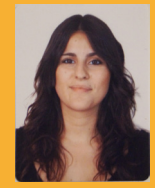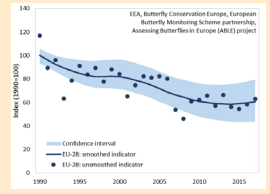# Consolidating butterfly monitoring with citizen science in Europe:
Lessons learnt from the Assessing ButterfLies in Europe (ABLE) project

Cristina G. Sevilleja, Nigel Bourn, Sue Collins, Josef Settele, Chris van Swaay, Irma Wynhoff, Martin Warren & David B. Roy
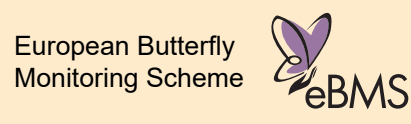
Task 1: Data analysis

- Produce butterfly indicators
- Shared with policy makers
- Data from volunteers used for protecting butterflies

EEA, Butterfly Conservation Europe, European Butterfly Monitoring Scheme partnership, Assessing Butterflies in Europe (ABLE) project

Confidence interval
EU-28: smoothed indicator
EU-28: unsmoothed indicator

Task 2: Develop the monitoring network

- Capacity building: European to local Coordination
- Demonstrate the value of monitoring to authorities (funds)
- Understand diversity of countries to set up the BMS

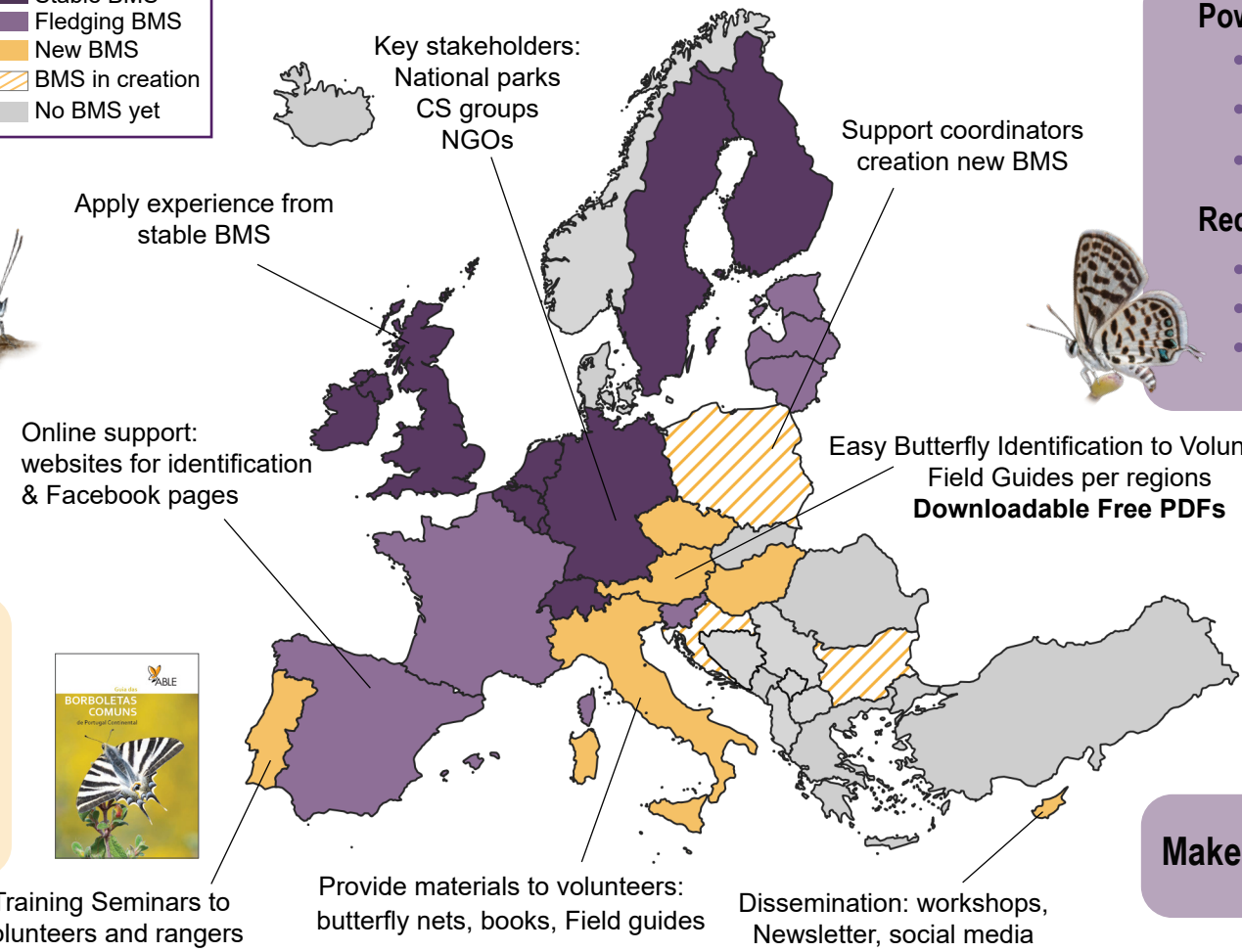## Task 3: Unified database & Technological tools

- Mobile Application: collecting data easily
- Website: coordination, community, verification system

Butterfly Count App

European Butterfly Monitoring Scheme
eBMS

Citizen Science at the heart of ABLE: actions done

- Stable BMS
- Fledging BMS
- New BMS
- BMS in creation
- No BMS yet

Key stakeholders:
National parks
CS groups
NGOs

Support coordinators creation new BMS

Apply experience from stable BMS

Online support:
websites for identification
& Facebook pages

Easy Butterfly Identification to Volunteers:
Field Guides per regions
Downloadable Free PDFs

Training Seminars to volunteers and rangers

Provide materials to volunteers:
butterfly nets, books, Field guides

Dissemination: workshops, Newsletter, social media

Guia das BORBOLETAS COMUNS de Portugal Continental

Powerful Network:

- Massive data
- Support biodiversity protection
- Citizens collaboration

Requirements:

- Collaboration
- Support
- Sharing results

Make your observations count!

Butterfly CONSERVATION EUROPE

UK CEH

Butterfly Conservation

UFZ

De Vlinderstichting

European Commission environment

Website: www.butterfly-monitoring.net

ButterflyCount App: iOs & Android

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