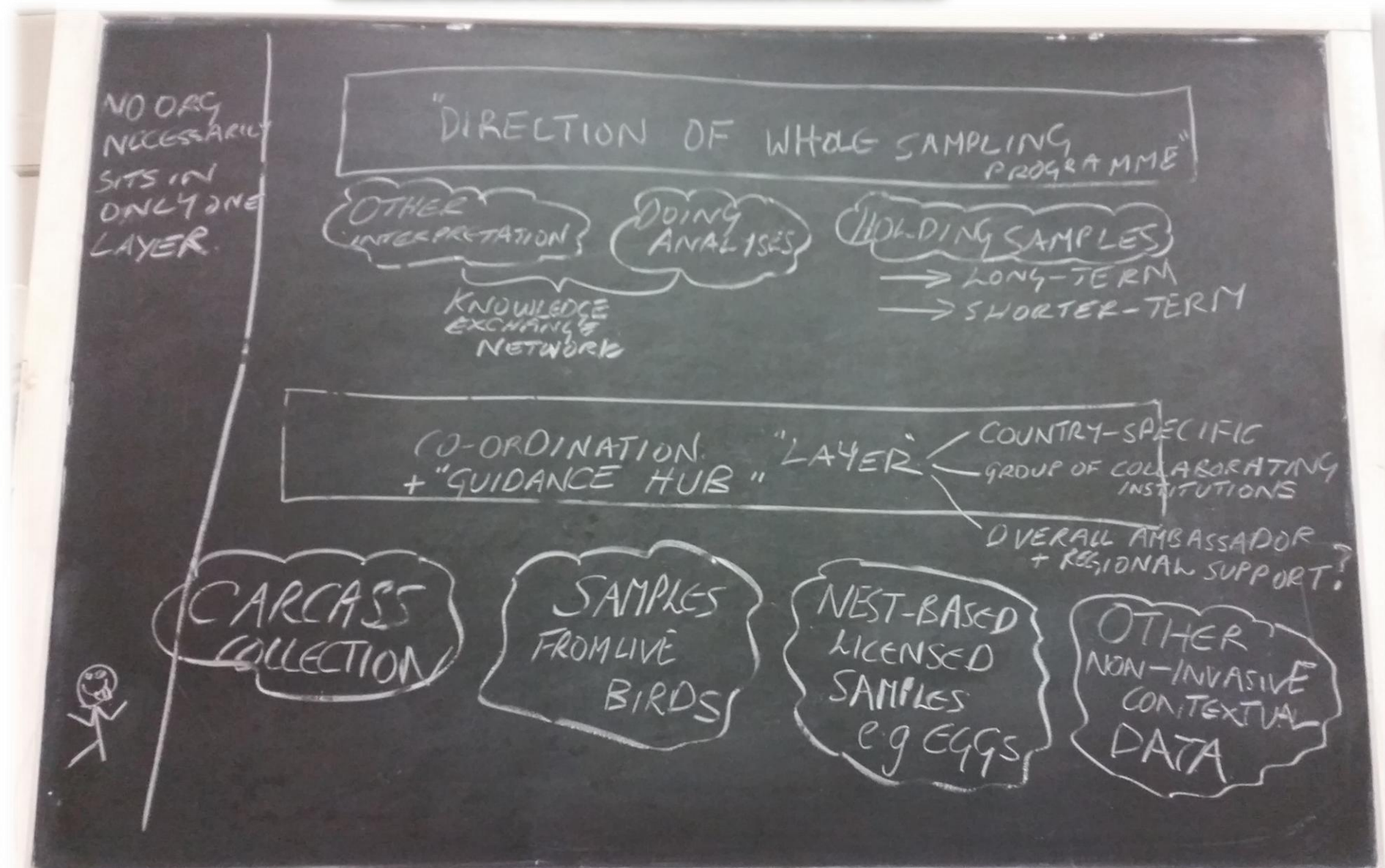


➤ The collection of the right samples from the right locations at the right times

➤ Standards and protocols to ensure harmonised sampling methods and recording of contextual data



The suggested version of the European Raptor Sampling Programme (ERSamP) structure from the ERBF Florence WG4 Workshop in March 2019



The structure is now based on functions rather than specific actor groups and organisations

European Raptor Biomonitoring Facility

