

Indicators to analyse current status quo and future trends of the WEF nexus and socio-economic factors

Water:

- What are the current levels of surface water and groundwater availability in the region, and what are the projected changes for the next 15–20 years (e.g. due to climate change, urbanization, and population growth)?
- What are the current rates of water consumption across different sectors (e.g. agriculture, industry, domestic), and what trends are projected for the next 15–20 years?
- How is water quality expected to change in the next 15–20 years, e.g. due to economic development and climate change?

Land use and food production:

- What are the current developments of land use change (e.g. urban expansion, deforestation, agricultural conversion), and what are projections for this development for the next 10–20 years?
- What are the current levels of agricultural productivity, and how may this change in the next 10–15 years, e.g. due to soil health, water availability or use of technology?
- What is the current status of soil health in agricultural areas, and how may this change in the next 10–15 years, e.g. due to agricultural practices and climate change?

Energy:

- What are the current levels of energy production and consumption, and what are the projected future trends considering factors like economic growth, or technological advancements in the next 10–15 years? What are the main energy sources (e.g., coals, oil, natural gas, renewables) in these trends?

Ecosystems:

- What are the current levels of ecosystem health, and what are the projected future trends (e.g., biodiversity, status of critical habitats), considering inter alia the influence of climate change and economic development?

Socio-Economic Drivers:

- What are the current and future demographic trends (e.g., population growth, urbanization, migration) in the region for the next 10–15 years that may impact the WEF nexus (e.g., resource use and ecosystem health)?
- What are the current and projected future economic growth rates, and how may these influence the WEF nexus?