Examples of Nature-based Solutions (NbS) as systemic solutions for the triple planetary crisis

The infographic demonstrates how NbS can simultaneously address climate change, biodiversity loss, and pollution while providing co-benefits such as carbon storage, ecosystem restoration, and improved human well-being. Examples like wetlands, mangroves, and urban green spaces illustrate their multifunctionality. To ensure NbS reach their full potential, strong enabling conditions including inclusive governance, policy alignment, equity, knowledge co-production, and sustainable finance – are essential for fair, effective, and scalable NbS implementation. NbS can address a wide Constructed wetlands range of societal challenges when the right enabling conditions are in place Treat & store stormwater; remove diversity loss nutrients, heavy metals, organic pollutants, pharmaceuticals **Co-benefits:** • Flood regulation Mangrove restoration 🤌 Inclusive • Habitat creation governance • Biodiversity support Coastal protection (wave Triple Carbon storage attenuation, shoreline stabilisation, storm surge buffering); Recreation carbon sequestration in biomass & sediments Policy **POLLUTION** Co-benefits: alignment • Fisheries productivity Marine biodiversity security planetary • Improved water quality **Enabling conditions** • Livelihood & cultural value for NbS to realize their full **CLIMATE Nature-based** potential in addressing Knowledge CHANGE societal challenges co-production **Solutions** & social Disaster development Sustainable finance & safeguard **BIODIVERSITY** LOSS environmental degradation Margard Green facades & walls Equity & Temperature regulation, insulation, noise rights reduction; expand vertical green space health Co-benefits: • Improved air quality Aesthetics Urban biodiversity Energy savings • Well-being