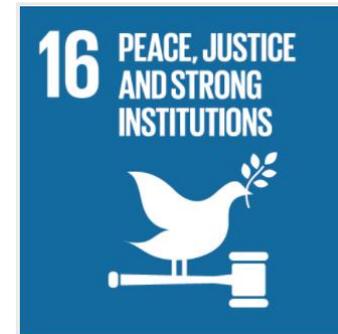


SDG 8,9 & 16 in Higher Education in Malaysia

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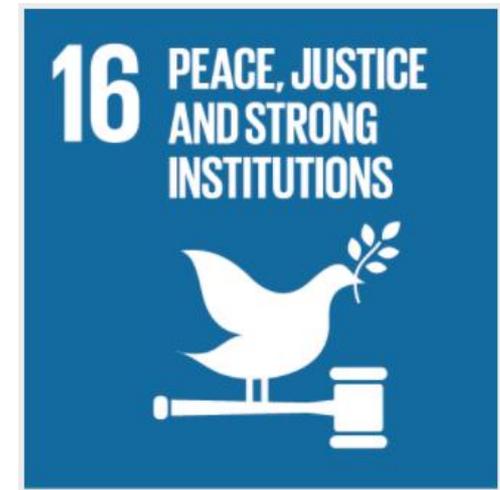




Promote inclusive and sustainable economic growth, employment and decent work for all



Build resilient infrastructure, promote sustainable industrialization and foster innovation



Promote just, peaceful and inclusive societies

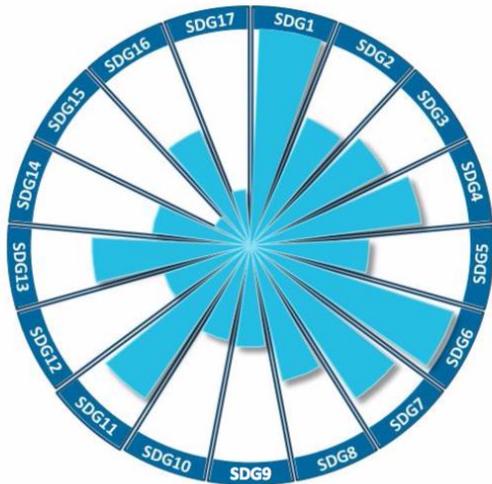
Malaysia

OVERALL SDG PERFORMANCE	Global rank	Score or value	Regional average
SDG Index	63 (of 149)	61.7 /100	54.6 /100

Comparison with other development metrics

Human Development Index, 2014	62 (of 188)	0.78 /1	0.66 /1
Subjective Wellbeing, 2015	58 (of 149)	5.8 /10	5.1 /10
GDP per capita, PPP, 2015	40 (of 149)	US\$ 26141	US\$ 13672
Global Competitiveness Ind., 2016	18 (of 140)	5.2 /10	4.2 /10
Environmental Perf. Index, 2016	63 (of 180)	74.2 /100	61.3 /100

AVERAGE PERFORMANCE BY SDG



SDG DASHBOARD



Source: https://issuu.com/unsdnsn/docs/sdg_index_dashboard_full



Malaysia - Performance by indicator

Indicator	Value	Rating
SDG1		
Poverty headcount ratio at \$1.90 a day (%)	0.3	●
SDG2		
Prevalence of undernourishment (%)	5	●
Cereal yield (t/ha)	3.9	●
Prevalence of stunting, under-5s (%)	17.2	●
Prevalence of wasting, under-5s (%)	0	●
Sust. Nitrogen Management Index (0-1)	0.8	●
SDG3		
Under 5 mortality (per 1000 live births)	7	●
Maternal mortality (per 100,000 live births)	40	●
Neonatal mortality (per 1000 live births)	3.9	●
Physician density (per 1000)	1.2	●
Incidence of tuberculosis (per 100,000)	103	●
Traffic deaths (per 100,000)	24	●
Adolescent fertility (births per 1000)	12.7	●
Subjective wellbeing (0-10)	5.8	●
Healthy life expectancy at birth (years)	65	●
Infants who receive 8 WHO vaccines (%)	94	●
SDG4		
Expected years of schooling (years)	12.7	●
Literacy rate of 15-24 year olds (%)	98.4	●
Net primary school enrolment rate (%)	97	●
SDG5		
Women in national parliaments (%)	10.4	●
Female years of schooling (% male)	93	●
Female labor force participation (% male)	66.4	●
Unmet demand for contraceptives (%)	42.2	●
SDG6		
Access to improved water (%)	98.2	●
Access to improved sanitation (%)	96	●
Freshwater withdrawal (%)	1.9	●
SDG7		
Access to electricity (%)	100	●
Access to non-solid fuels (%)	95	●
CO ₂ from fuels & electricity (MtCO ₂ /TWh)	1.5	●
SDG8		
Automated teller machines (per 100,000)	51.9	●
Adjusted growth rate (%)	1	●
Unemployment rate (%)	2.9	●

Indicator	Value	Rating
Child labor (%)	n/a	●
SDG9		
R&D expenditures (% GDP)	1.1	●
Logistics Performance Index (1-5)	3.6	●
Quality of overall infrastructure (1-7)	5.6	●
Mobile broadband subscriptions (per 100)	12.5	●
Internet use (%)	67.5	●
SDG10		
Gini index (0-100)	46.2	●
SDG11		
PM2.5 in urban areas (µg/m ³)	14.4	●
Improved water source, piped (%)	100	●
SDG12		
Wastewater treated (%)	8.6	●
Municipal solid waste (kg/person/year)	1.5	●
SDG13		
CO ₂ emissions from energy (tCO ₂ /capita)	7.9	●
Climate change vulnerability (0-1)	0.1	●
SDG14		
Ocean Health Index - Clean waters (0-100)	66.8	●
Ocean Health Index - Biodiversity (0-100)	80.2	●
Ocean Health Index - Fisheries (0-100)	65	●
Marine sites, completely protected (%)	0	●
Fish stocks overexploited or collapsed (%)	19.2	●
SDG15		
Red List Index of species survival (0-1)	0.7	●
Annual change in forest area (%)	19.1	●
Terrestrial sites, completely protected (%)	3.8	●
SDG16		
Homicides (per 100,000)	2.3	●
Prison population (per 100,000)	132	●
Feel safe walking at night (%)	44.4	●
Corruption Perception Index (0-100)	50	●
Registered births (%)	n/a	●
Government efficiency (1-7)	5.1	●
Property rights (1-7)	5.4	●
SDG17		
Official development assistance (% GNI)	n/a	●
Tax revenue (% GDP)	24.9	●
Health, Education & R&D spending (% GDP)	11	●



12 Targets
17 Indicators

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



SUSTAINABLE DEVELOPMENT GOAL 8

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



TARGETS	INDICATORS
8.1 Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries	
8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors	8.2.1 Annual growth rate of real GDP per employed person
8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services	8.3.1 Proportion of informal employment in non-agriculture employment, by sex
8.4 Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-year framework of programmes on sustainable consumption and production, with developed countries taking the lead	8.4.1 Material footprint, material footprint per capita, and material footprint per GDP 8.4.2 Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP



SUSTAINABLE DEVELOPMENT GOAL 8

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



TARGETS	INDICATORS
8.5 By 2030, 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	8.5.1 Average hourly earnings of female and male employees, by occupation, age and persons with disabilities 8.5.2 Unemployment rate, by sex, age and persons with disabilities
8.6 By 2020, substantially reduce the proportion of youth not in employment, education or training	8.6.1 Proportion of youth (aged 15-24 years) not in education, employment or training
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	8.7.1 Proportion and number of children aged 5-17 years engaged in child labour, by sex and age
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	8.8.1 Frequency rates of fatal and non-fatal occupational injuries, by sex and migrant status 8.8.2 Increase in national compliance of labour rights (freedom of association and collective bargaining) based on International Labour Organization (ILO) textual sources and national legislation, by sex and migrant status



SUSTAINABLE DEVELOPMENT GOAL 8

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



TARGETS	INDICATORS
8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products	8.9.1 Tourism direct GDP as a proportion of total GDP and in growth rate 8.9.2 Number of jobs in tourism industries as a proportion of total jobs and growth rate of jobs, by sex
8.10 Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all	8.1.1 Annual growth rate of real GDP per capita 8.10.1 Number of commercial bank branches and automated teller machines (ATMs) per 100,000 adults 8.10.2 Proportion of adults (15 years and older) with an account at a bank or other financial institution or with a mobile-money-service provider



SUSTAINABLE DEVELOPMENT GOAL 8

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



TARGETS	INDICATORS
8.A Increase Aid for Trade support for developing countries, in particular least developed countries, including through the Enhanced Integrated Framework for Trade-Related Technical Assistance to Least Developed Countries	8.A.1 Aid for Trade commitments and disbursements
8.B By 2020, develop and operationalize a global strategy for youth employment and implement the Global Jobs Pact of the International Labour Organization	8.B.1 Total government spending in social protection and employment programmes as a proportion of the national budgets and GDP



**8 DECENT WORK AND
ECONOMIC GROWTH**



SDG 8 Indicative Priorities

Enhancement

8.A Increase Aid for Trade support for developing countries, in particular least developed countries, including through the Enhanced Integrated Framework for Trade-Related Technical Assistance to Least Developed Countries

8.6 By 2020, substantially reduce the proportion of youth not in employment, education or training

8.4 Improve progressively, through 2030, global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-year framework of programmes on sustainable consumption and production, with developed countries taking the lead

8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products

8.5 By 2030, 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

8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services

8.10 Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all

Indirect

Moderately Direct

Very Direct

Mitigation

8.1 Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries

8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors

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.B By 2020, develop and operationalize a global strategy for youth employment and implement the Global Jobs Pact of the International Labour Organization

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



8 Targets
12 Indicators

Build resilient
infrastructure, promote
sustainable industrialization
and foster innovation



SUSTAINABLE DEVELOPMENT GOAL 9

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



TARGETS	INDICATORS
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	9.1.1 Proportion of the rural population who live within 2 km of an all-season road 9.1.2 Passenger and freight volumes, by mode of transport
9.2 Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries	9.2.1 Manufacturing value added as a proportion of GDP and per capita 9.2.2 Manufacturing employment as a proportion of total employment
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	9.3.1 Proportion of small-scale industries in total industry value added 9.3.2 Proportion of small-scale industries with a loan or line of credit
9.4 By 2030, 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, with all countries taking action in accordance with their respective capabilities	9.4.1 CO2 emission per unit of value added



SUSTAINABLE DEVELOPMENT GOAL 9

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

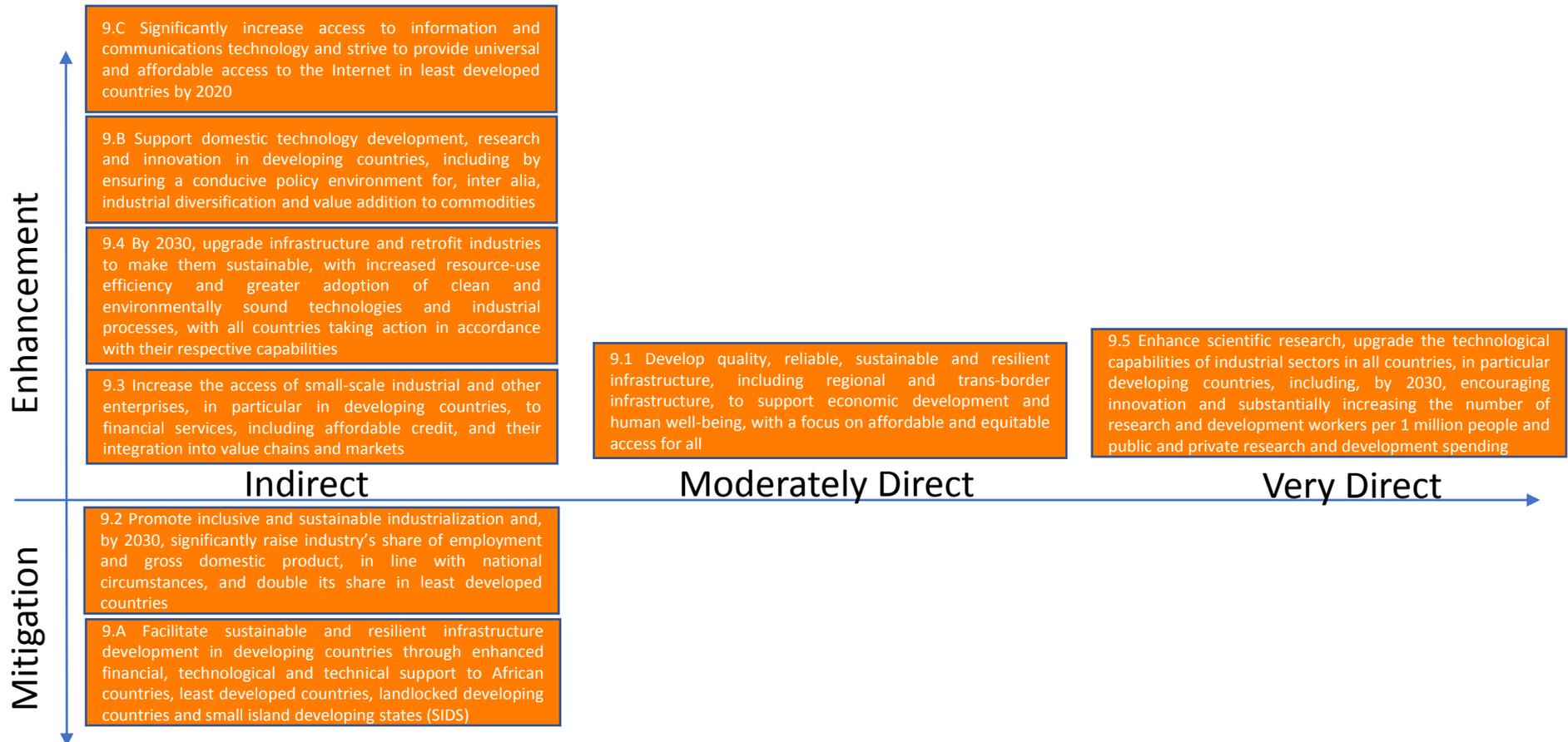


TARGETS	INDICATORS
9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending	9.5.1 Research and development expenditure as a proportion of GDP 9.5.2 Researchers (in full-time equivalent) per million inhabitants
9.A Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States	9.A.1 Total official international support (official development assistance plus other official flows) to infrastructure
9.B Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities	9.B.1 Proportion of medium and high-tech industry value added in total value added
9.C Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020	9.C.1 Proportion of population covered by a mobile network, by technology





SDG 9 Indicative Priorities





Promote just, peaceful and
inclusive societies

12 Targets
23 Indicators

SUSTAINABLE DEVELOPMENT GOAL 16

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



TARGETS

16.1 Significantly reduce all forms of violence and related death rates everywhere

16.2 End abuse, exploitation, trafficking and all forms of violence against and torture of children

16.3 Promote the rule of law at the national and international levels and ensure equal access to justice for all

INDICATORS

16.2.1 Proportion of children aged 1-17 years who experienced any physical punishment and/or psychological aggression by caregivers in the past month

16.2.2 Number of victims of human trafficking per 100,000 population, by sex, age and form of exploitation

16.2.3 Proportion of young women and men aged 18-29 years who experienced sexual violence by age 18

16.3.1 Proportion of victims of violence in the previous 12 months who reported their victimization to competent authorities or other officially recognized conflict resolution mechanisms

16.3.2 Unsentenced detainees as a proportion of overall prison population



SUSTAINABLE DEVELOPMENT GOAL 16

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



TARGETS

16.4 By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery and return of stolen assets and combat all forms of organized crime

16.5 Substantially reduce corruption and bribery in all their forms

16.6 Develop effective, accountable and transparent institutions at all levels

INDICATORS

16.4.1 Total value of inward and outward illicit financial flows (in current United States dollars)

16.4.2 Proportion of seized small arms and light weapons that are recorded and traced, in accordance with international standards and legal instruments

16.5.1 Proportion of persons who had at least one contact with a public official and who paid a bribe to a public official, or were asked for a bribe by those public officials, during the previous 12 months

16.5.2 Proportion of businesses that had at least one contact with a public official and that paid a bribe to a public official, or were asked for a bribe by those public officials during the previous 12 months

16.6.1 Primary government expenditures as a proportion of original approved budget, by sector (or by budget codes or similar)

16.6.2 Proportion of the population satisfied with their last experience of public services



SUSTAINABLE DEVELOPMENT GOAL 16

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



TARGETS

16.7 Ensure responsive, inclusive, participatory and representative decision-making at all levels

16.8 Broaden and strengthen the participation of developing countries in the institutions of global governance

16.9 By 2030, provide legal identity for all, including birth registration

INDICATORS

16.7.1 Proportions of positions (by sex, age, persons with disabilities and population groups) in public institutions (national and local legislatures, public service, and judiciary) compared to national distributions

16.7.2 Proportion of population who believe decision-making is inclusive and responsive, by sex, age, disability and population group

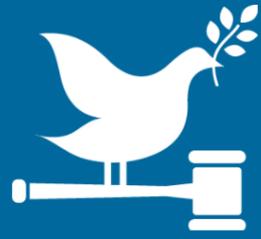
16.8.1 Proportion of members and voting rights of developing countries in international organizations

16.9.1 Proportion of children under 5 years of age whose births have been registered with a civil authority, by age



SUSTAINABLE DEVELOPMENT GOAL 16

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



TARGETS

16.10 Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements

INDICATORS

16.1.1 Number of victims of intentional homicide per 100,000 population, by sex and age

16.1.2 Conflict-related deaths per 100,000 population, by sex, age and cause

16.1.3 Proportion of population subjected to physical, psychological or sexual violence in the previous 12 months

16.1.4 Proportion of population that feel safe walking alone around the area they live

16.10.1 Number of verified cases of killing, kidnapping, enforced disappearance, arbitrary detention and torture of journalists, associated media personnel, trade unionists and human rights advocates in the previous 12 months

16.10.2 Number of countries that adopt and implement constitutional, statutory and/or policy guarantees for public access to information



SUSTAINABLE DEVELOPMENT GOAL 16

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



TARGETS

16.A Strengthen relevant national institutions, including through international cooperation, for building capacity at all levels, in particular in developing countries, to prevent violence and combat terrorism and crime

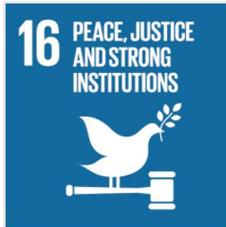
16.B Promote and enforce non-discriminatory laws and policies for sustainable development

INDICATORS

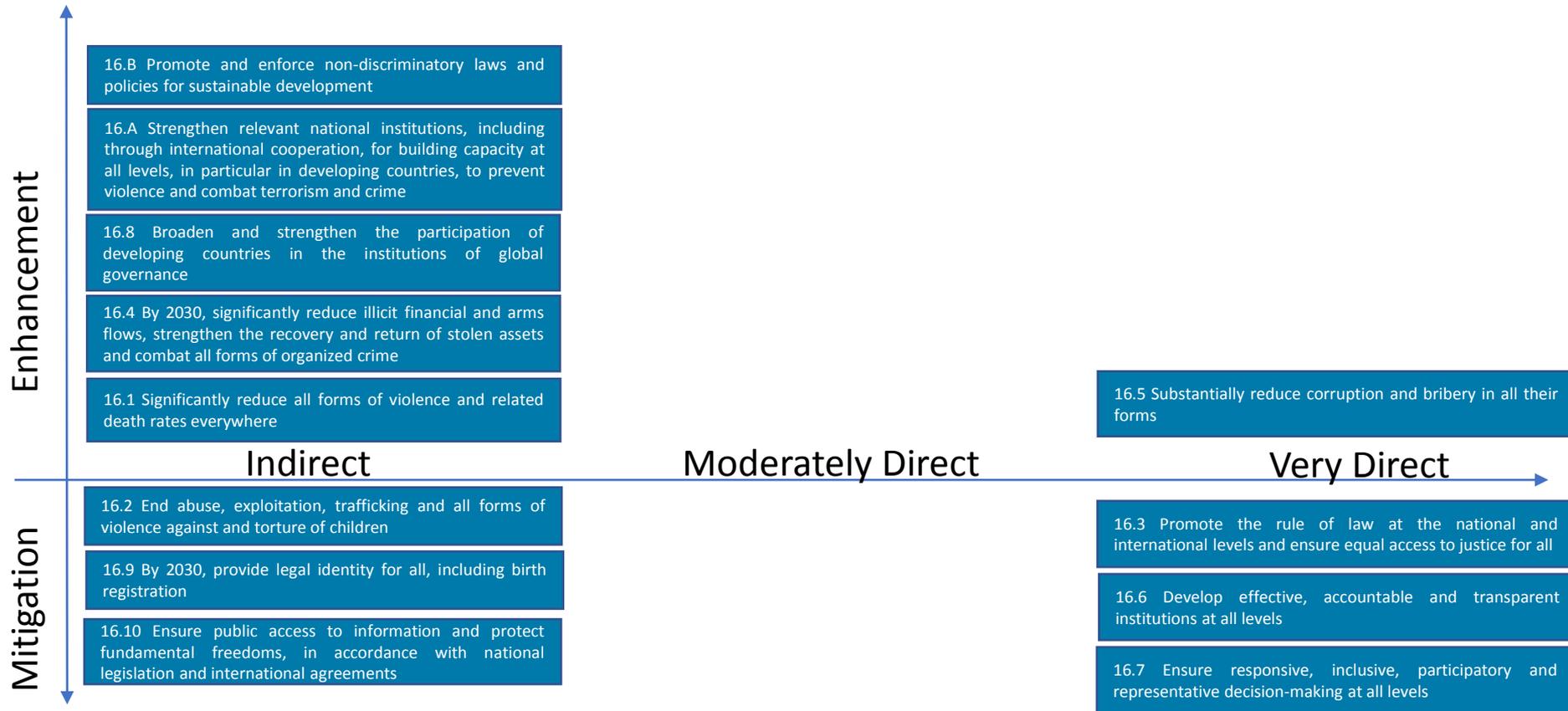
16.A.1 Existence of independent national human rights institutions in compliance with the Paris Principles

16.B.1 Proportion of population reporting having personally felt discriminated against or harassed in the previous 12 months on the basis of a ground of discrimination prohibited under international human rights law





SDG 16 Indicative Priorities



HE Commitment to SDGs

8 DECENT WORK AND ECONOMIC GROWTH



8.10 HE is committed to strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all its staff and students

8.8 HE is committed to protect labour rights and promote safe and secure working environments for all its workers, including migrant workers, in particular women migrants, and those in precarious employment

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



9.5 HE is committed to enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending

16 PEACE, JUSTICE AND STRONG INSTITUTIONS



16.5 HE is committed to substantially reduce corruption and bribery in all their forms

16.3 HE is committed to promote the rule of law at the national and international levels and ensure equal access to justice for all

16.6 HE is committed to develop effective, accountable and transparent institutions at all levels

16.7 HE is committed to ensure responsive, inclusive, participatory and representative decision-making at all levels



Thank You!

