

One Health indicators for nature-based solutions



When we build with nature, health changes for people, animals and ecosystems at the same time. These are the domains and indicators to track, so co-benefits are accounted and unintended harms are caught early..

Seven domains to monitor

+ benefit

co-benefit to track

- risk

possible harm to watch



Human

Morbidity · Mortality · Wellbeing ·
Physical activity · Mental health

+ benefit

- risk



Animal

Wildlife abundance and diversity ·
Domestic animal health · Zoonotic
disease indicators

+ benefit

- risk



Ecosystem

Biodiversity · Ecosystem integrity ·
Habitat quality · Ecological connectivity

+ benefit



Human-animal interface

Human-wildlife contact · Zoonotic
exposure pathways

- risk



Pathogens

Environmental pathogen presence and
abundance · Antimicrobial resistance
markers where appropriate

- risk



Vectors

Mosquitoes, ticks and other disease
vectors

- risk



Antimicrobial resistance

AMR genes and pathogens in relevant
environmental compartments

- risk



Read every indicator by who is exposed. Vulnerability and inequality decide who gains from an NbS and who carries its risks, so LILY designs indicators that can be split by population group and place.