

Nature-based solutions and One Health



Nature-based solutions help Europe adapt to climate change. LILY works to maximise their health benefits, minimise unintended harms and stop them from widening inequality.

Nature-based solutions take many forms



Urban green spaces



Ecosystem restoration



Green infrastructure



Sustainable water management



Nature-friendly farming



Coastal and marine protection

One Health: one connected system

Every NbS touches all three



People

Physical and mental wellbeing
Social cohesion
Access to nature
Equity and inclusion



Animals

Health and welfare
Habitats and food
Human-animal interactions
Disease prevention



Environment

Biodiversity
Ecosystem services
Soil, water and air quality
Climate regulation

+ Potential co-benefits



Better physical and mental health



Stronger social cohesion



Cooler cities, climate adaptation



Biodiversity conservation



Cleaner air, water and soil

- Possible unintended harms



Spread of vector-borne diseases



Allergens and air quality impacts



Human-wildlife conflicts



Green gentrification and exclusion



Changes in water availability or quality

What LILY is building



A shared NbS-Health framework

Co-benefits, harms and the pathways between them



Data and methods

Novel datastreams, from sensors to citizen science



Indicator guidelines

Built around vulnerability and inequality



Network and platform

Linking scientists, implementers and communities