

Sustainable Development Investments (SDIs)

Taxonomies

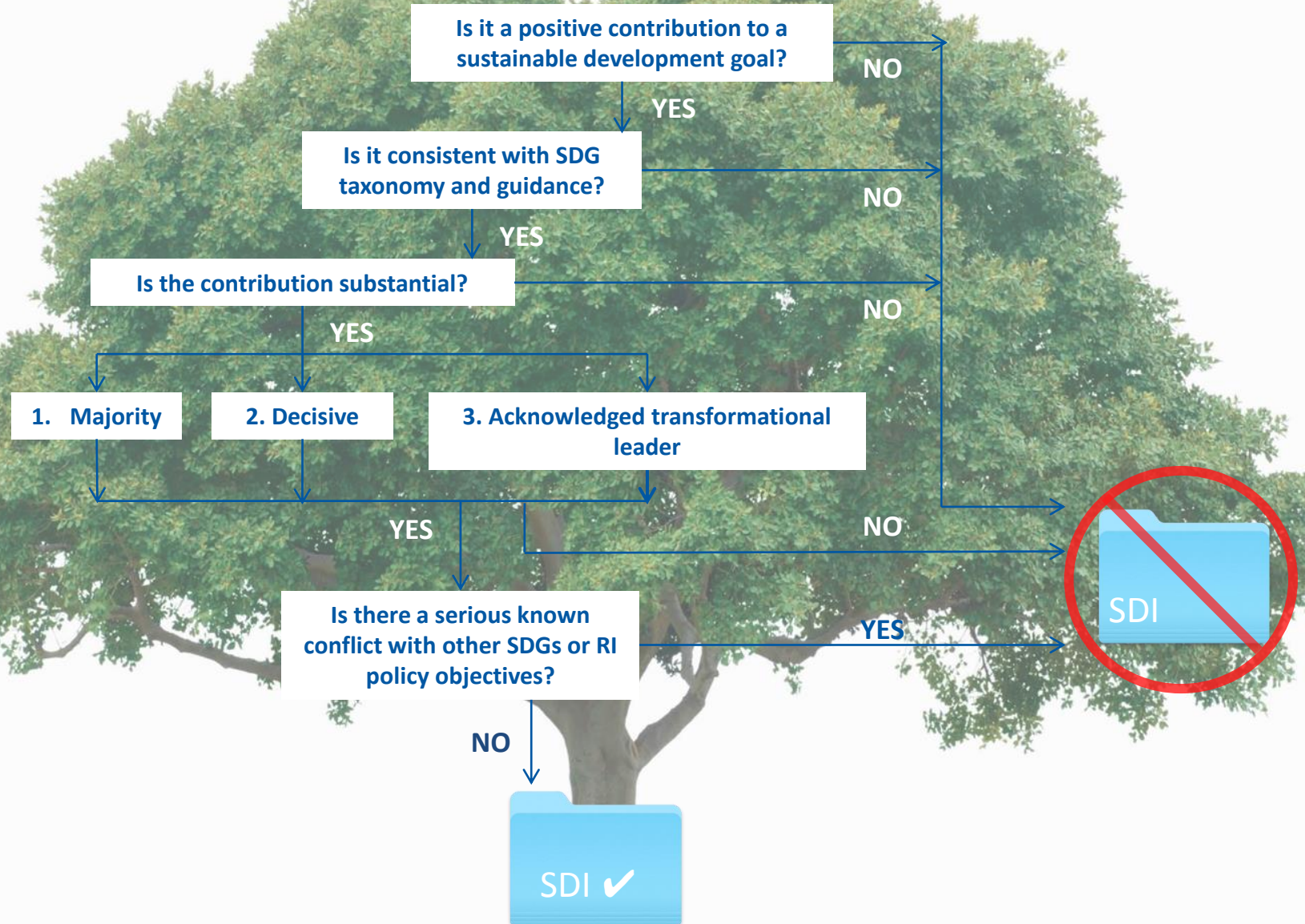
May 2017



SDI definition

*“We invest in solutions that contribute to the UN Sustainable Development Goals. These investments **meet our financial risk and return requirements and support the generation of positive social and/or environmental impact through their products and services, or at times through acknowledged transformational leadership.** We distinguish between investments where impact has and those where it has not been measured, and stimulate the latter to report on measurable impacts.”*

SDI Decision Tree



The investability of the SDGs

<p>✗ Not investable</p> <p>✓ Investable</p> <p>👍 Potential for Acknowledged Transformational Leader (ATL)</p>	<p>1 NO POVERTY</p>	<p>2 ZERO HUNGER</p>	<p>3 GOOD HEALTH AND WELL-BEING</p>	<p>4 QUALITY EDUCATION</p>	<p>5 GENDER EQUALITY</p>
<p>6 CLEAN WATER AND SANITATION</p>	<p>7 AFFORDABLE AND CLEAN ENERGY</p>	<p>8 DECENT WORK AND ECONOMIC GROWTH</p>	<p>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</p>	<p>10 REDUCED INEQUALITIES</p>	<p>11 SUSTAINABLE CITIES AND COMMUNITIES</p>
<p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p>	<p>13 CLIMATE ACTION</p>	<p>14 LIFE BELOW WATER</p>	<p>15 LIFE ON LAND</p>	<p>16 PEACE AND JUSTICE STRONG INSTITUTIONS</p>	<p>17 PARTNERSHIPS FOR THE GOALS</p>



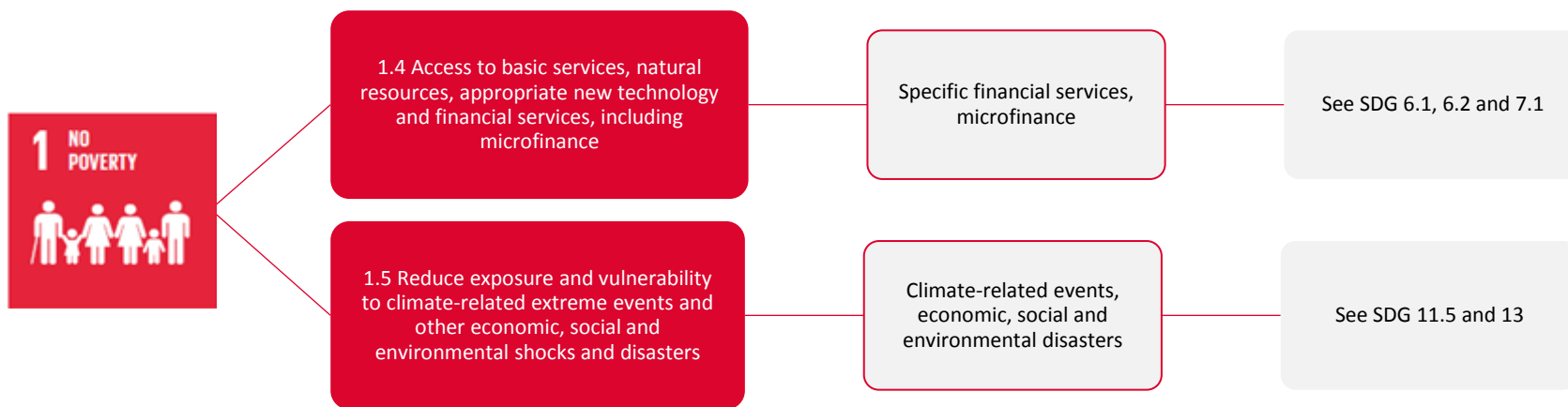
SDG 1: No Poverty

End poverty in all its forms everywhere

Investable sub-goals

1.4: Ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance

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





SDG 2: Zero Hunger

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

Investable sub-goals

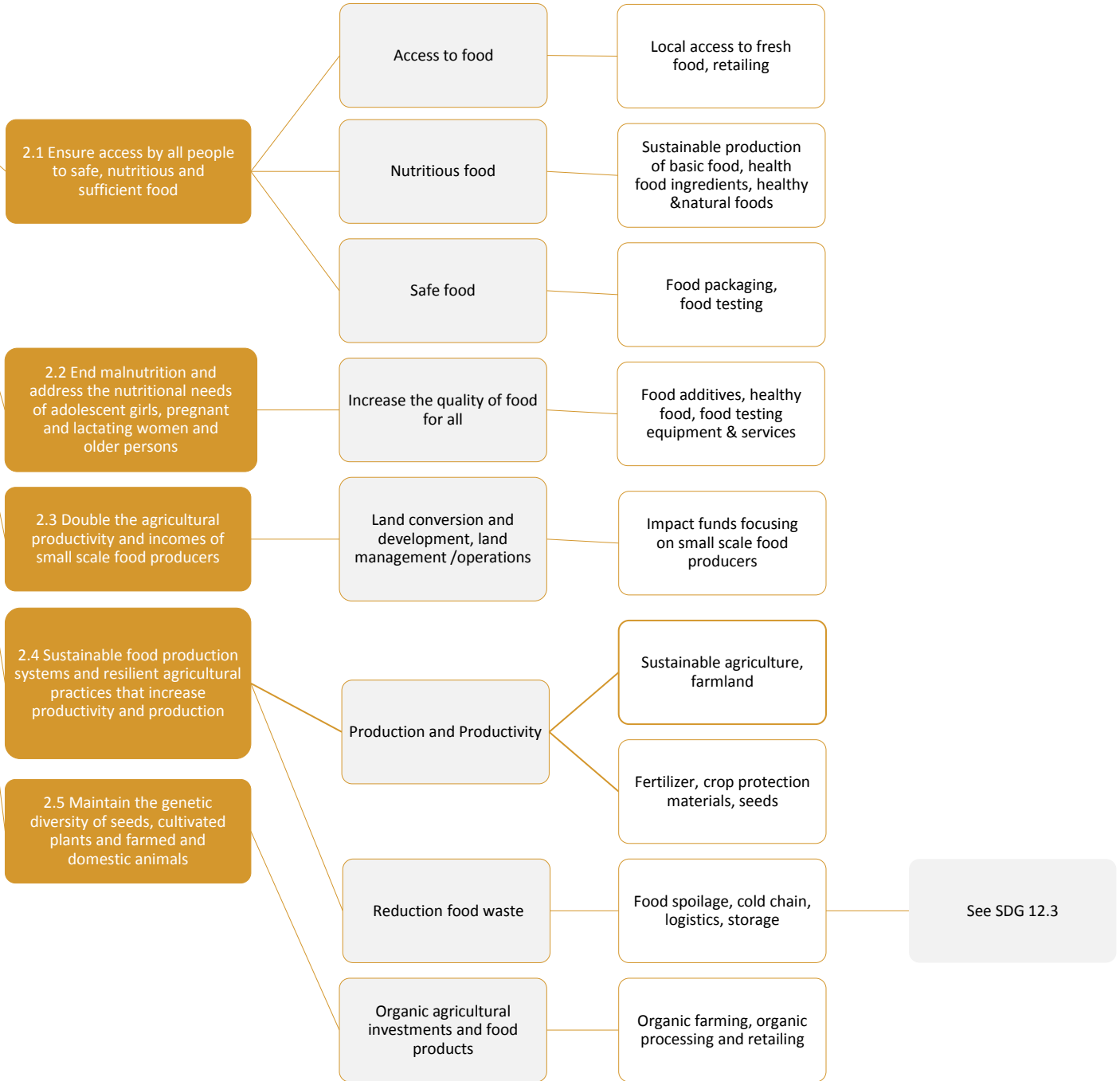
2.1: Ensure access by all people to safe, nutritious and sufficient food all year round

2.2: End all forms of malnutrition and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons

2.3: Double the agricultural productivity and incomes of small-scale food producers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment

2.4: Ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production

2.5: Maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge





SDG 3: Good Health and Well-being

Ensure healthy lives and promote well-being for all at all ages

Investable sub-goals

3.1: Reduce the global maternal mortality ratio

3.2: End preventable deaths of newborns and children under 5 years of age

3.3: End the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases

3.4: Reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being

3.7: Ensure universal access to sexual and reproductive health-care services, including for family planning, information and education

3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all.

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

3.b: Research and development of vaccines and medicines for the communicable and non-communicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines

3 GOOD HEALTH AND WELL-BEING

3.1: Reduce the global maternal mortality ratio

3.2: End preventable deaths of newborns and children under 5 years of age;

Access to maternal care and care for children under 5 years

Prevention, access to quality care by skilled health providers, diagnostics, access to contraception and access to medicine and treatment during pregnancy

3.3: Communicable diseases: End the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases;

3.4: Non-Communicable diseases: reduce by one third premature mortality from non-communicable diseases and promote mental health and well-being

Communicable and Non-communicable diseases

Prevention (including vaccines), access to quality care by skilled health providers, diagnostics, medicines and treatment for NCD and CD.

Mental health and well-being

Diagnostics, treatment of mental disorders, substance abuse and improving quality of life (incl. non-invasive diagnostics and treatment, prostheses, hearing devices)

3.8: Achieve universal health coverage, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all

3.b: Research and development of vaccines and medicines, provide access to affordable essential medicines and vaccines

(R&D of) vaccines and medicines

R&D facilities and services for vaccines and medicines

Health care equipment and services

Diagnostics, medical equipment, services, health care delivery systems (IT)

Personal health tech diagnostics, preventive healthcare

Affordable hospitals, and clinics, health care facilities

Affordable health coverage and financial services

See also SDG 9.1

3.7: ensure universal access to sexual and reproductive health-care services

Family planning

Incl. Contraceptives, fertility treatment information and education

3.9: reduce deaths and illnesses from hazardous chemicals and air, water and soil pollution/contamination

Health protection and alternatives

(personal) protective devices and equipment

See also SDG 12.4

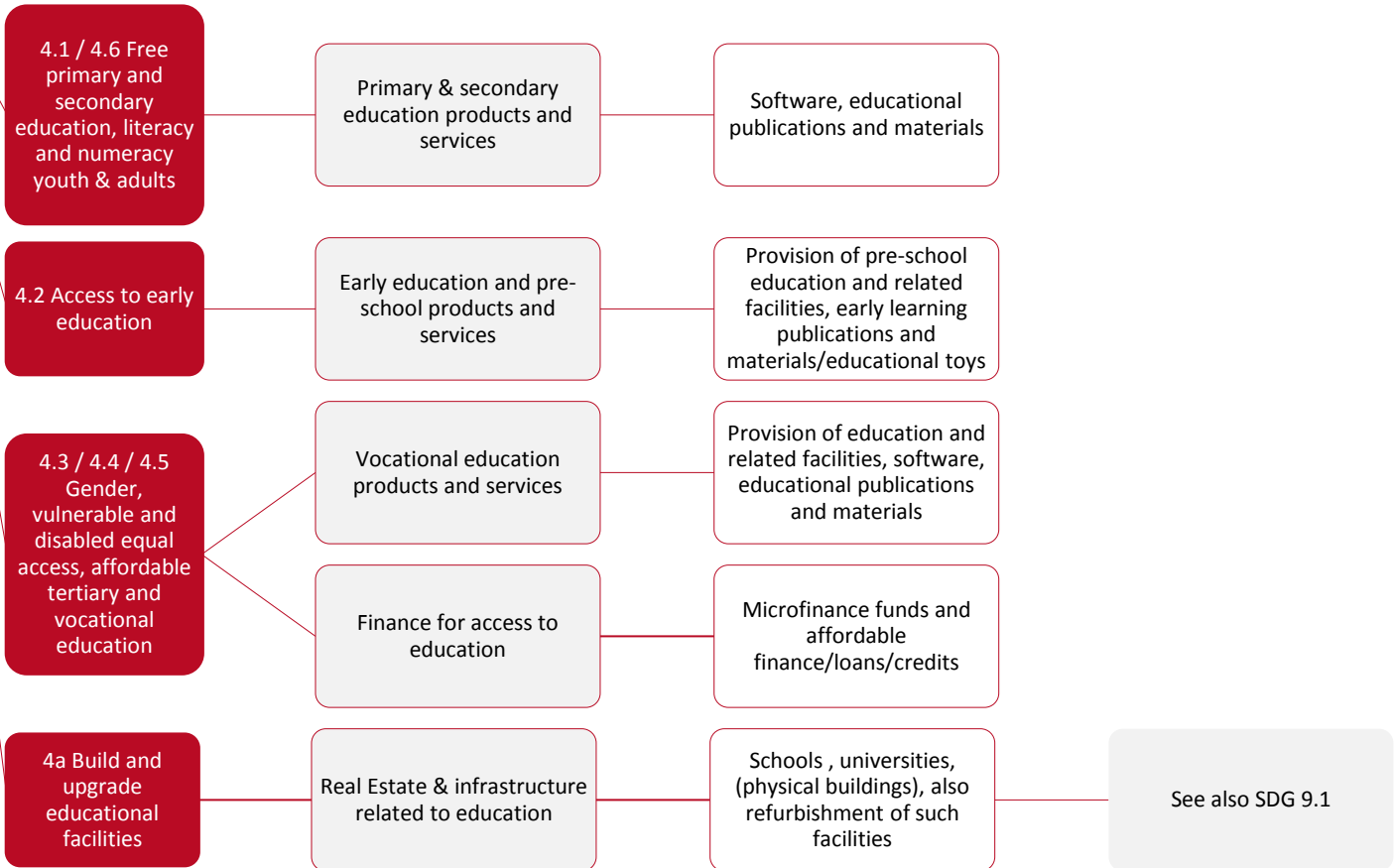


SDG 4: Quality education

Ensure inclusive and equitable quality education and promote lifelong learning opportunities

Investable sub-goals

- 4.1:** Ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes
- 4.2:** Ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education
- 4.3:** Ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university
- 4.4:** Substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship
- 4.5:** Eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations
- 4.6:** Ensure that all youth and a substantial proportion of adults, both men and women, achieve literacy and numeracy
- 4.a:** Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all





SDG 5: Gender equality

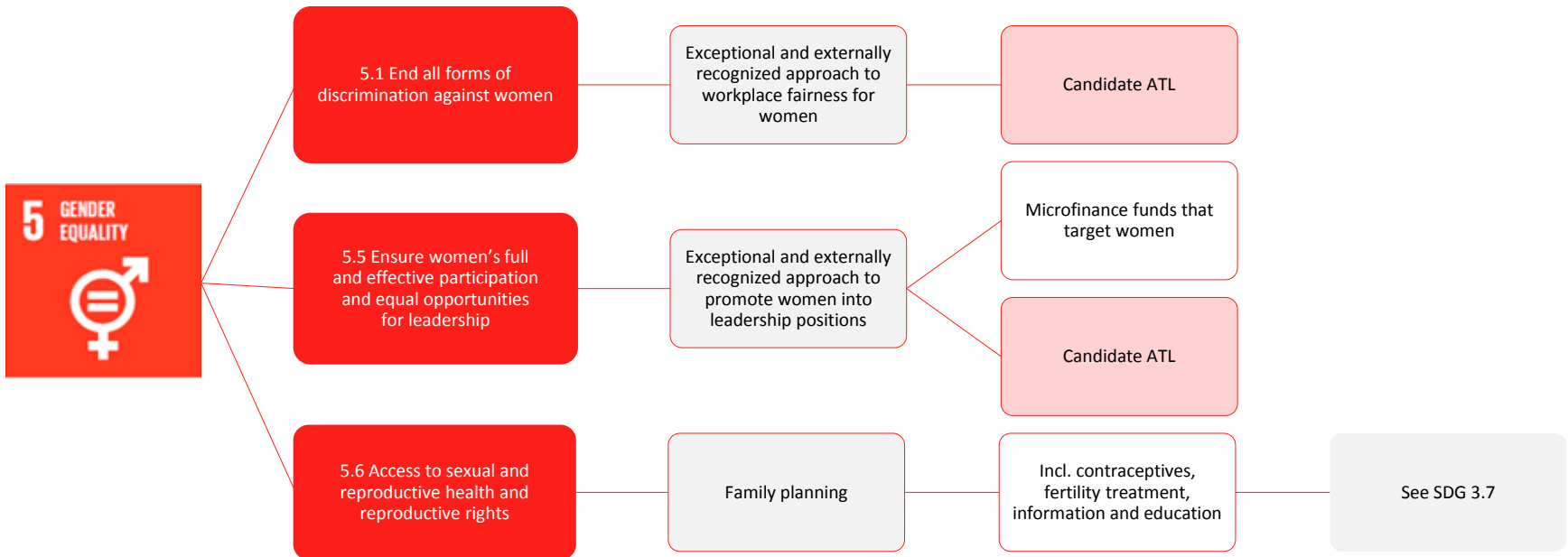
Achieve gender equality and empower all women and girls

Investable and acknowledged transformational leadership sub-goals

5.1: End all forms of discrimination against women

5.5: Ensure women’s full and effective participation and equal opportunities for leadership

5.6: Access to sexual and reproductive health and reproductive rights





SDG 6: Clean water and sanitation

Ensure availability and sustainable management of water and sanitation for all

Investable sub-goals

6.1: Access to safe and affordable drinking water for all

6.2: Access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations

6.3: 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



6.1: access to safe and affordable drinking water

Water supply & distribution

Network construction, maintenance, equipment

6.2: access to adequate and equitable sanitation and hygiene

Wastewater discharge

Network construction & maintenance

Hygiene

Personal hygiene products

6.3: improve water quality

Water treatment

Network construction, maintenance, equipment, desalinization

Water testing

Laboratory equipment & services

6.4: increase water-use efficiency and reduce the number of people suffering from water scarcity

Water quantity

Water saving systems, technologies and water metering

Water storage

Storage infra, storage tanks

See also SDG 13.1

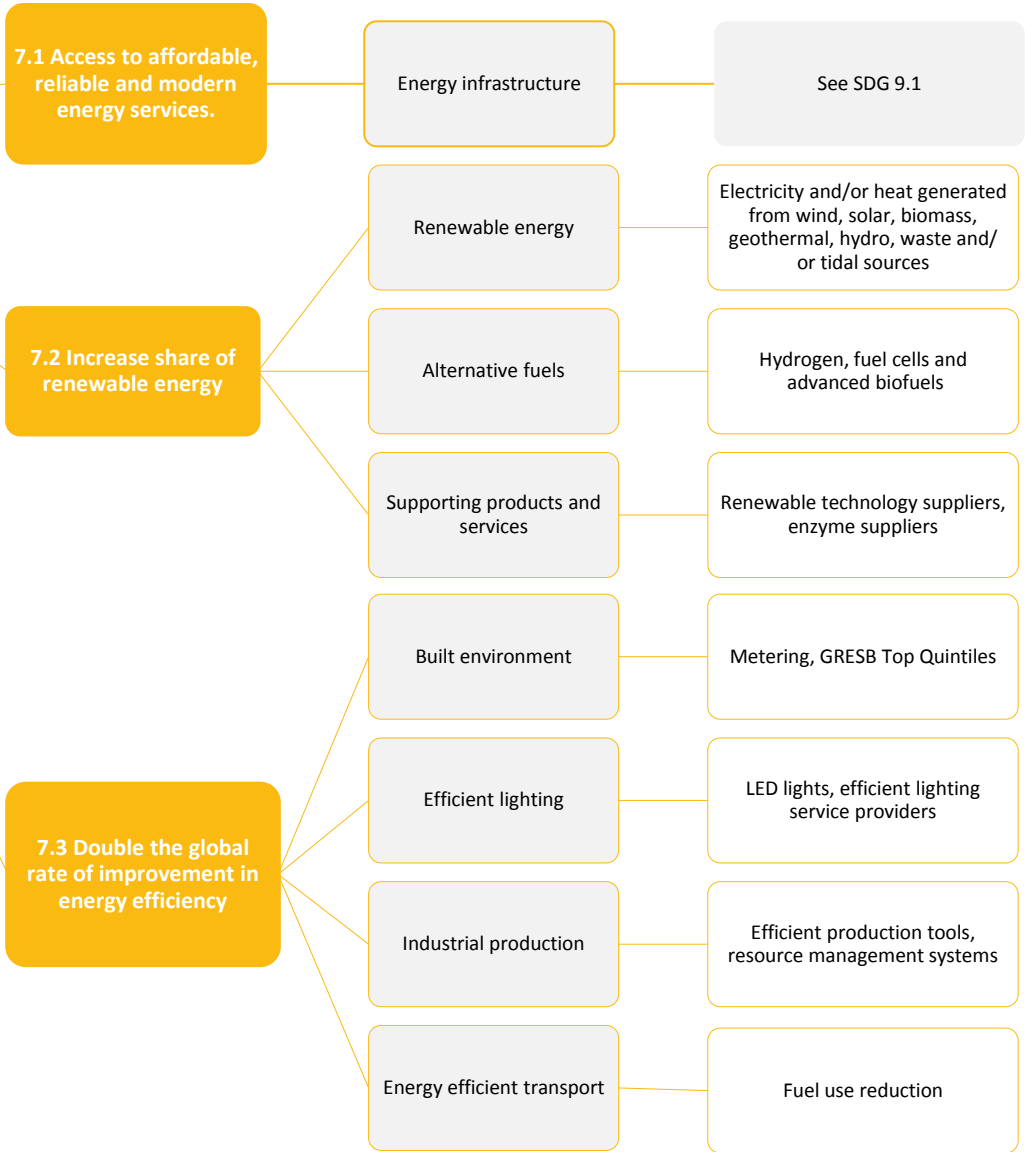


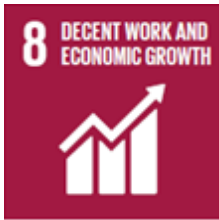
SDG 7: Affordable clean energy

Ensure access to affordable, reliable, sustainable and modern energy for all

Investable sub-goals

- 7.1: Ensure universal access to affordable, reliable and modern energy services
- 7.2: Increase substantially the share of renewable energy in the global energy mix
- 7.3: Double the global rate of improvement in energy efficiency





SDG 8: Decent work and economic growth

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

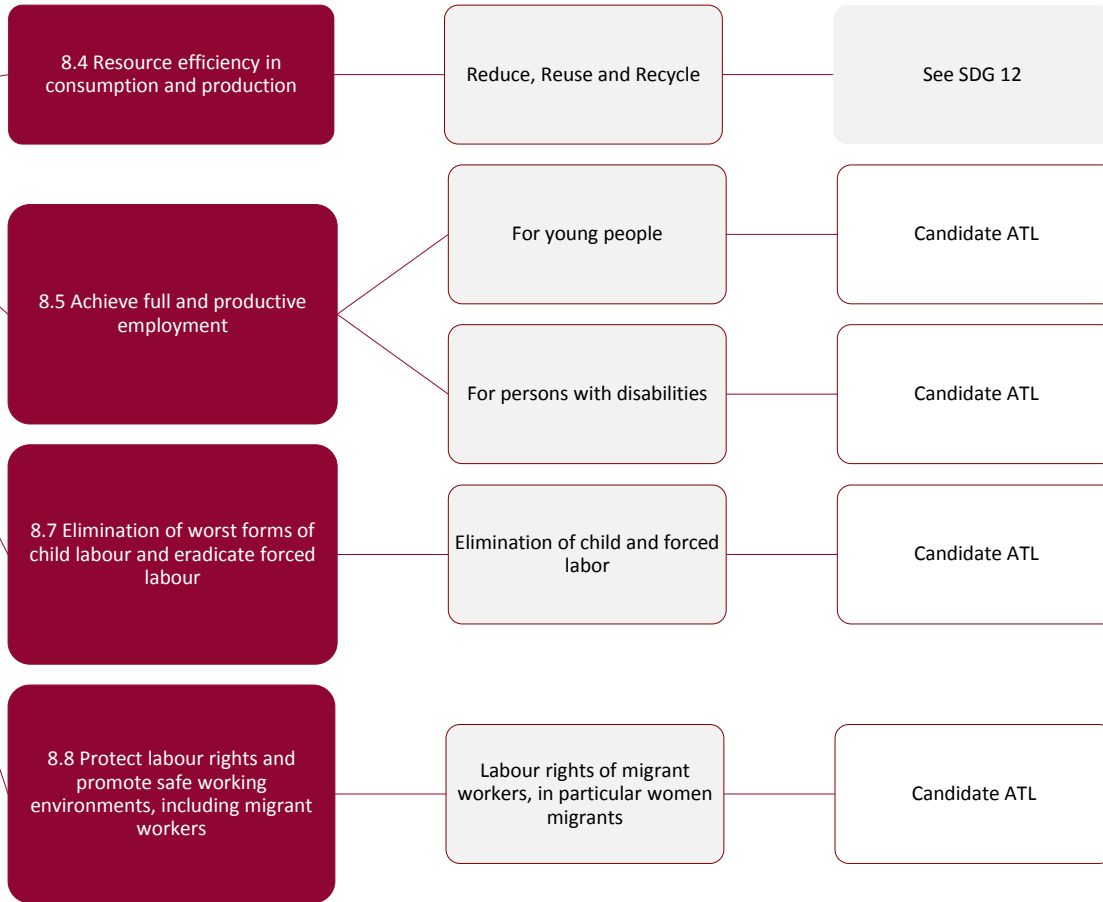
Investable and acknowledged transformational leadership sub-goals

8.4: Improve global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation

8.5: Achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value

8.7: Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labour, including recruitment and use of child soldiers, and by 2025 end child labour in all its forms

8.8: Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



SDG 9: industry, innovation and infrastructure

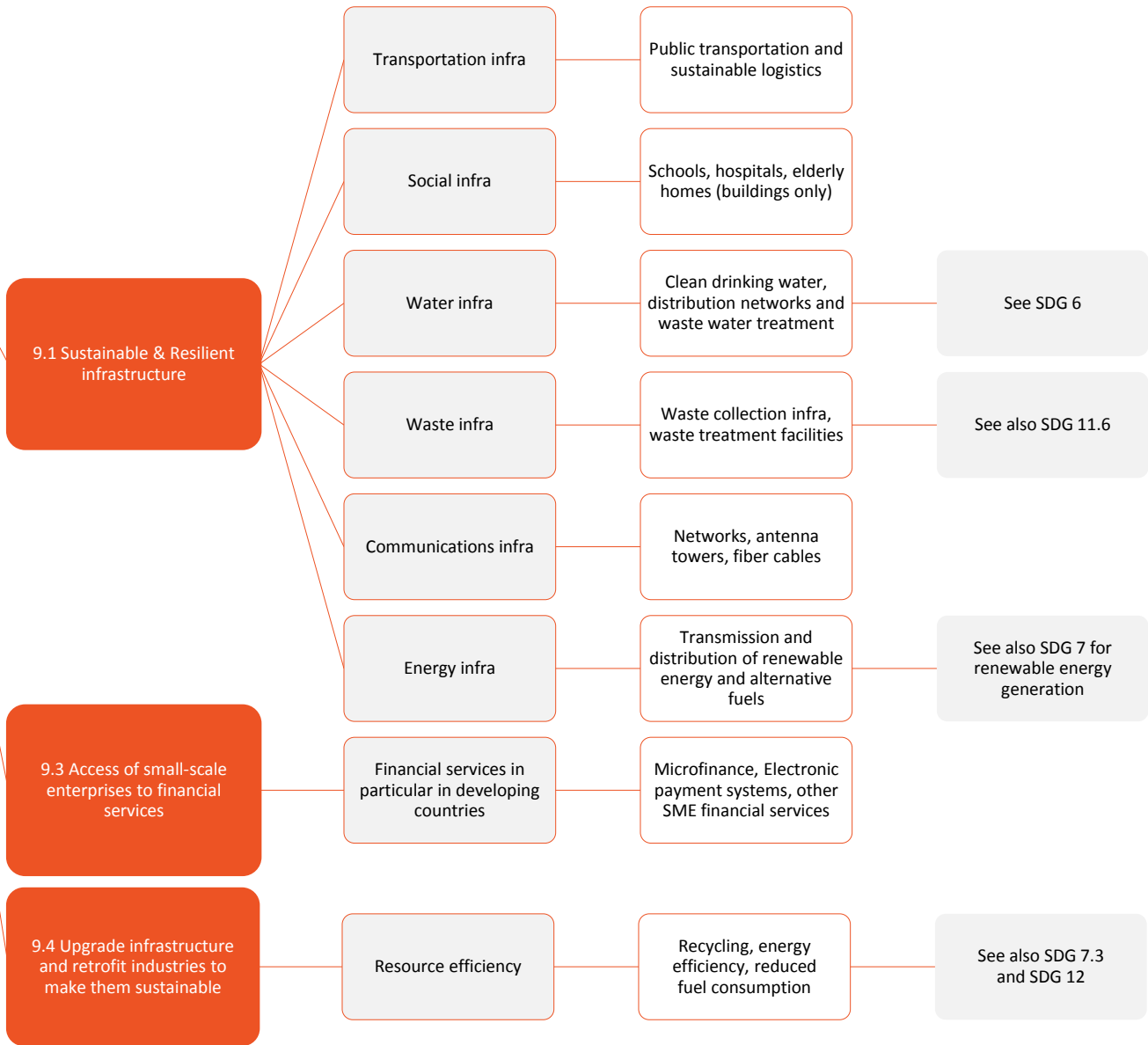
Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Investable sub-goals

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

9.3: Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets

9.4: Upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes



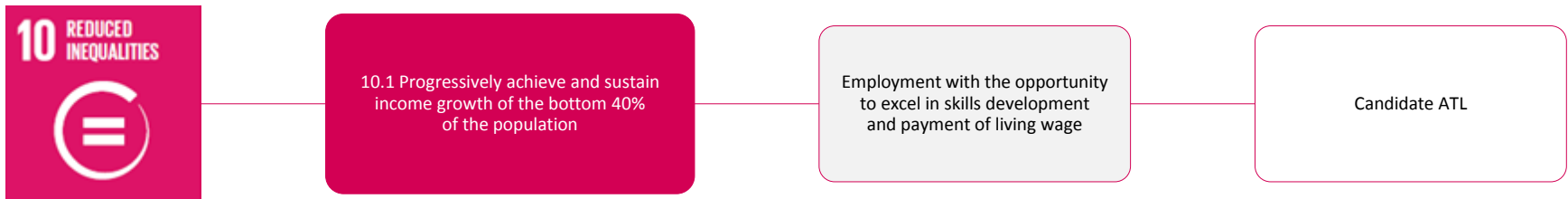


SDG 10: Reduce Inequalities

Reduce inequality within and among countries

Investable and acknowledged transformational leadership sub-goal

10.1: Progressively achieve and sustain income growth of the bottom 40% of the population





SDG 11: Sustainable Cities and Communities

Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

Investable sub-goals

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, improving road safety, notably by expanding public transport

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

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



11.1 Access to safe and affordable housing and basic services

Affordable housing

Public / private partnerships to build (social) housing, Student housing

Safe housing

Development, renovation, reinforcement of houses

Basic services

Access to waste collection, electricity, etc.

See also SDG 6, SDG 7, SDG 11.6

11.2 Access to safe, affordable and sustainable transport systems

Sustainable transportation systems

Public transport, rail infra, transport sharing,

See also SDG 9.1 and SDG 12.2/5

Improving road safety

Traffic management systems, vision & sensor systems, airbags

11.5 Reduce impact of disasters

Reduce human impact

Emergency packs, survival kits, shelter tents

Reduce economic losses

Catastrophe (re)insurance, catbonds

See also SDG 13

Upgrade adaptation measures

Flood protection, dams

11.6 Reduce adverse per capita environmental impact of cities

Waste management

Recycling, waste to energy

Air quality

Sustainable transport, EV infra

Transport substitutes

Virtualization, videoconferencing



SDG 12: Responsible Consumption and Production

Ensure sustainable consumption and production patterns

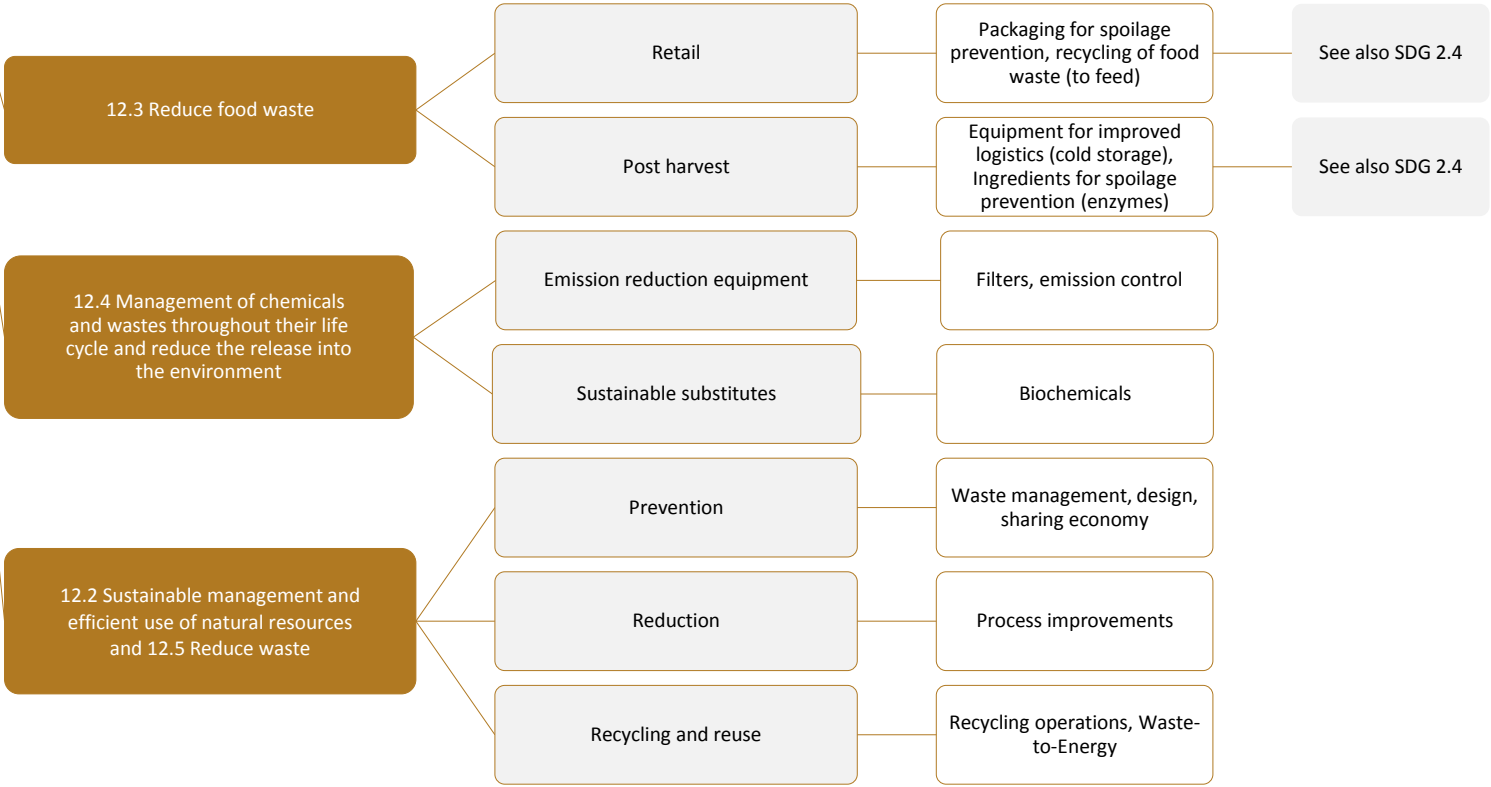
Investable sub-goals

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

12.3: Halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses

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

12.5: Substantially reduce waste generation through prevention, reduction, recycling and reuse





SDG 13: Climate Action

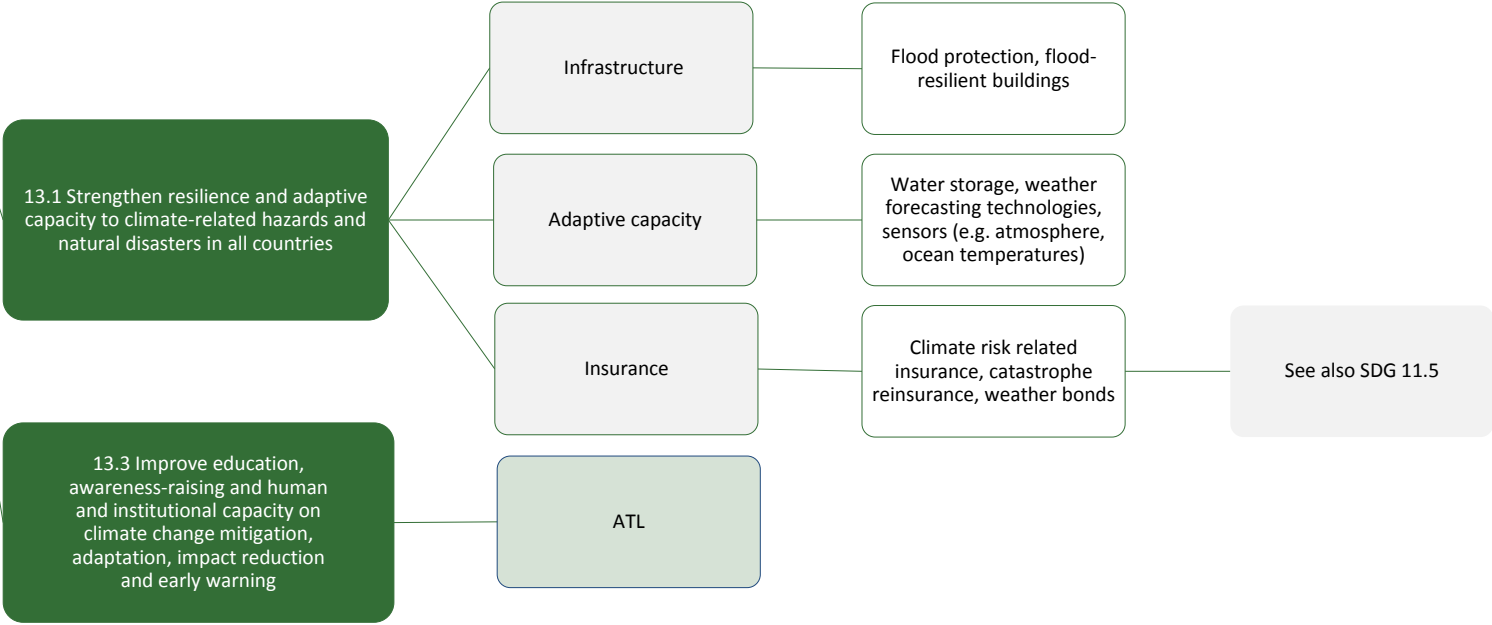
Take urgent action to combat climate change and its impacts

Investable sub-goals

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

13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning

13.b Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities





SDG 14: Life below water

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Investable sub-goals

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



14.1 Prevent and significantly reduce marine pollution of all kinds

14.2 Sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts

Marine products, services and equipment providers

Water pollution prevention

Sustainable fishing

marine operation services, moorings and aids to navigation, subsea services, ecological surveys and lab testing, oil spill response

Technologies, systems and projects aiming to reduce water pollution (e.g. wastewater treatment)

Products, services and equipment providers of sustainable fishing technologies



SDG 15: Life on land

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt and reverse land degradation and halt biodiversity loss

Investable sub-goals

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

15.5: 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



15.2 Sustainable management of forests, halt deforestation, restore degraded forests and increase afforestation and reforestation

Sustainably managed forests

Natural and production forests (FSC or SFI certified)

Afforestation and reforestation projects

Forest development, REDD projects

15.3 Combat desertification, restore degraded land and soil

Degraded land restoration,

Agriculture on marginal lands, Land Degradation Neutrality investment

Prevent land degradation

Halt overgrazing, agricultural activities, deforestation

15.4 & 15.5 Reduce degradation of natural habitats including mountain ecosystems, halt the loss of biodiversity and protect and prevent extinction of threatened species

Reduce degradation of natural habitats

Nature conservation projects

Halt the loss of biodiversity

Wildlife conservation projects, biological pesticides, ecotourism

Protect and prevent the extinction of threatened species

Wildlife conservation projects

Restoration finance

Carbon-, Biodiversity-, Stream-, wetlands mitigation- & restoration finance



SDG 16: Peace and Justice Strong institutions

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

Investable sub-goals

- Not possible to contribute to this goal through investment activity, but use information to feed into investment decisions, e.g. via country risk ESG assessments.



SDG 17: Partnerships for the Goals

Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development

Investable sub-goals

- Not possible to contribute to this goal through investment activity, but through participation in cross-industry initiatives (e.g. PRI).