

UN-GGIM: Europe
Work Group A « Core Data »

SDG related use cases



UN-GGIM: EUROPE

UNITED NATIONS INITIATIVE ON
**GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT**



Risk



1.5 Build the resilience of the poor and those in vulnerable situations and **reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters**

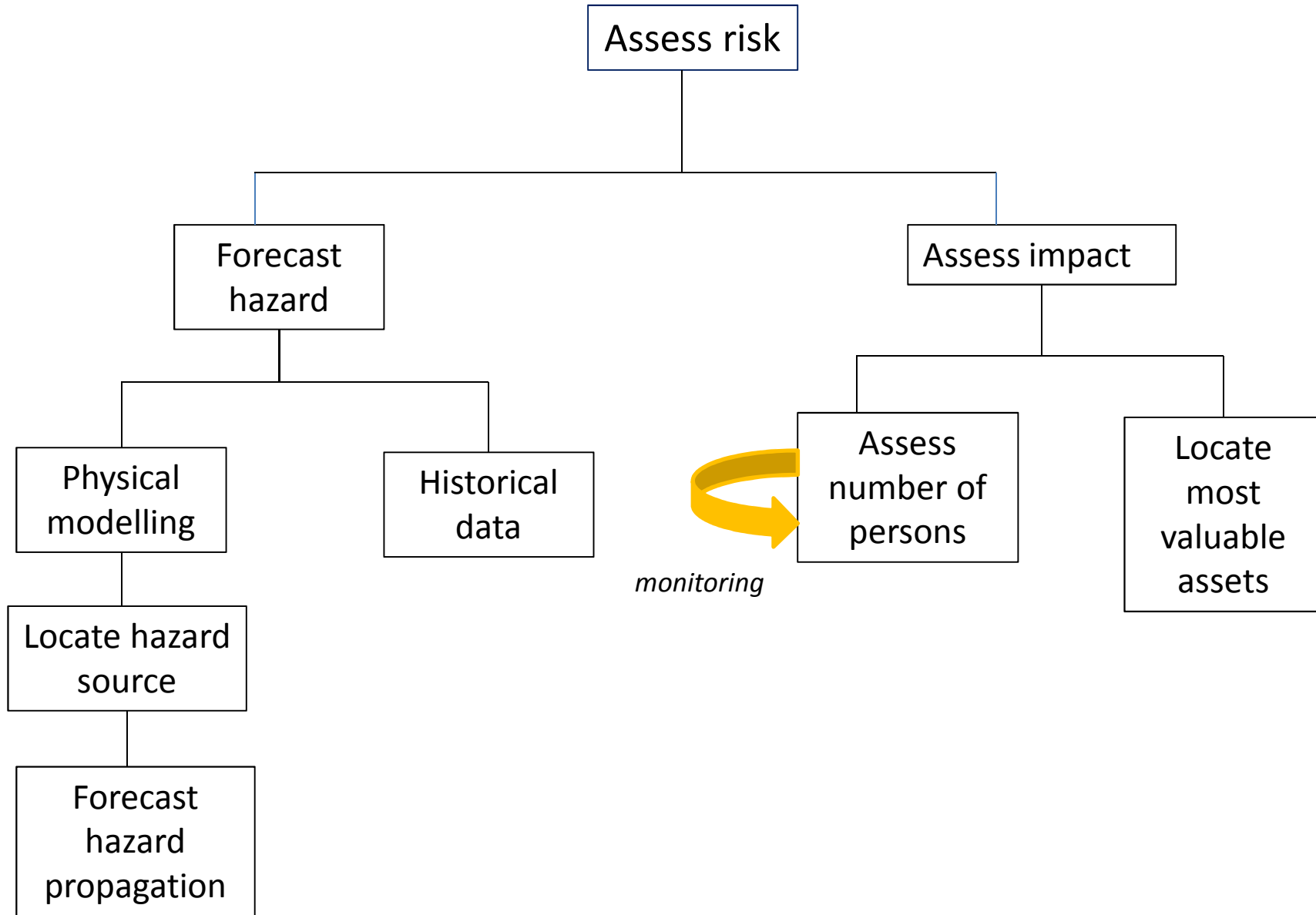


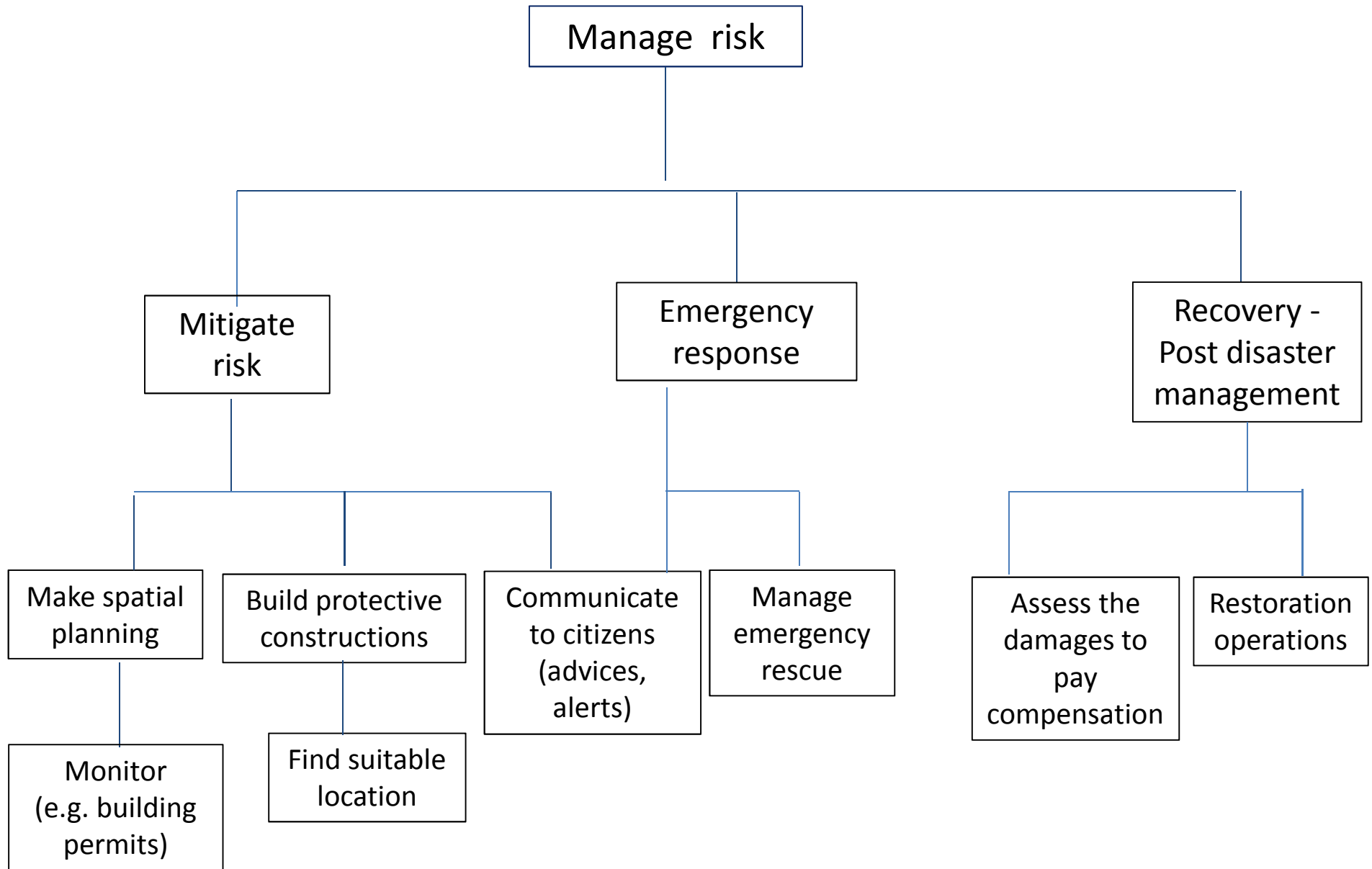
11.5 Significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross domestic product caused by **disasters**, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations

11.b substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, **mitigation and adaptation to climate change, resilience to disasters**



13.1 Strengthen resilience and adaptive capacity to **climate-related hazards and natural disasters in all countries**





Pollution



3.9 Substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination



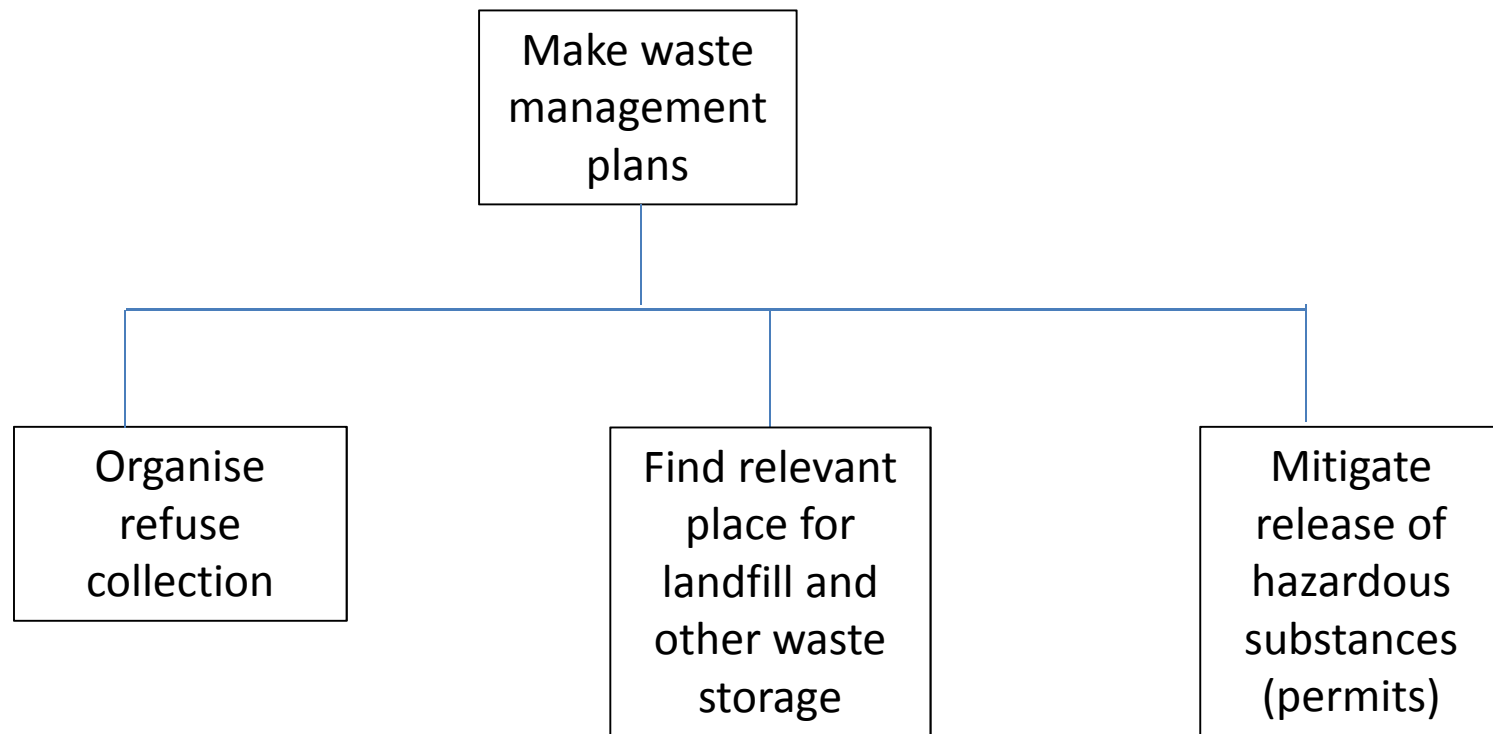
11.6 Reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management



12.4 Achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment



12.4 Achieve the **environmentally sound management of chemicals and all wastes** throughout their life cycle, in accordance with agreed international frameworks, and significantly **reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment**

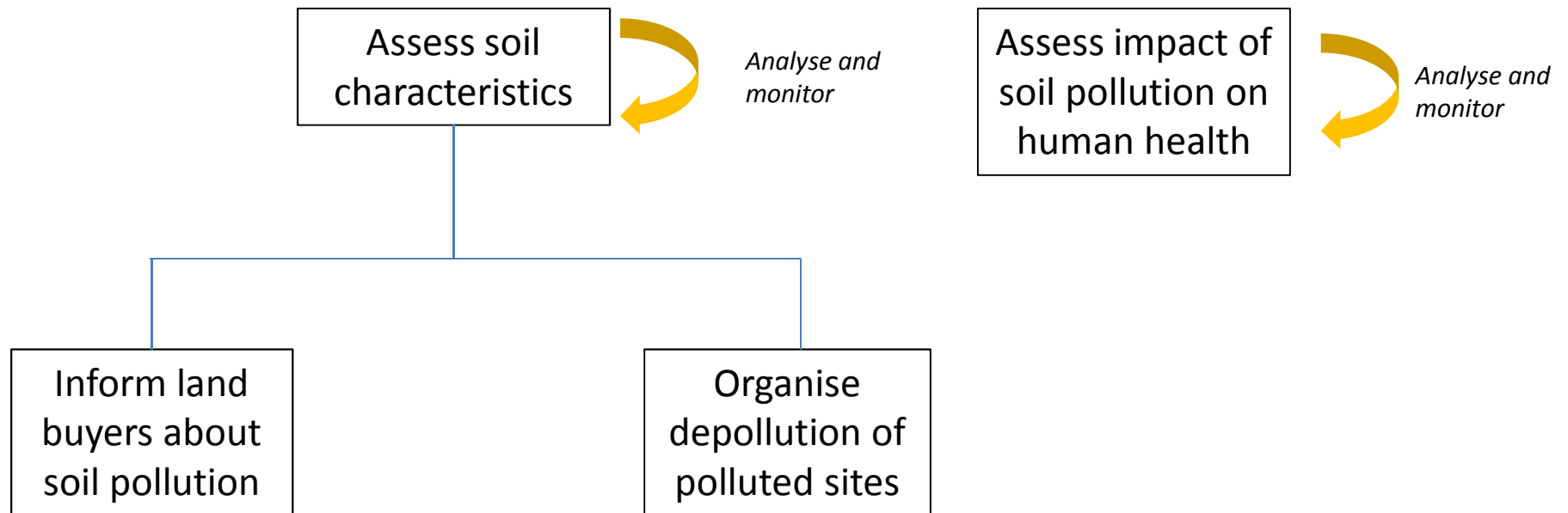




3.9 Substantially reduce the **number of deaths and illnesses** from hazardous chemicals and air, water and **soil pollution and contamination**



12.4 Achieve the environmentally sound management of chemicals and all wastes and significantly **reduce their release to air, water and soil** in order to minimize their adverse impacts on human health and the environment

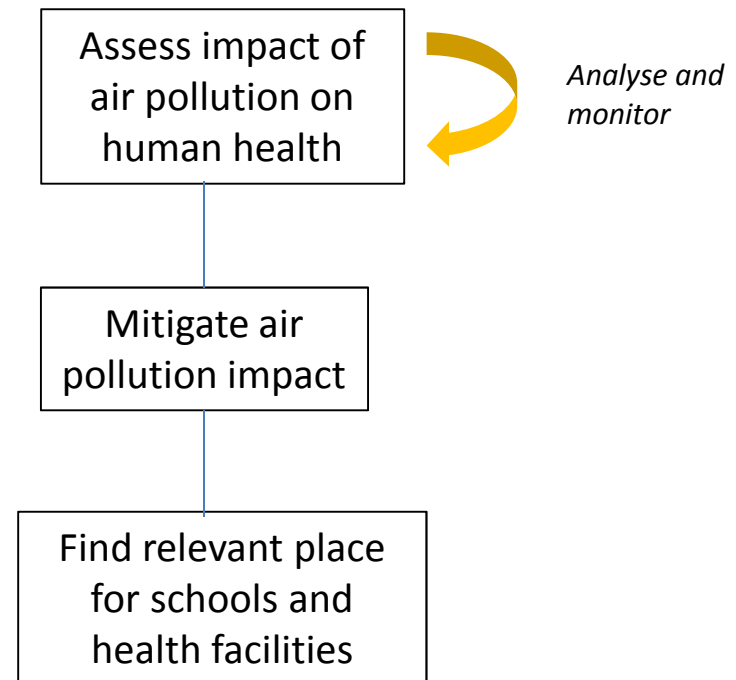
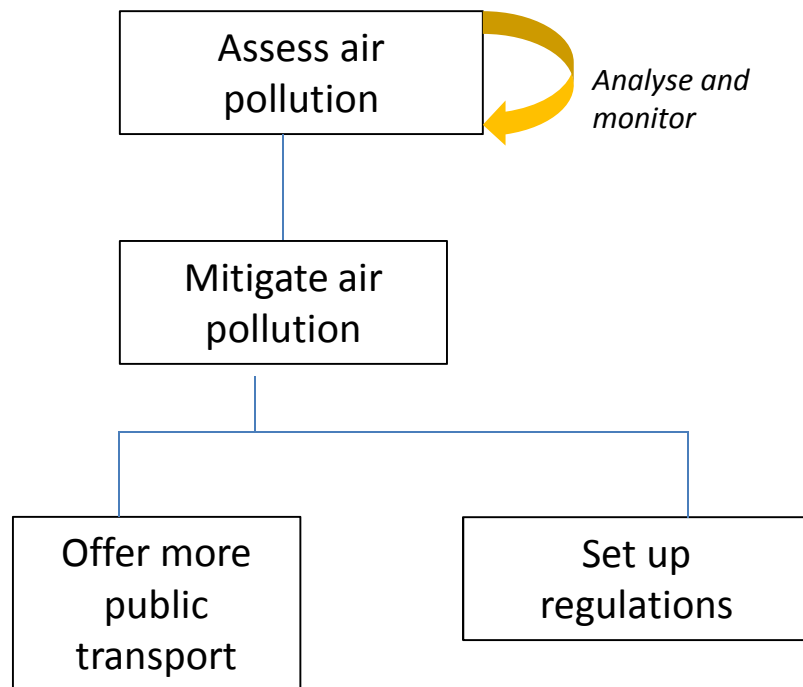




3.9 Substantially reduce the **number of deaths and illnesses** from hazardous chemicals **and air**, water and soil **pollution and contamination**

11.6 Reduce the adverse per capita environmental impact of cities, including by paying special attention to **air quality**

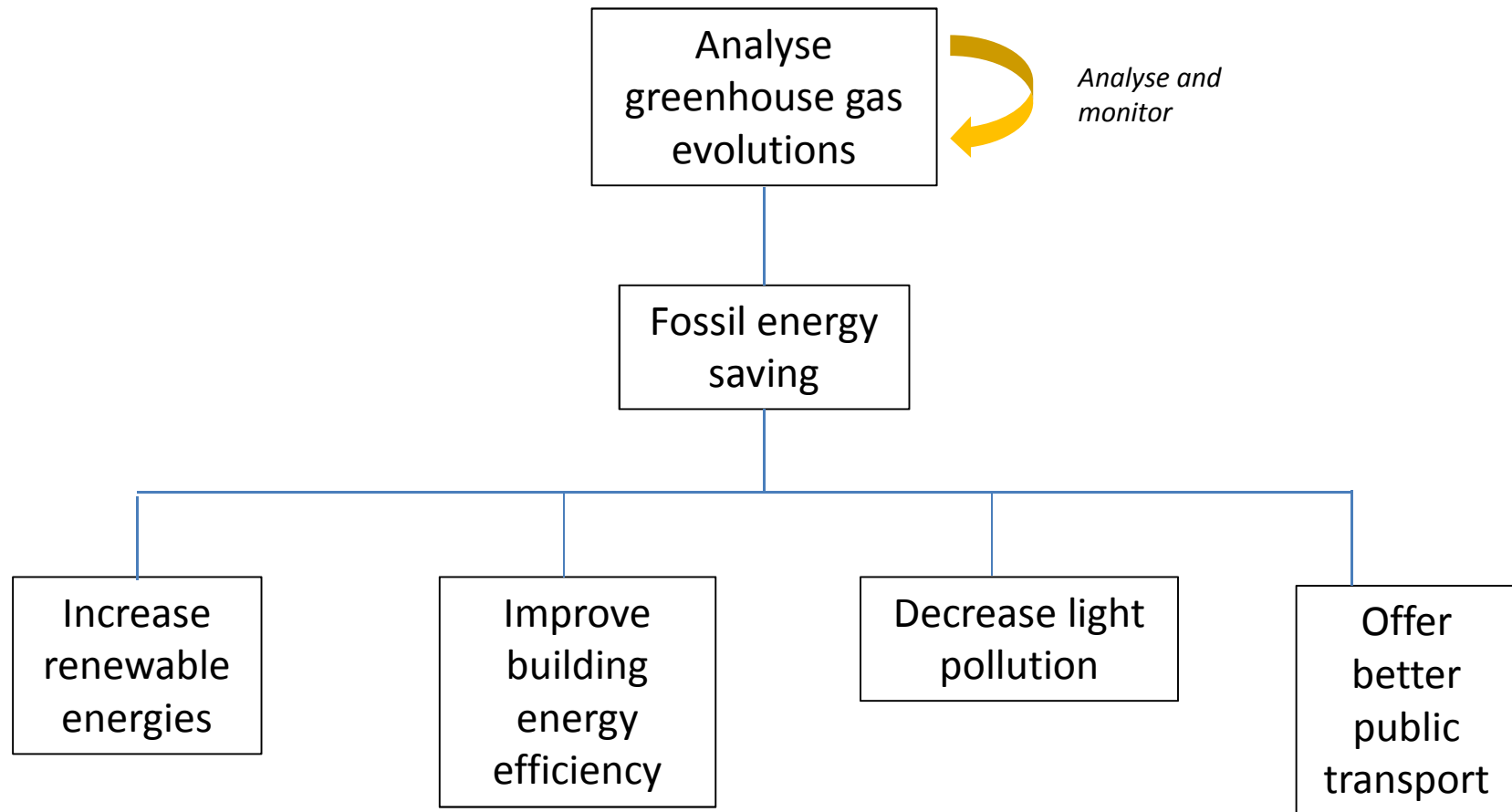
12.4 Achieve the environmentally sound management of chemicals and all wastes and significantly **reduce their release to air**, water and soil in order to minimize their adverse impacts on human health and the environment



Climate change

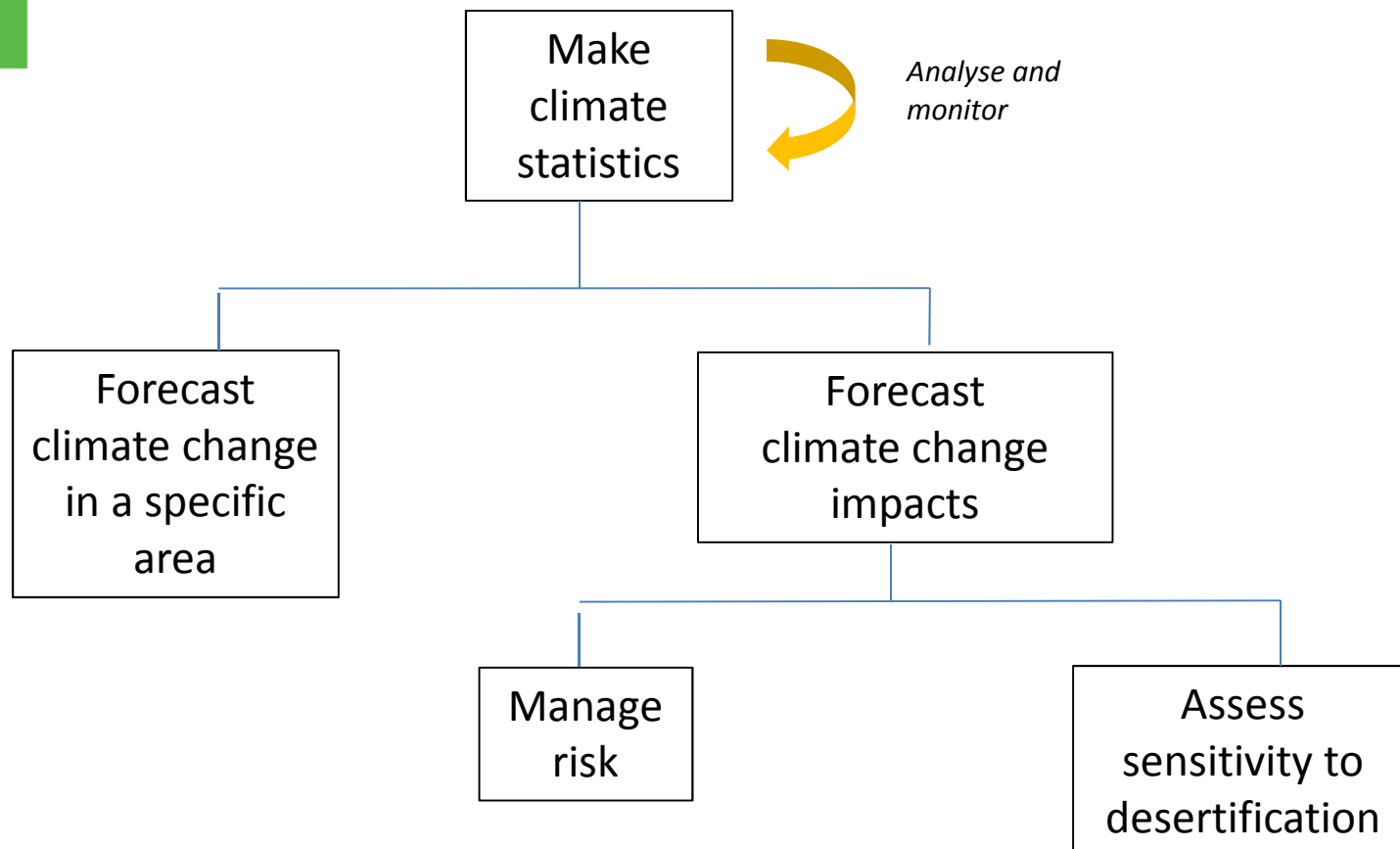


- 13.1 strengthen resilience and adaptive capacity to climate related hazards and natural disasters in all countries
- 13.2 integrate climate change measures into national policies, strategies, and planning





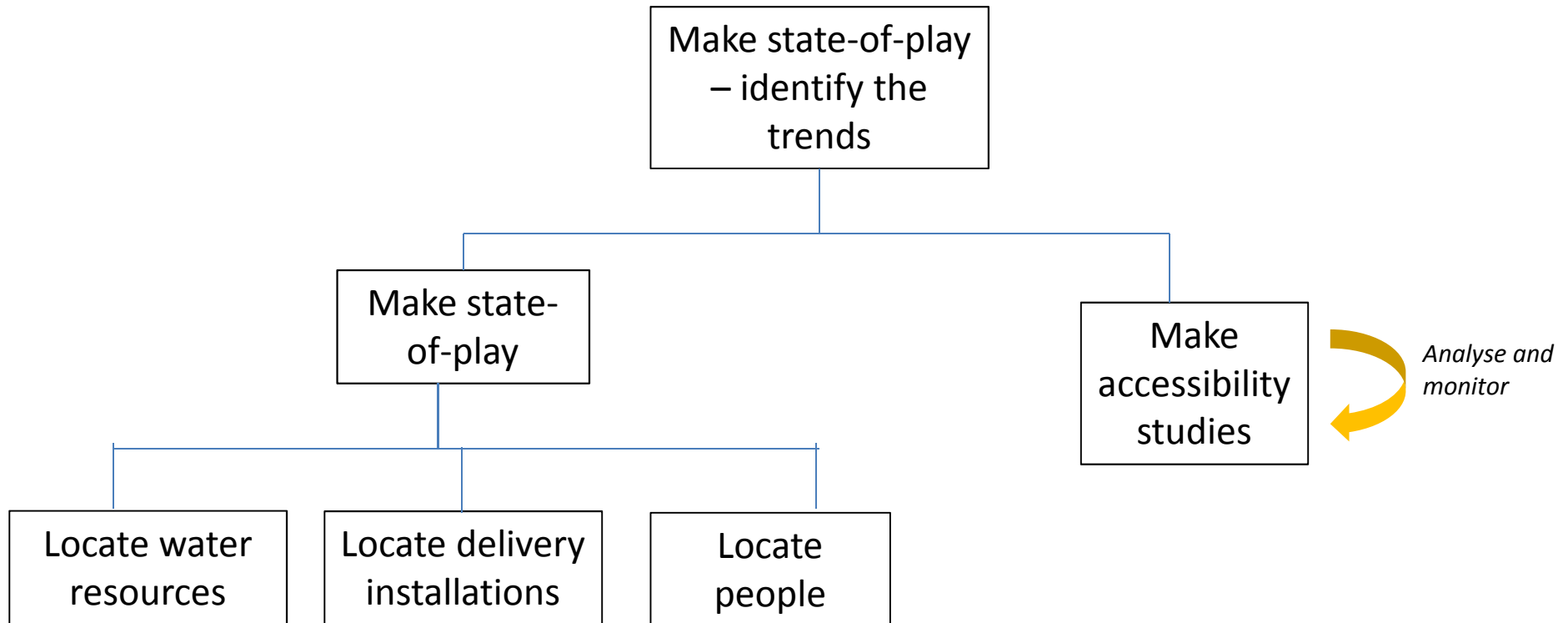
- 13.1 strengthen resilience and adaptive capacity to climate related hazards and natural disasters in all countries
- 13.2 integrate climate change measures into national policies, strategies, and planning
- 15.3 combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world



Water

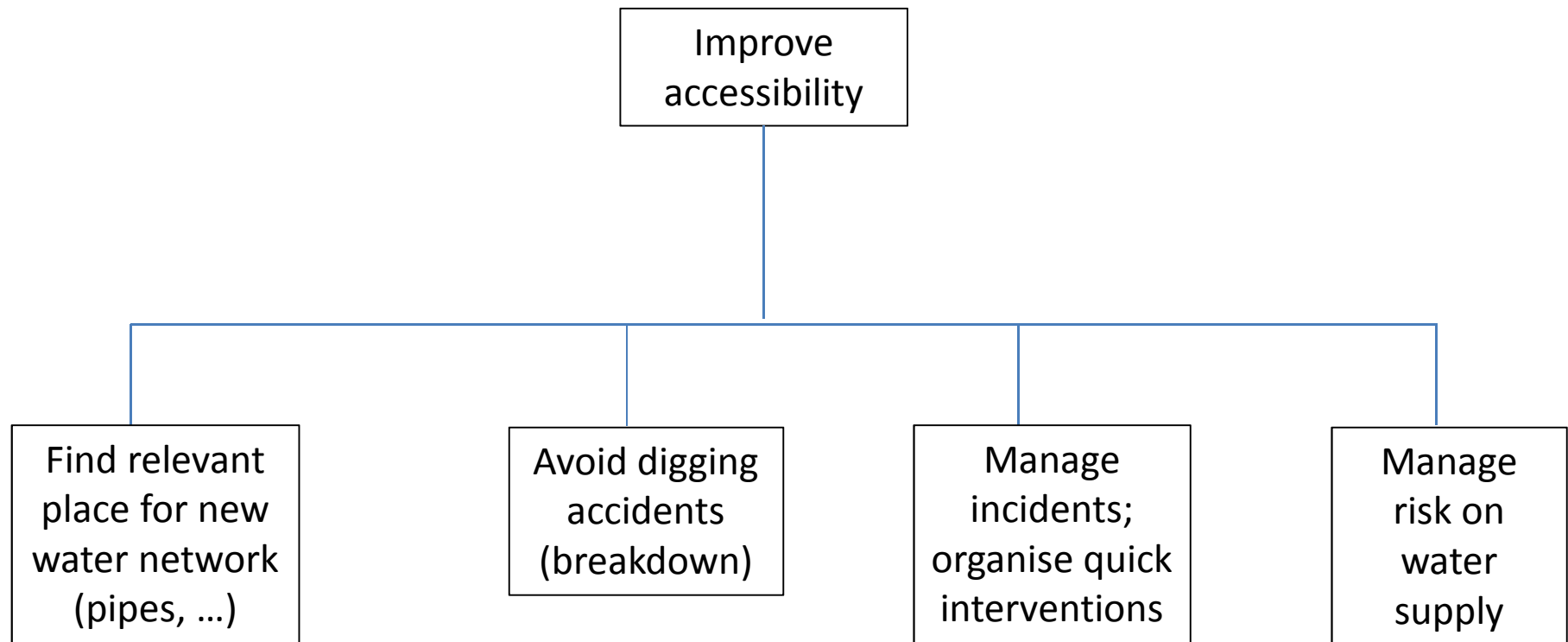


6.1 - achieve universal and equitable **access** to safe and affordable **drinking water** for all



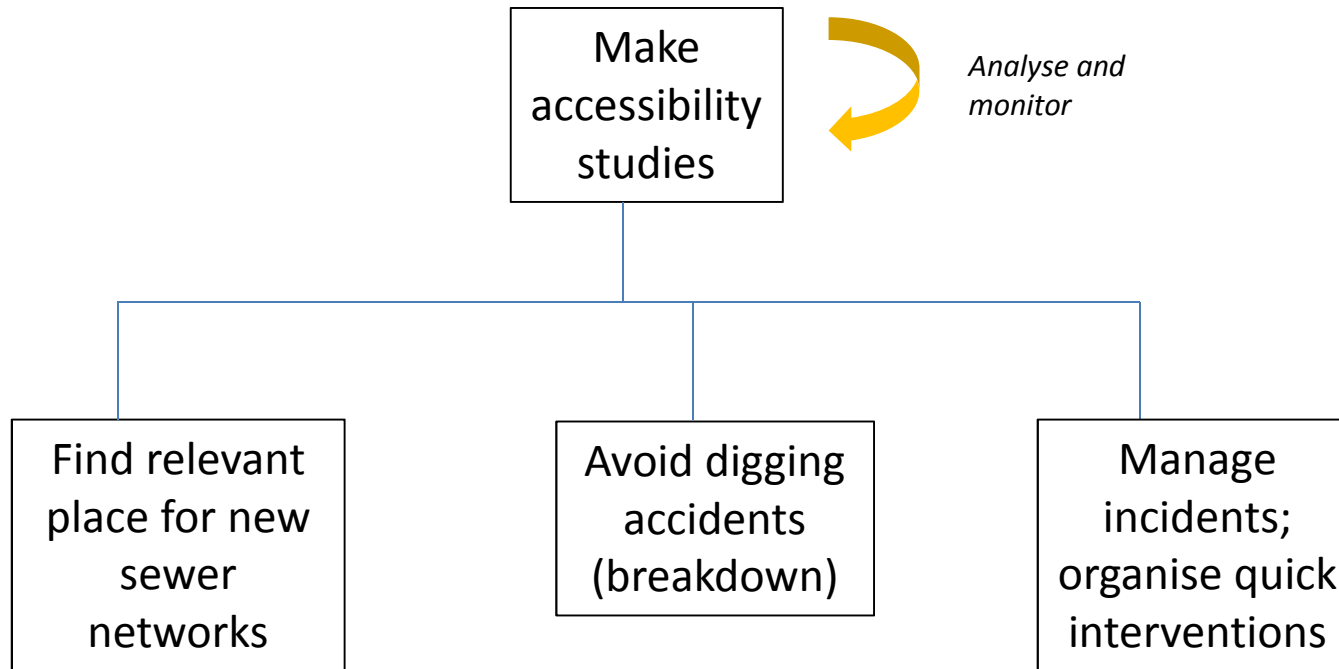


6.1 - achieve universal and equitable **access** to safe and affordable **drinking water** for all



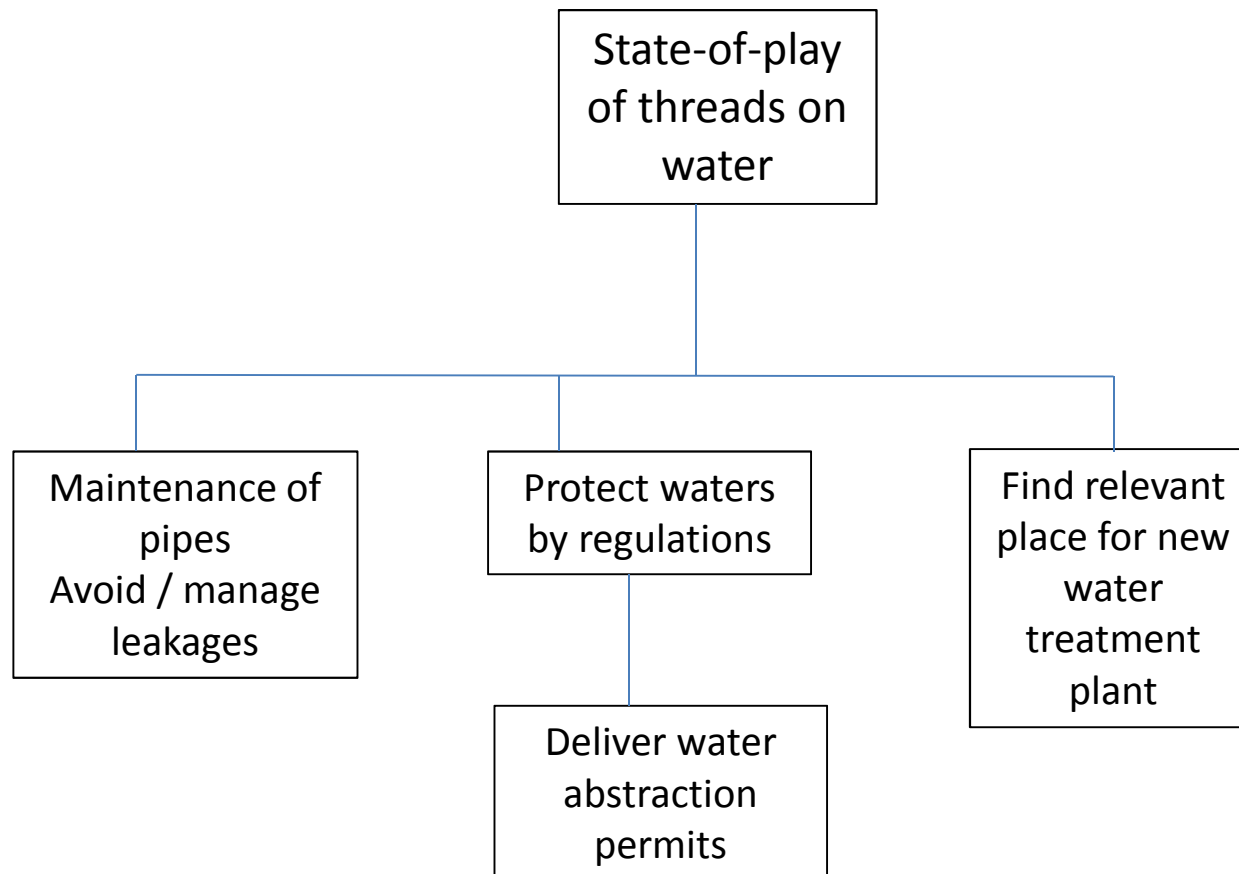


6.2 By achieve **access** to adequate and equitable **sanitation** and hygiene for all



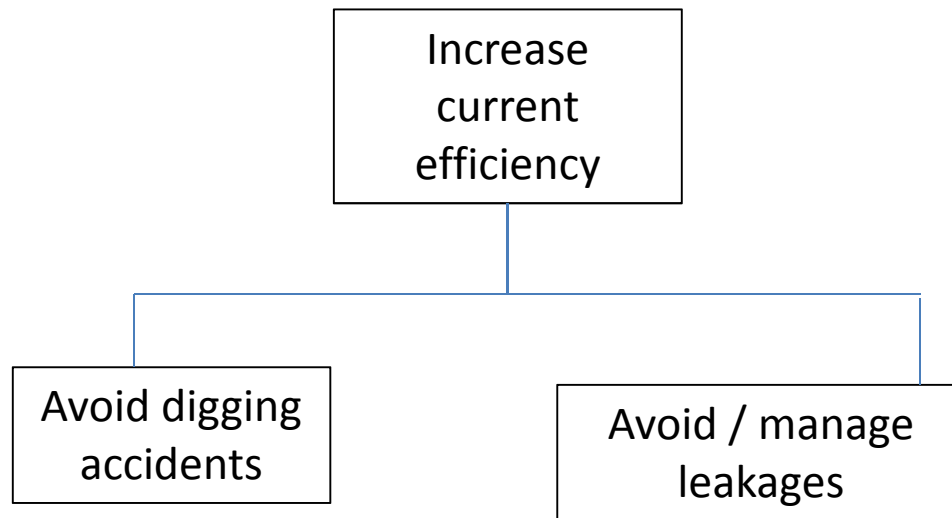


6.3 By 2030, **improve water quality by reducing pollution**, eliminating dumping and **minimizing release of hazardous chemicals** and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally



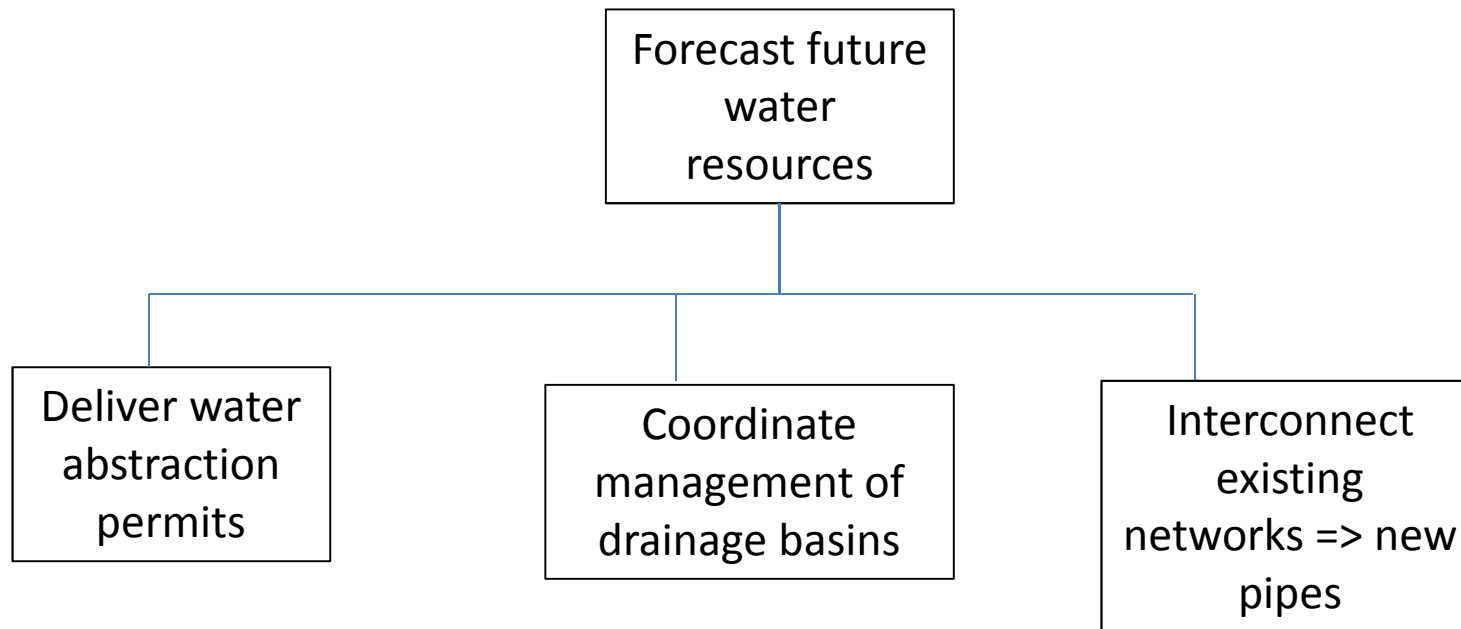


6.4 substantially **increase water-use efficiency** across all sectors and ensure sustainable withdrawals and supply of freshwater to **address water scarcity** and substantially reduce the number of people suffering from water scarcity





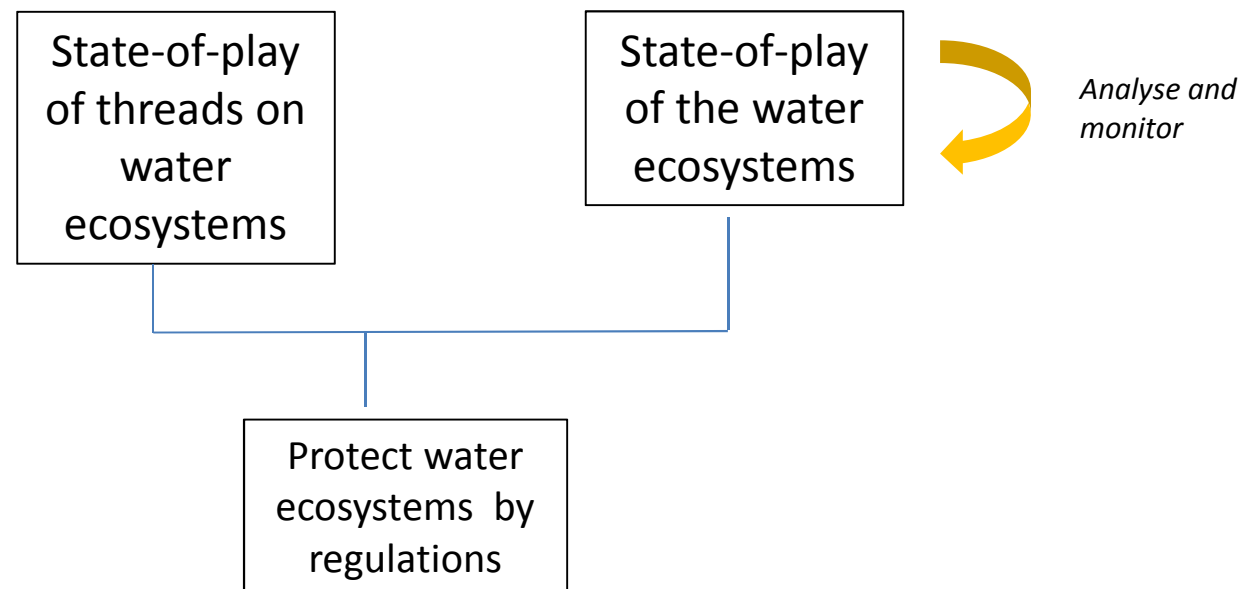
6.4 substantially **increase water-use efficiency** across all sectors and ensure sustainable withdrawals and supply of freshwater to **address water scarcity** and substantially reduce the number of people suffering from water scarcity





6.6 - **protect and restore water-related ecosystems**, including mountains, forests, **wetlands**, rivers, aquifers and lakes

15.1 ensure the conservation, restoration and sustainable use of **terrestrial and inland freshwater ecosystems** and their services, in particular forests, **wetlands**, mountains and drylands, in line with obligations under international agreements



Oceans



- **14.1** Prevent and significantly **reduce marine pollution** of all kinds, in particular from land-based activities, including marine debris and nutrient pollution
- **14.2** Sustainably manage and **protect marine and coastal ecosystems** to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans
- **14.3** Minimize and address the impacts of **ocean acidification**, including through enhanced scientific cooperation at all levels
- **14.4** effectively regulate harvesting and end **overfishing**, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics
- **14.5** By 2020, **conserve at least 10 per cent of coastal and marine areas**, consistent with national and international law and based on the best available scientific information



- **14.1** Prevent and significantly **reduce marine pollution** of all kinds, in particular from land-based activities, including marine debris and nutrient pollution
- **14.3** Minimize and address the impacts of **ocean acidification**, including through enhanced scientific cooperation at all levels

Locate source of
marine pollution

Assess ocean
waters quality



*Analyse and
monitor*



- **14.2** Sustainably manage and **protect marine and coastal ecosystems** to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans
- **14.4** effectively regulate harvesting and end **overfishing**
- **14.5** By 2020, **conserve at least 10 per cent of coastal and marine areas,**



Ecosystems



- 15.1 Ensure the conservation, restoration and sustainable use of terrestrial and inland **freshwater ecosystems** and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements
- 15.2 Promote the implementation of sustainable management of all types of **forests**, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally
- 15.3 Combat desertification, restore degraded land and soil, including land affected by **desertification, drought and floods**, and strive to achieve a land degradation-neutral world
- 15.4 Ensure the conservation of **mountain ecosystems**, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development
- 15.5 Take urgent and significant action to reduce the **degradation of natural habitats, halt the loss of biodiversity** and, by 2020, protect and prevent the extinction of threatened species
- 15.8 introduce measures to prevent the introduction and significantly reduce the impact of **invasive alien species** on land and water ecosystems and control or eradicate the priority species

Described in
« Water »

- 15.1 Ensure the conservation, restoration and sustainable use of terrestrial and inland **freshwater ecosystems** and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements

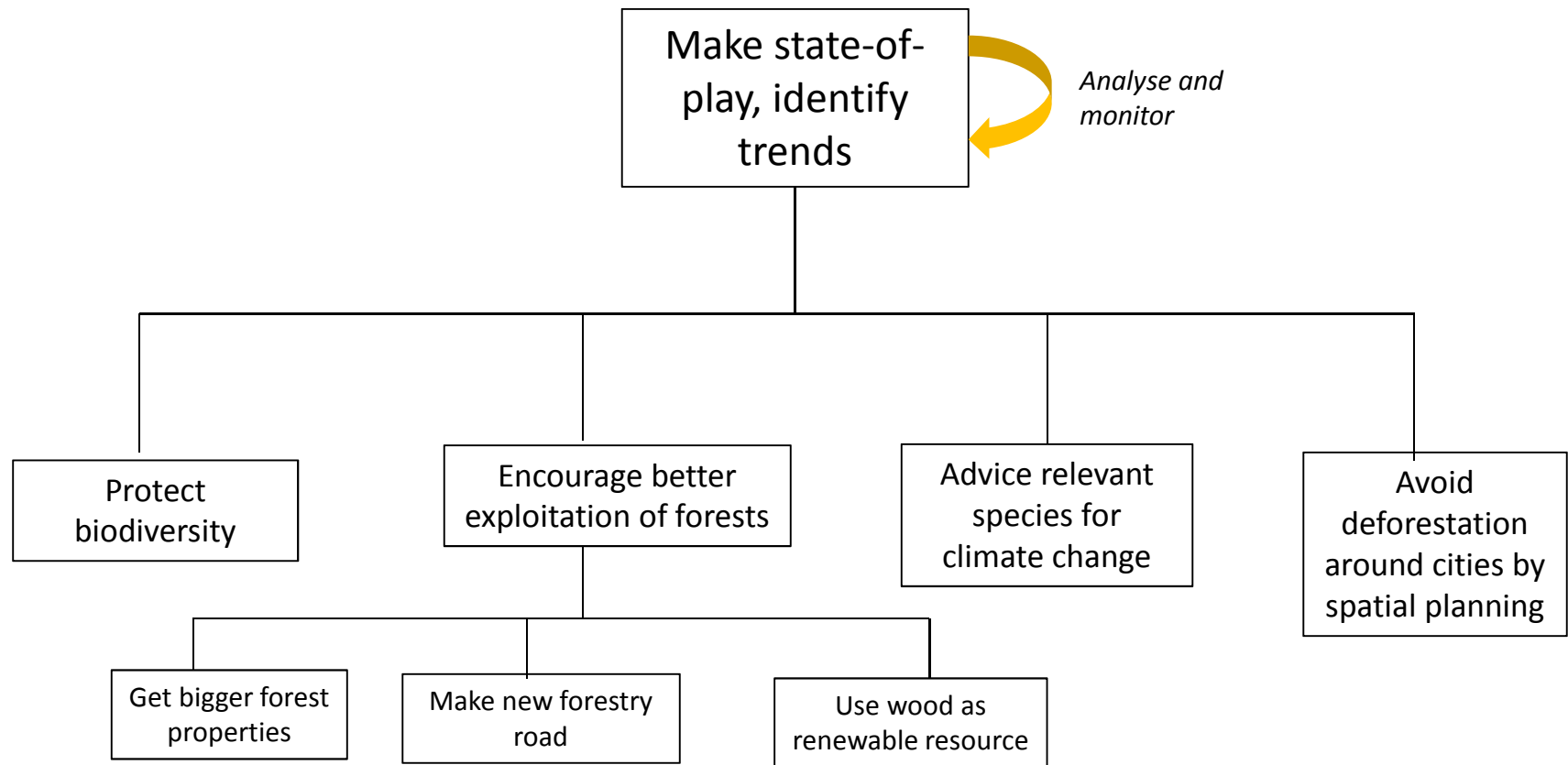
Described
in «Climate»

- 15.3 Combat desertification, restore degraded land and soil, including land affected by **desertification, drought and floods**, and strive to achieve a land degradation-neutral world



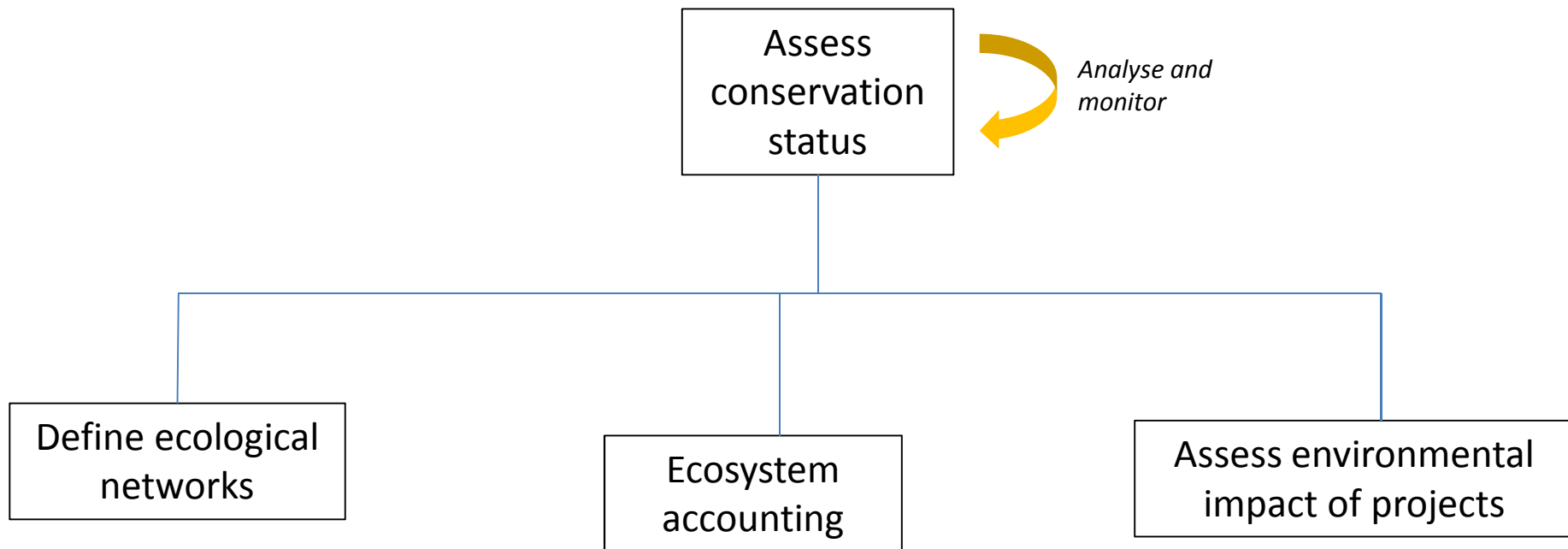
Sustainable Development Goals

15.2 By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally



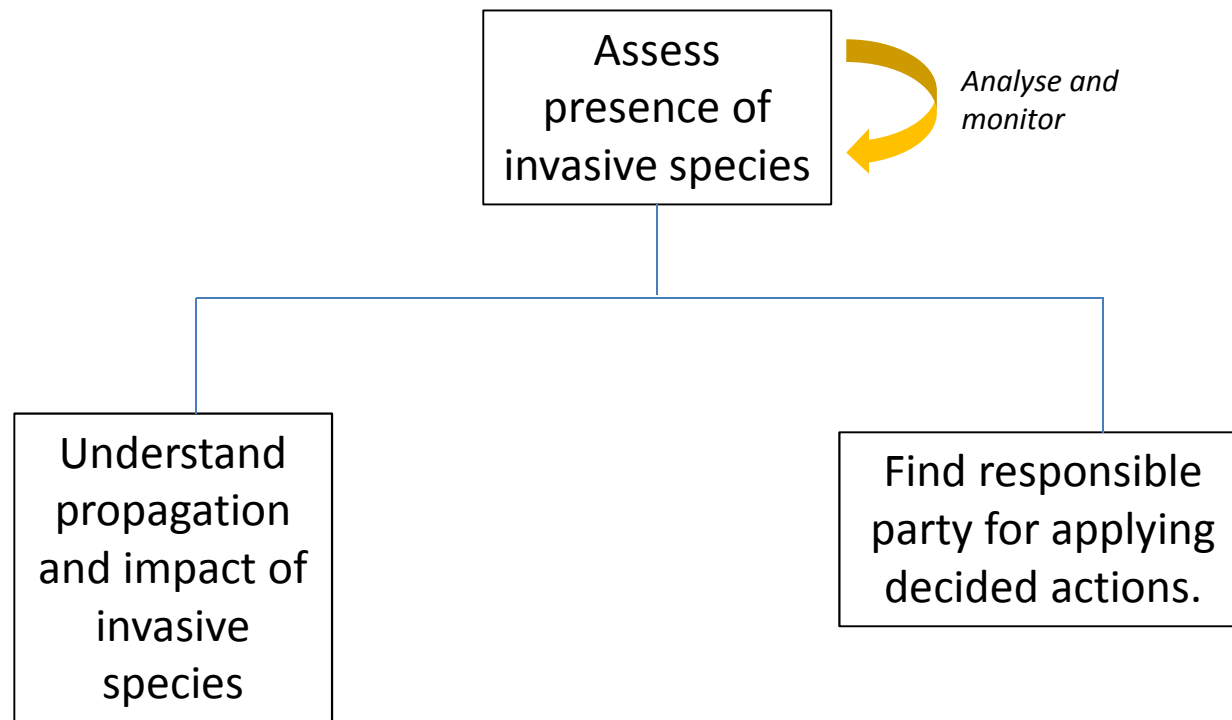


- 15.5 Take urgent and significant action to reduce the **degradation of natural habitats, halt the loss of biodiversity** and, by 2020, protect and prevent the extinction of threatened species





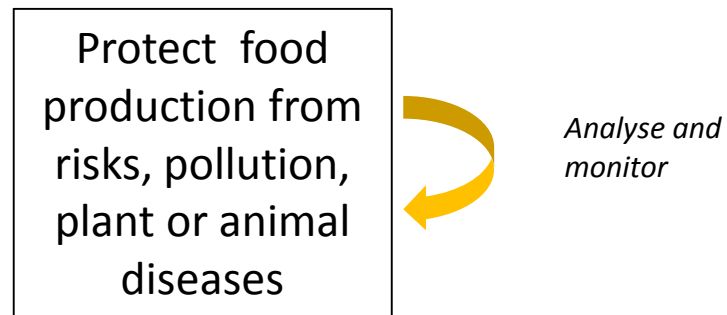
15.8 Introduce measures to prevent the introduction and significantly **reduce the impact of invasive alien species on land and water ecosystems** and control or eradicate the priority species



Agriculture

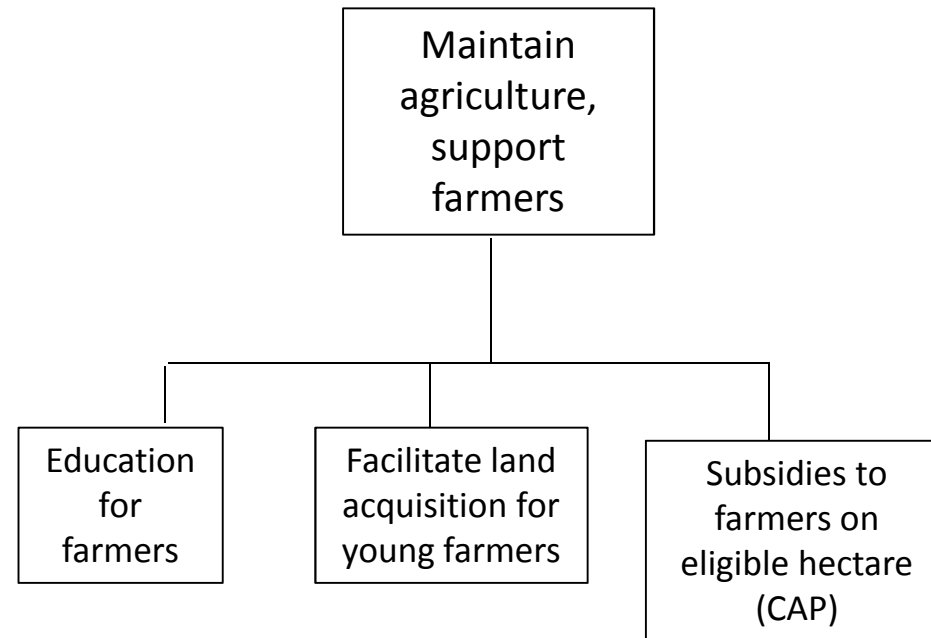


2.1 By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, **to safe**, nutritious and sufficient food all year round



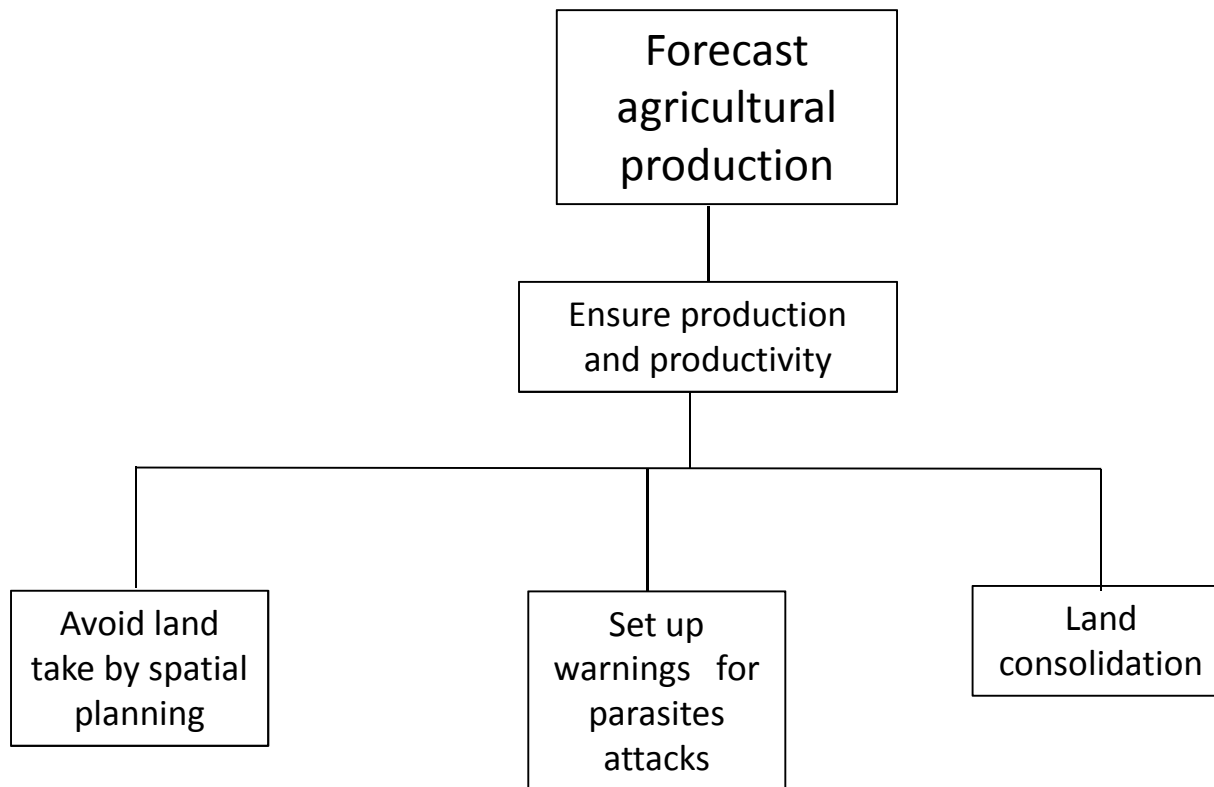


2.4 By 2030, ensure **sustainable food production systems** and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality



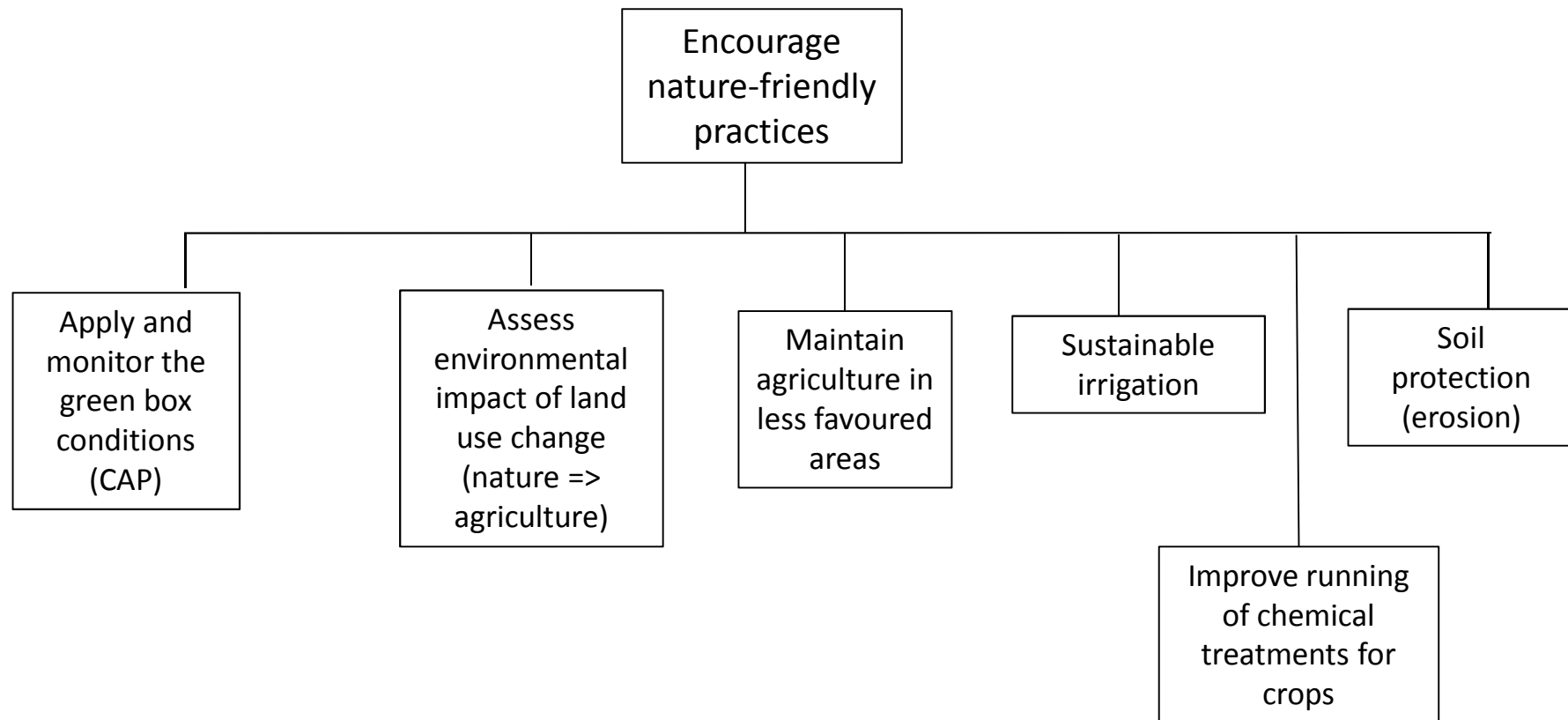


2.4 By 2030, ensure sustainable food production systems and implement resilient agricultural practices that **increase productivity and production**, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality





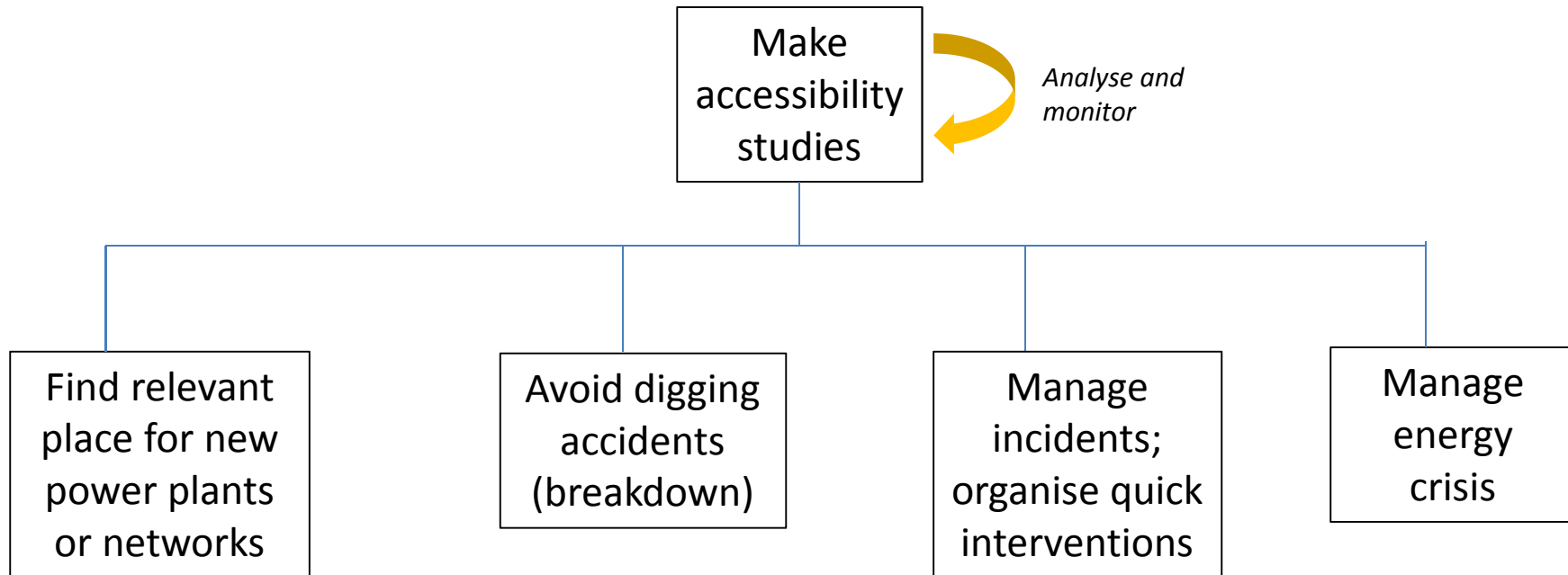
2.4 By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that **help maintain ecosystems**, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that **progressively improve land and soil quality**



Energy

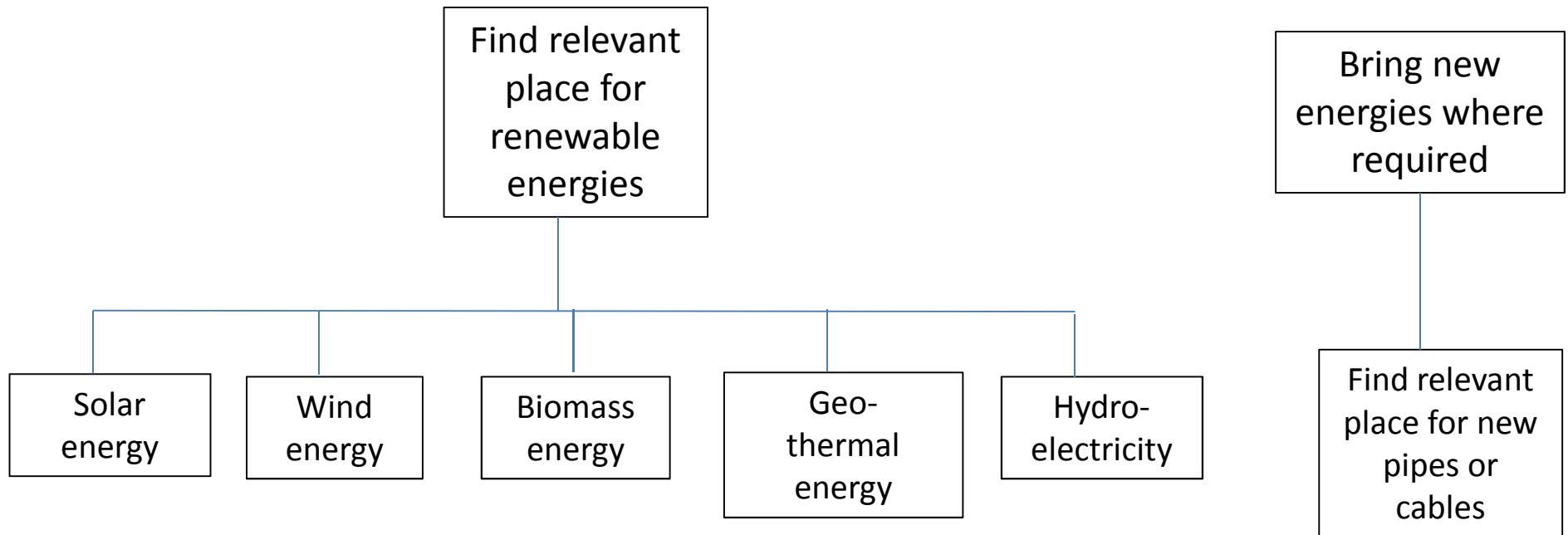


7.1 By 2030, ensure universal **access** to affordable, reliable and modern **energy** services





7.2 By 2030, increase substantially the share of **renewable energy** in the global energy mix





7.3 By 2030, double the global rate of improvement in **energy efficiency**

Avoid digging accidents

Avoid / manage leakages

Cities - settlements

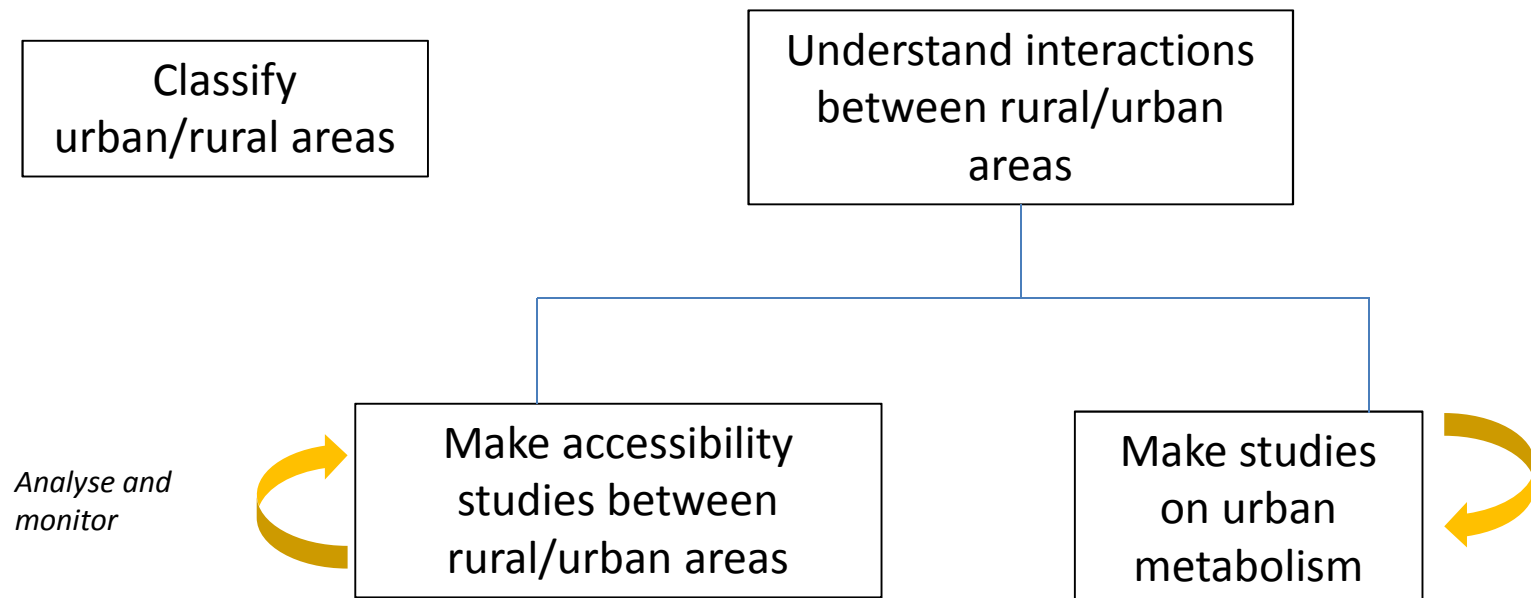


9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on **affordable and equitable access** for all



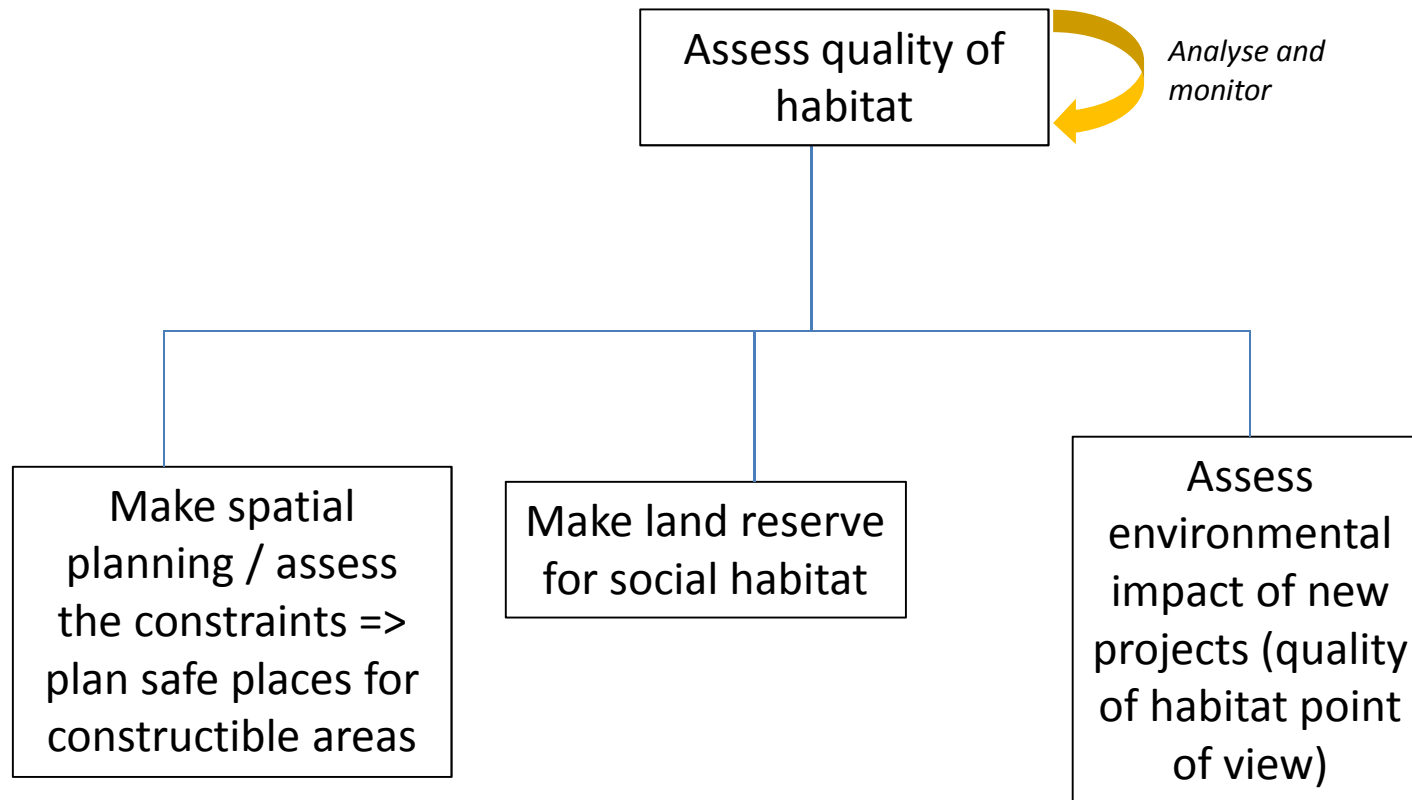
11.a Support positive economic, social and environmental links between **urban, per-urban and rural areas**

11.6 reduce the adverse per capita environmental **impact of cities....**





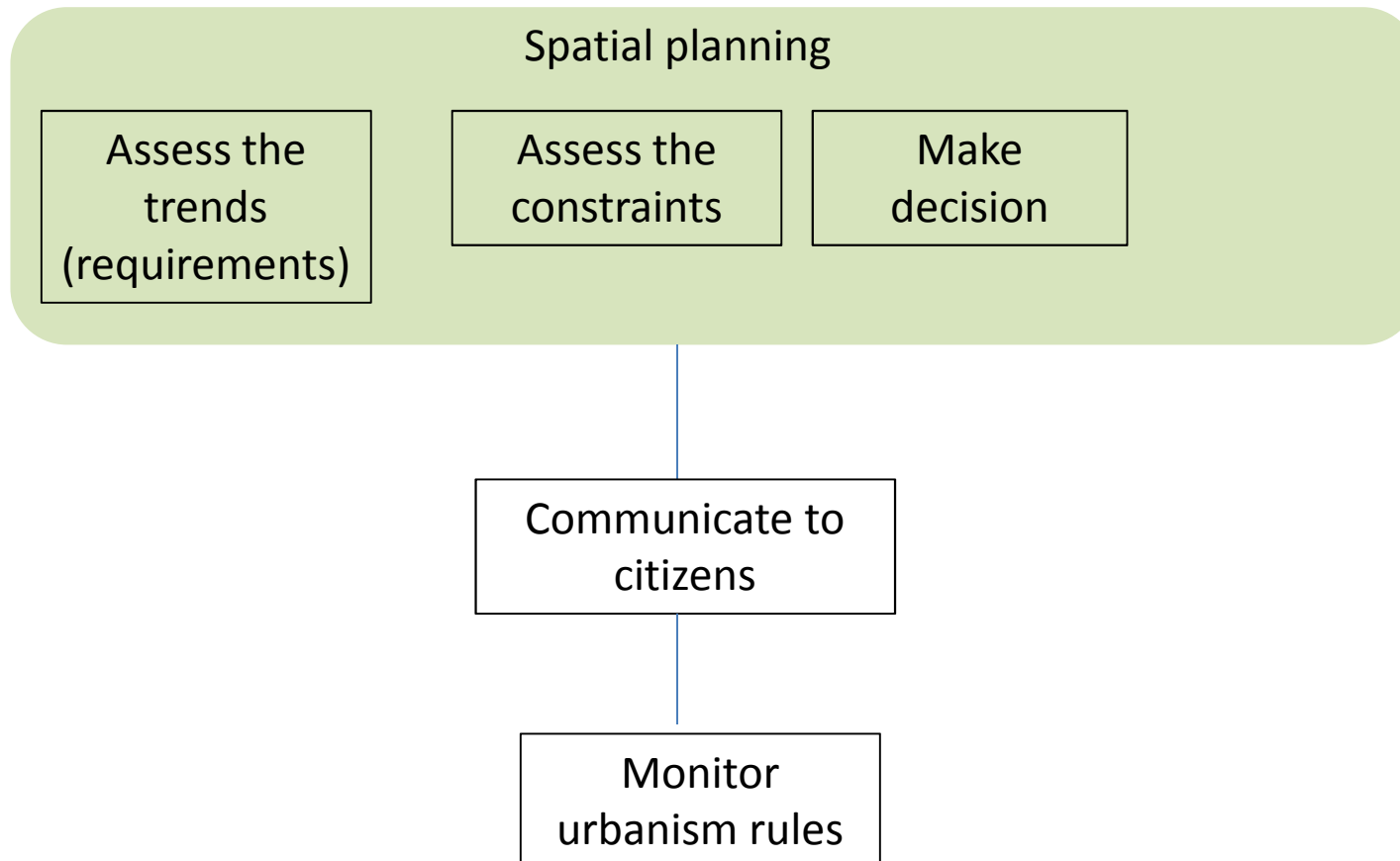
11.1 Ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums





11.3 Enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries

11.4 Strengthen efforts to protect and safeguard the world's cultural and natural heritage

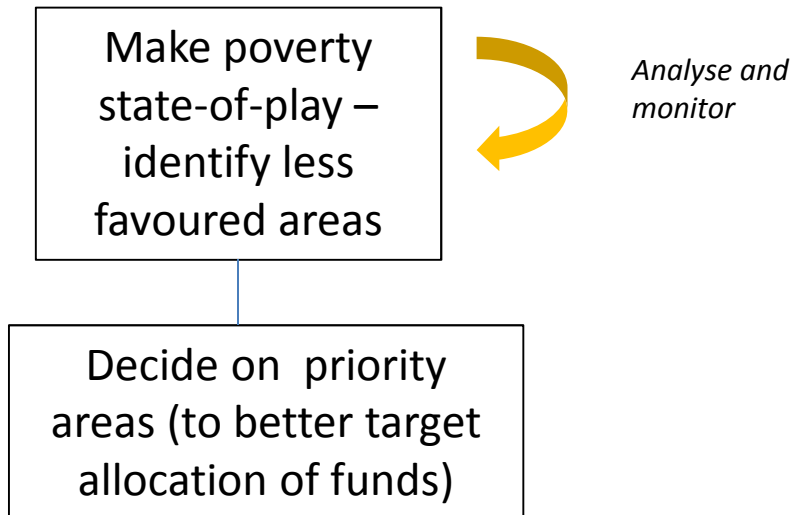


Society - Economy



1 – End poverty in all its forms everywhere

10 Reduce inequality within and among countries





1.4 – Ensure that all men and women have equal rights to **access to basic services**



4 **Ensure inclusive and equitable quality education for all**



11. 1 Ensure **access** for all to adequate, safe and affordable housing and **basic services** and upgrade slums

11.2 provide **access** to safe, affordable, accessible and sustainable **transport systems** for all



3.6 Halve the number of global deaths and injuries from road traffic accidents

Accessibility to utilities

Accessibility to
water

Accessibility to
sanitation

Accessibility to
energy



described in

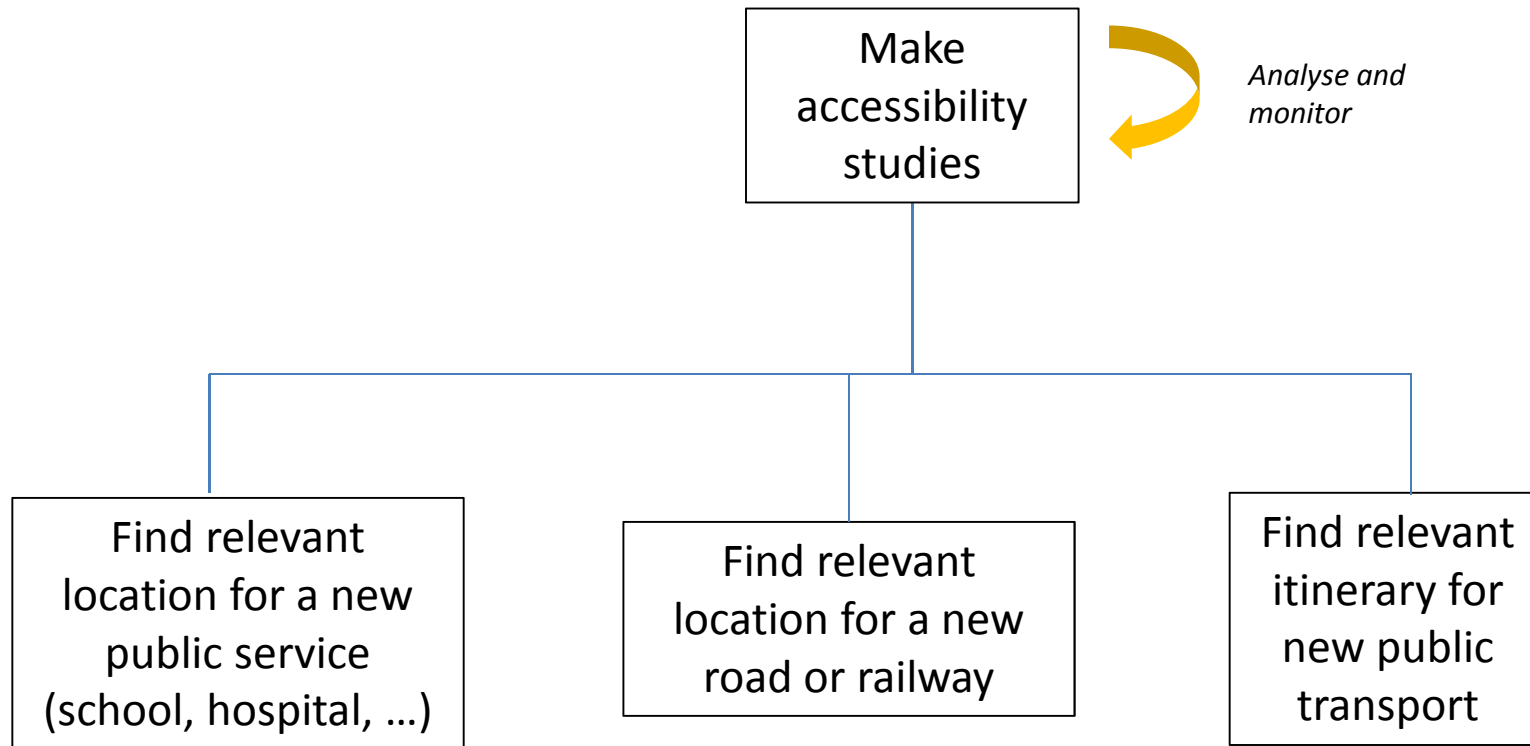


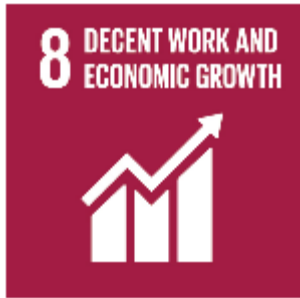
Accessibility to
telecommunications

Make
accessibility
studies

Find relevant
place for new
antennas

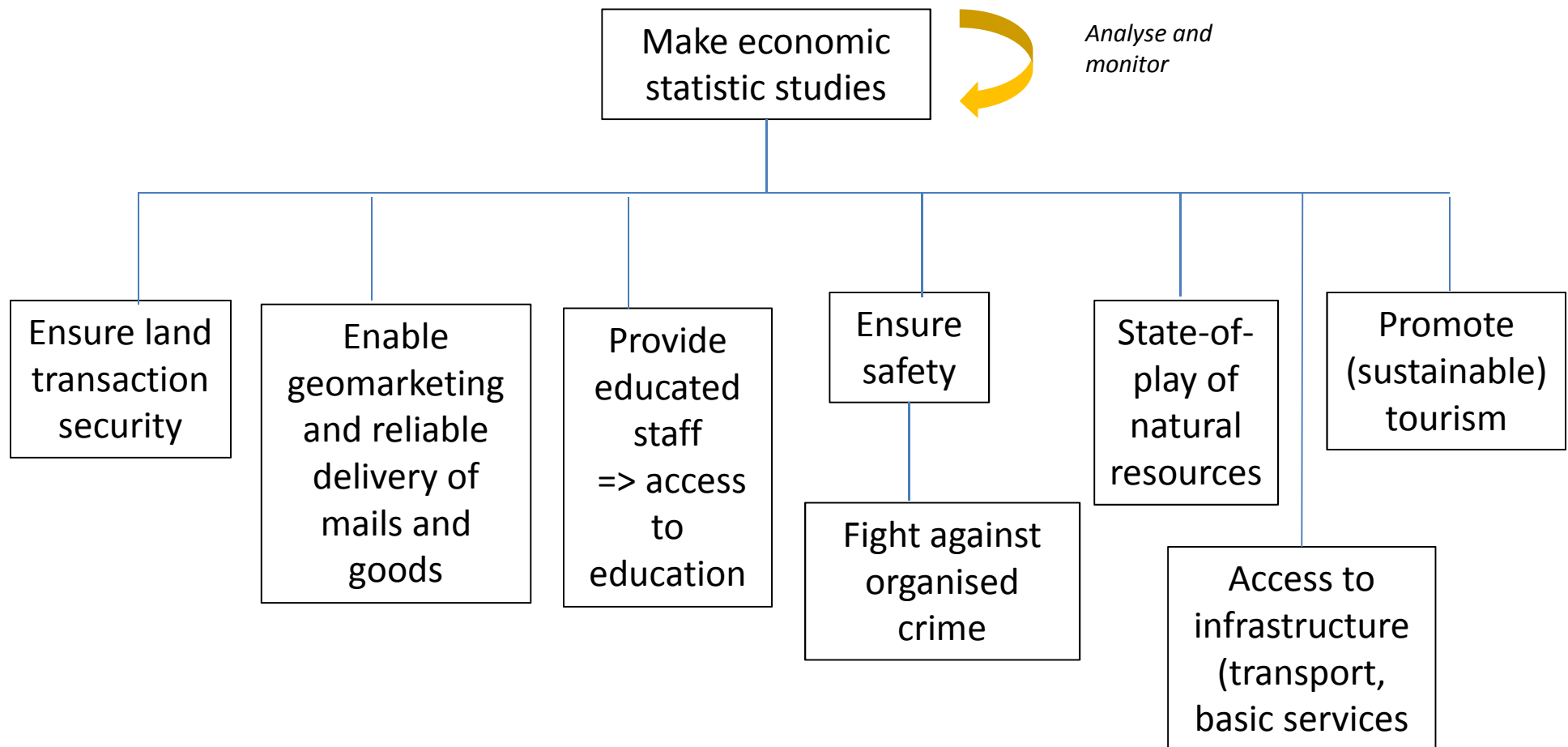
Accessibility to other basic services

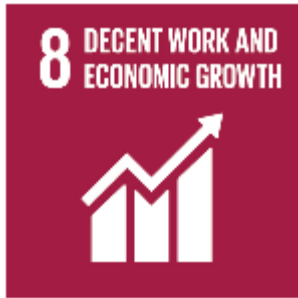




8– Promote sustained, inclusive and sustainable **economic growth**

8.9 devise and implement policies to promote **sustainable tourism** that creates jobs and promotes local culture and products





8.4 Improve progressively **global resource efficiency** in consumption and production



12.2 Achieve the **sustainable management and efficient use of natural resources**

Make state-of-play
of resources



*Analyse and
monitor*