

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.

LandSense

17 Partner Institutions

9 Countries

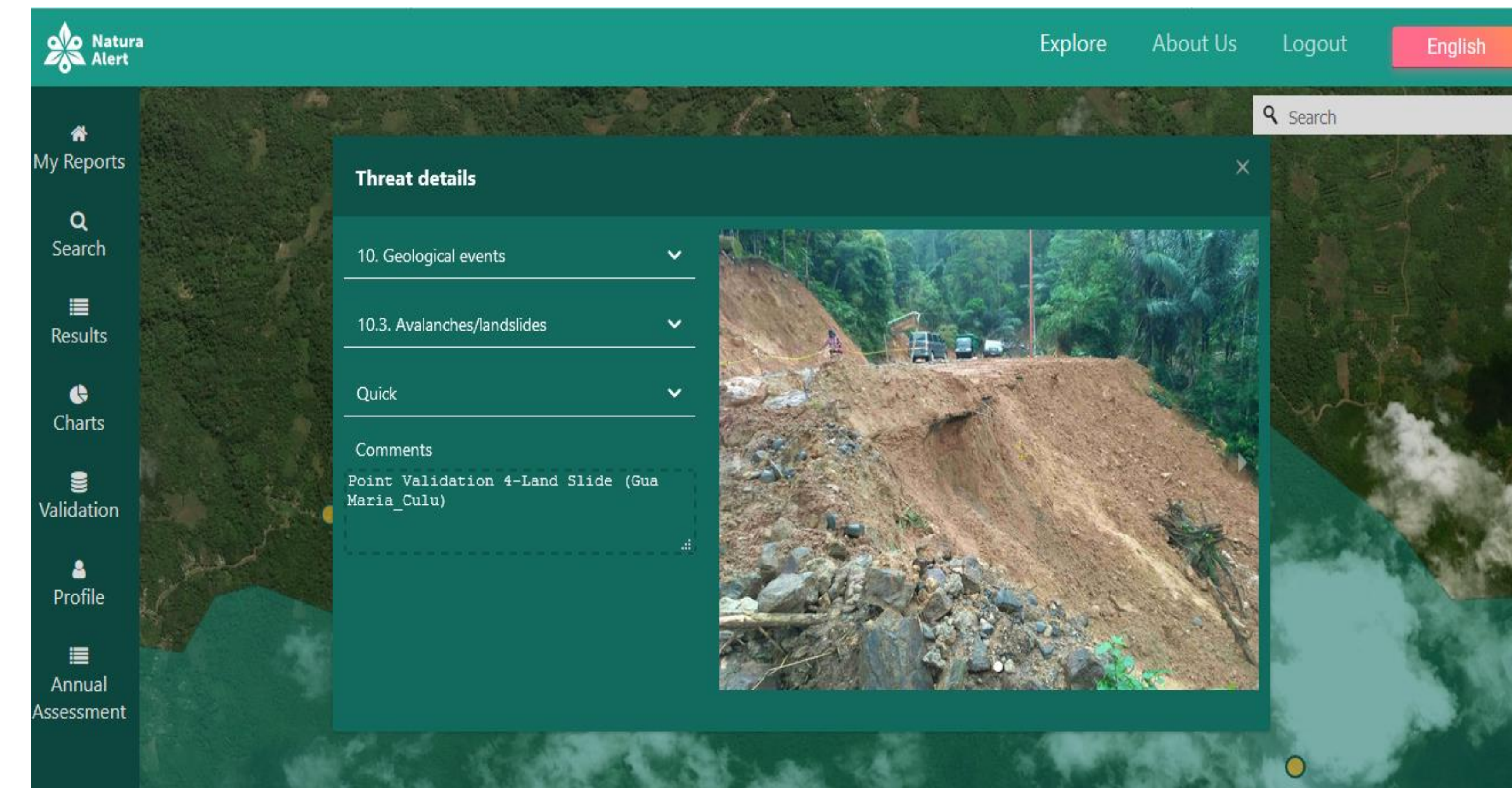
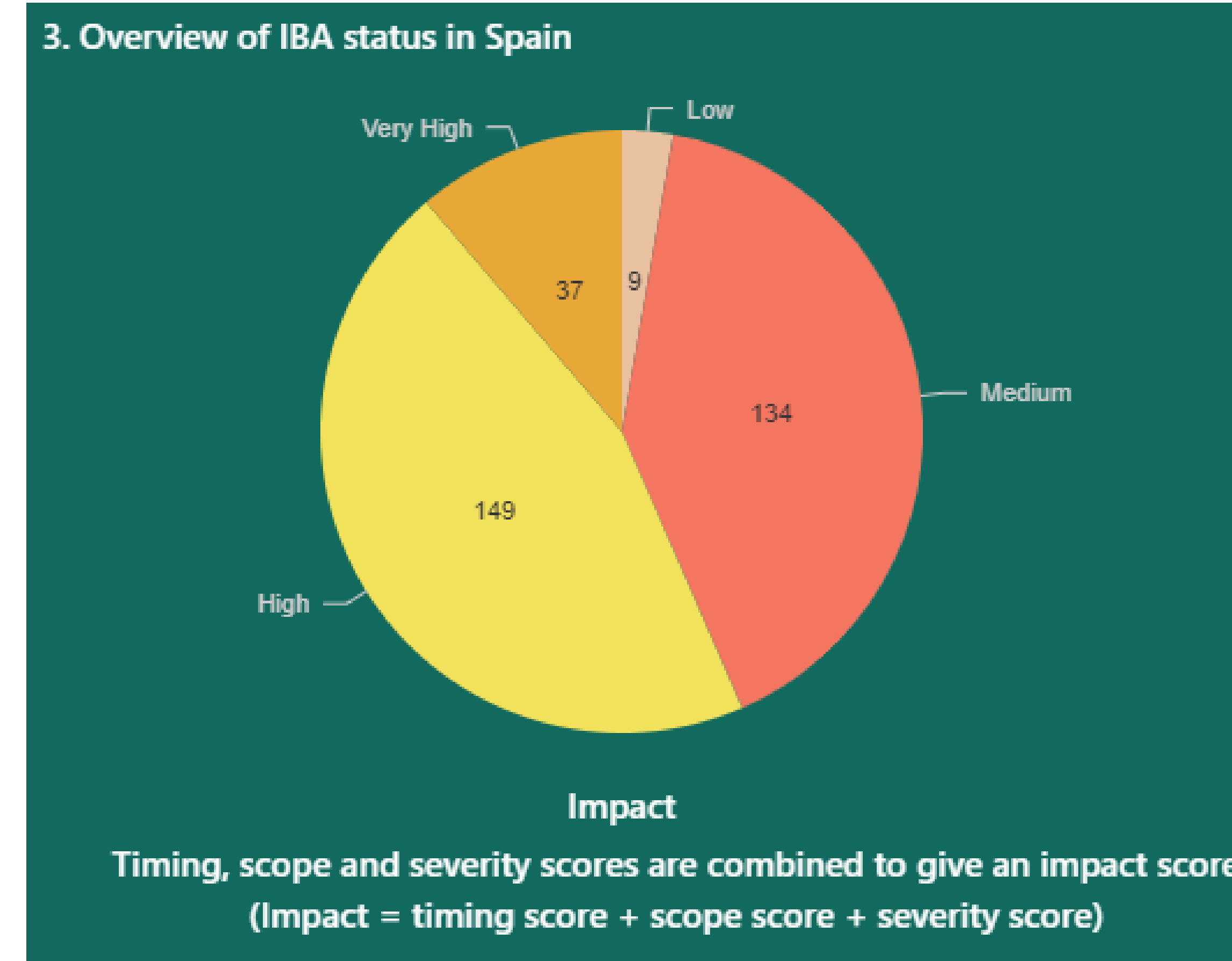
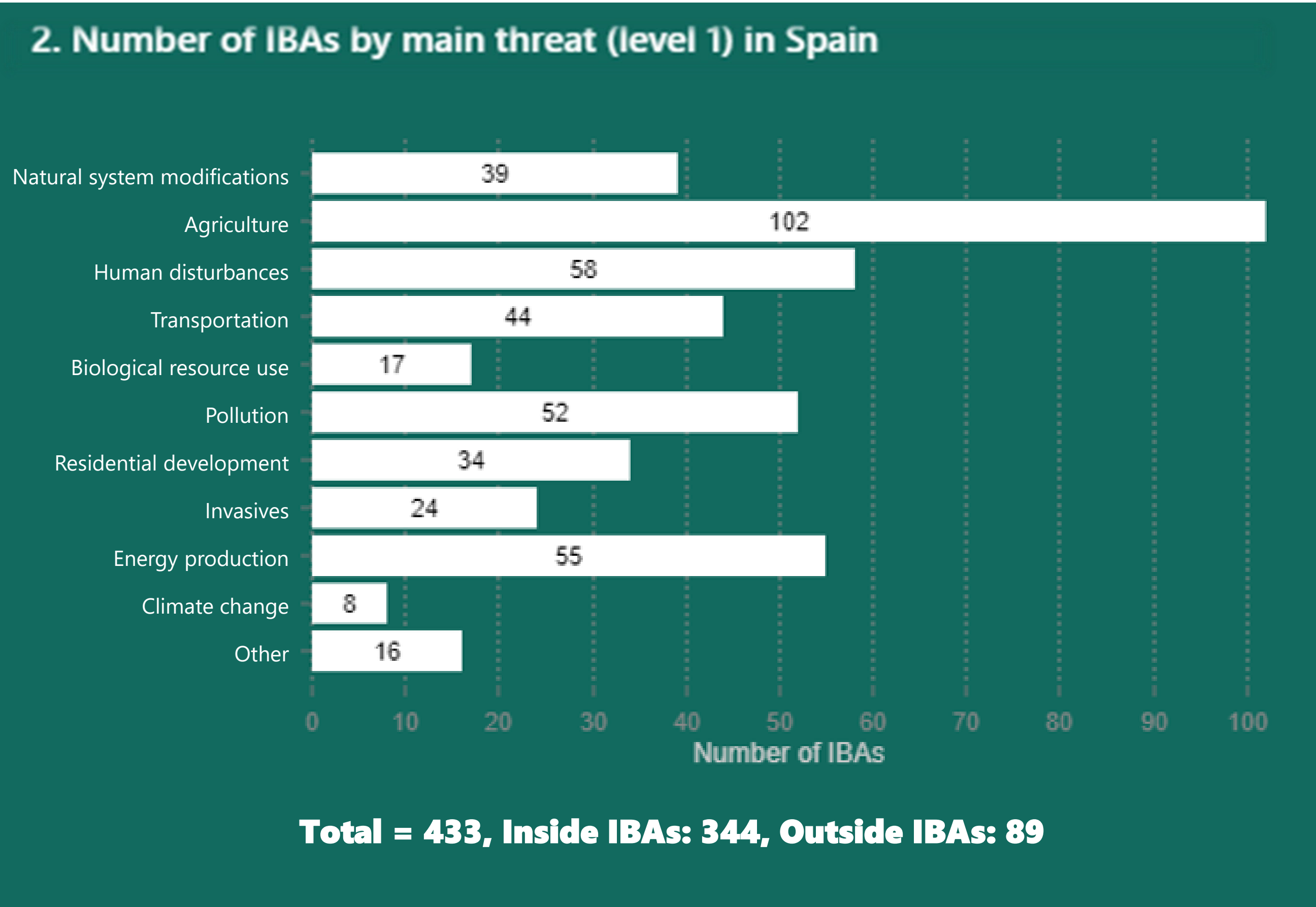
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CONCLUSIONS

- 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.