

Species recognition



Ecosystem quality
by species id



Biodiversity
Complexity
Richness



Ecosystem quality
by indices

Biophony



Anthropophony
Technophony



Noise pollution / Alerting



Geophony

Streams, rain, wind



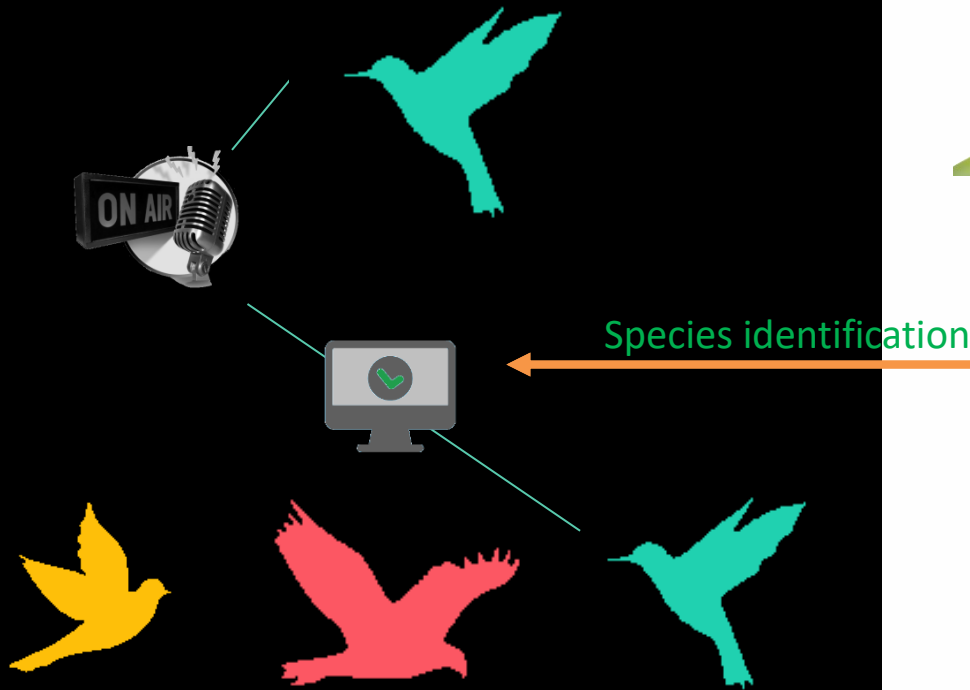
Soundscape



Acoustic
environment

BIOACUSTICS

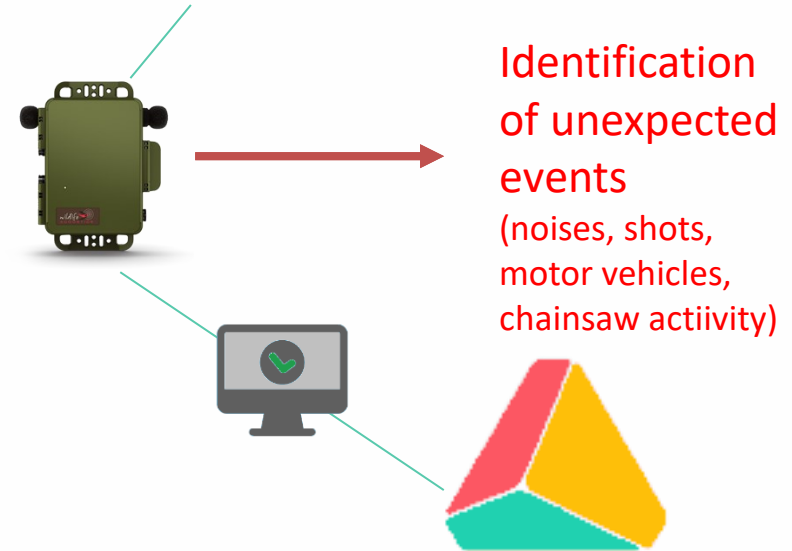
Analytic approach
at species level



Species behaviour and identification
(manual and/or automatic)
Identification of alien and invasive species

ECOACUSTICS

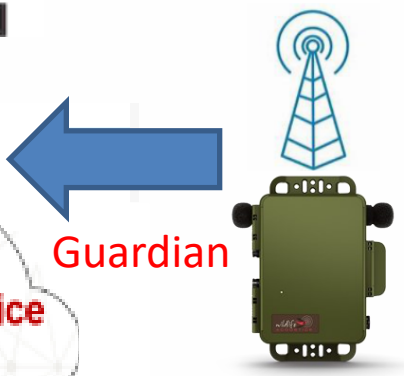
Global description approach



Monitoring ecosystem quality by sound diversity and richness, monitoring anthropic noise and impacts



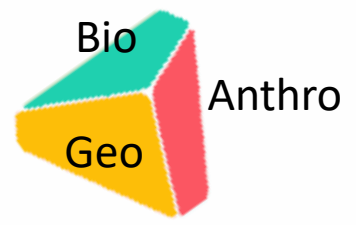
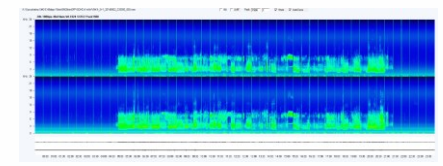
ECOACUSTICS



EDGE



Global approach



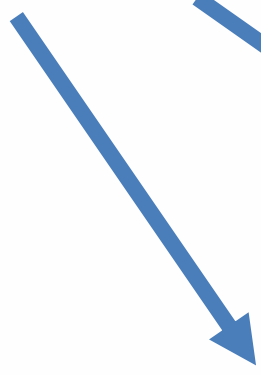
Evaluation of biodiversity and richness >> habitat quality



Sound Event Recognition



Acoustic Events ID
Surveillance
Shots - Vehicles



Species ID

