Natura Alert: Monitoring biodiversity threats using citizen science

CHALLENGE
Over 13,000 Important Bird and Biodiversity Areas (IBAs) Lack of monitoring data on the condition of the sites.

KEY OBJECTIVES
• Improve the monitoring of IBAs, Natura 2000 sites and KBAs and reduce their degradation.
• Engage citizens in habitat monitoring and threat identification (User profiles: Environmental volunteer, IBA caretaker and IBA national coordinator).
• Collect location of threats to biodiversity and habitat changes using Natura Alert app and produce regional/national assessments on the conservation status of the IBA network.

Demo case: SPAIN
Objective: Identify threats to birds and habitats within IBAs (469 sites) and Natura 2000 sites (2324 sites).

Demo case: INDONESIA
Objective: Validate alerts from satellite-image analysis for forest change on Mbeliling Landscape (5 KBAs), Flores island.

CONCLUSIONS
• Consultations → time consuming but better uptake & sustainability
• Positive feedback from users → improved data workflow

• Exploiting synergies with existing projects → positive results
• Good agreement between remote sensing alerts and field work validations.