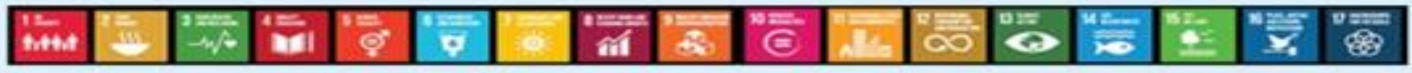


SUSTAINABLE DEVELOPMENT GOALS



SDGs in Higher Education in Malaysia


3 GOOD HEALTH AND WELL-BEING



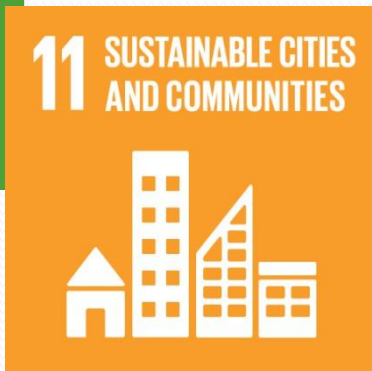
6 CLEAN WATER AND SANITATION



11 SUSTAINABLE CITIES AND COMMUNITIES



NORMALIZA BINTI ABDUL MANAF
CENTRE FOR GLOBAL SUSTAINABILITY STUDIES



integrates all 3 dimensions of sustainable development

- Economic
- Social
- Environmental



2015-2030

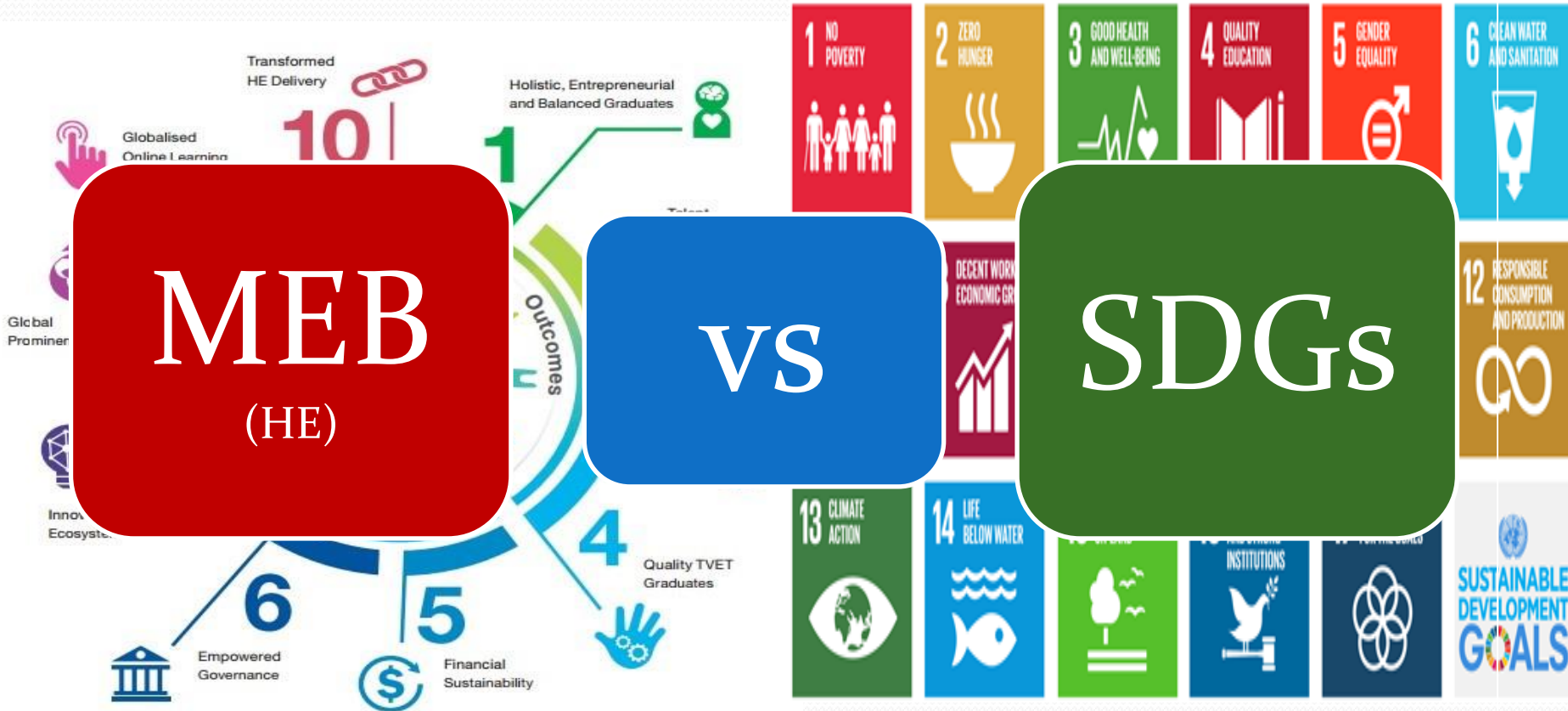
Malaysia Education Blueprint (2015-2025) (Higher Education)



MEB
(HE)

VS

SDGs



3 GOOD HEALTH
AND WELL-BEING



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

13 targets

26 indicators

SDG 1, 2, 5, 6, 10, 11, 16
– ‘Health related’ Indicators
from other SDG Goals
– 17 suggested for reporting



1. reduce the global maternal mortality ratio

- Maternal mortality ratio
- Proportion of births attended by skilled health personnel

2. end preventable deaths of newborns and children under 5 years of age

- Under-five mortality rate
- Neonatal mortality rate

3. end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases

- Number of new HIV infections
- Tuberculosis incidence
- Malaria incidence
- Hepatitis incidence
- Number of people requiring interventions



4. reduce by one third premature mortality

- Mortality rate attributed to cardiovascular disease, cancer, diabetes or chronic respiratory disease
- Suicide mortality rate

5. Strengthen the prevention and treatment of substance abuse

- Coverage of treatment interventions for substance use disorders
- Harmful use of alcohol

6. halve the number of global deaths and injuries from road traffic accidents

- Death rate due to road traffic injuries

7. ensure universal access to sexual and reproductive health-care services

- **Proportion of women of reproductive age**
- **Adolescent birth rate**

8. Achieve universal health coverage

- **Coverage of essential health services**
- **Number of people covered by health insurance or a public health system**

9. substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination

- **Mortality rate attributed to household and ambient air pollution**
- **Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene**
- **Mortality rate attributed to unintentional poisoning**

3 GOOD HEALTH AND WELL-BEING



10. Strengthen the implementation of the WHO Framework on Tobacco Control

- **Age-standardized prevalence of current tobacco use among persons aged 15 years and older**

11. Support the research and development of vaccines and medicines

- **Proportion of the population with access to affordable medicines and vaccines on a sustainable basis**
- **Total net official development assistance to medical research and basic health sectors**

3 GOOD HEALTH AND WELL-BEING



12. Substantially increase health financing

- **Health worker density and distribution**

13. Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks

- **International Health Regulations (IHR) capacity and health emergency preparedness**

9 targets in other goals

- 1.3 Implement nationally appropriate **social protection** systems and measures for all.
- 2.2 End all forms of **malnutrition**, including targets on **stunting and wasting** in children, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons.
- 5.2 Eliminate all forms of **violence against all women and girls** in the public and private spheres.
- 5.6 Ensure universal access to **sexual and reproductive health and reproductive rights**.
- 6.1 Achieve universal and equitable access to **safe and affordable drinking-water** to all
- 6.2 Achieve access to adequate and equitable **sanitation and hygiene** for all and end open defecation.
- 10.2 Empower and promote the **social, economic and political inclusion of all**, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status.
- 11.1 Ensure access for all to adequate, safe and affordable **housing** and basic **services** and upgrade slums.
- 16.9 Provide **legal identity** for all, including birth registration.



GOAL 5

Achieve gender equality and empower all women and girls.



...e food security
...tion and promote
...ue.



GOALS



GOAL 11

Make cities and human settlements inclusive, safe, resilient and sustainable.

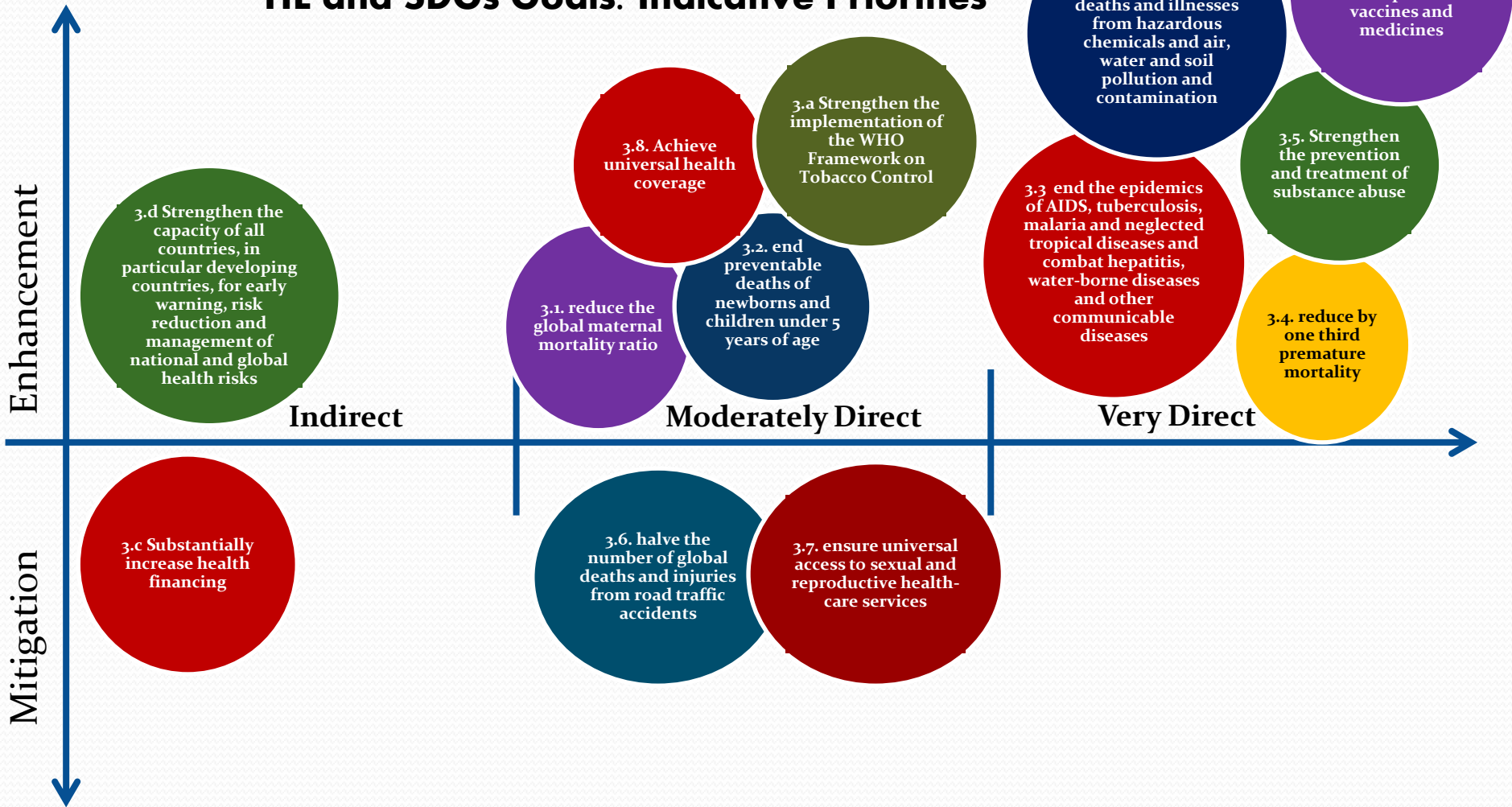
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Ensure healthy lives and promote well-being for all at all ages

HE and SDGs Goals: Indicative Priorities





Ensure availability and sustainable management of water and sanitation for all

- Degree of integrated water resources management implementation
- transboundary basin area

- Change in water-use efficiency over time
- Level of water stress

- Change in the extent of water-related ecosystems over time

6.4
Water use and scarcity

6.5
Integrated resources management

6.6
Water-related ecosystems

- wastewater safely treated
- good ambient water quality

6.3
Wastewater and water quality

6.a and 6.b
Cooperation and participation

- using safely managed drinking water services

6.1
Drinking water

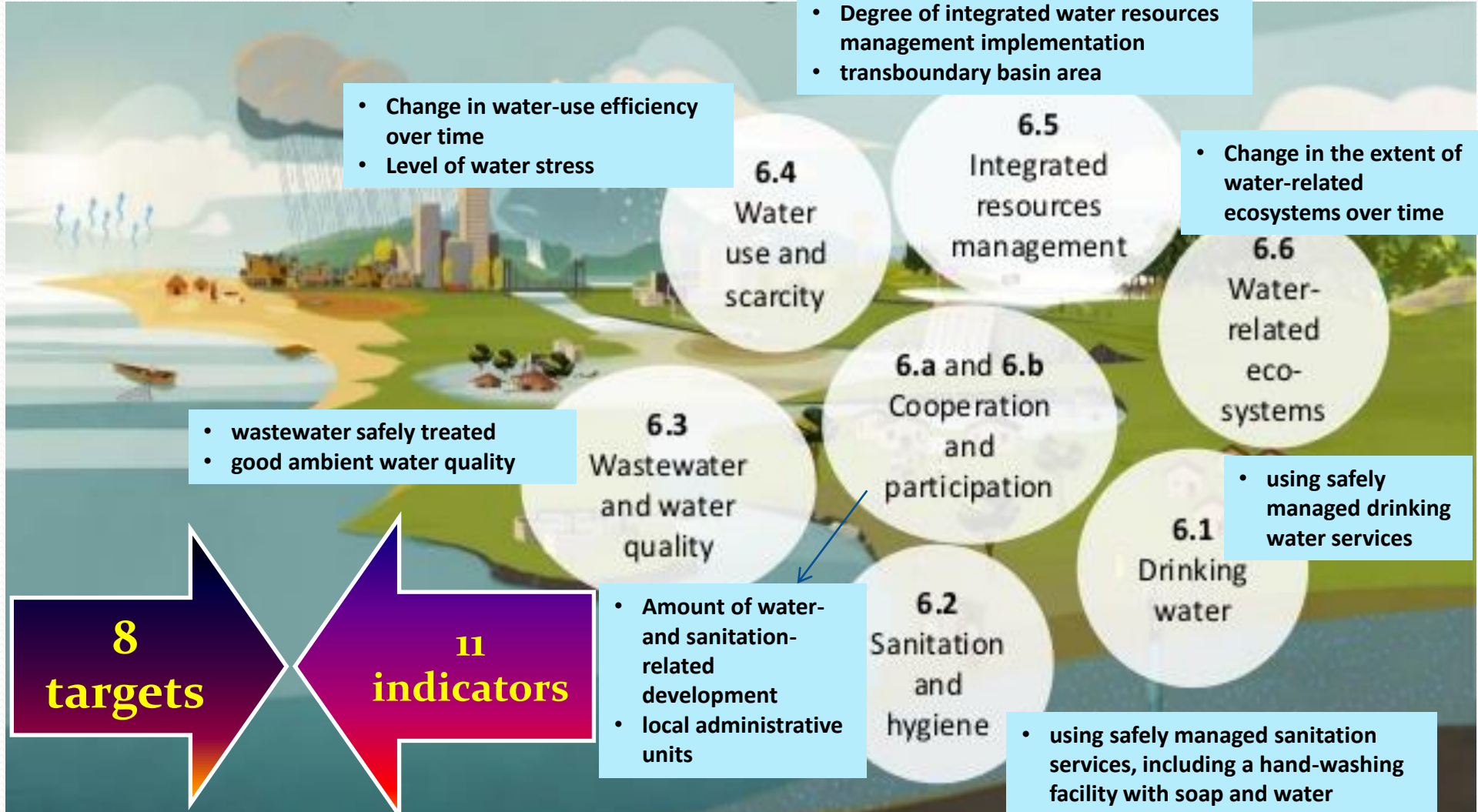
- Amount of water- and sanitation-related development
- local administrative units

6.2
Sanitation and hygiene

- using safely managed sanitation services, including a hand-washing facility with soap and water

8
targets

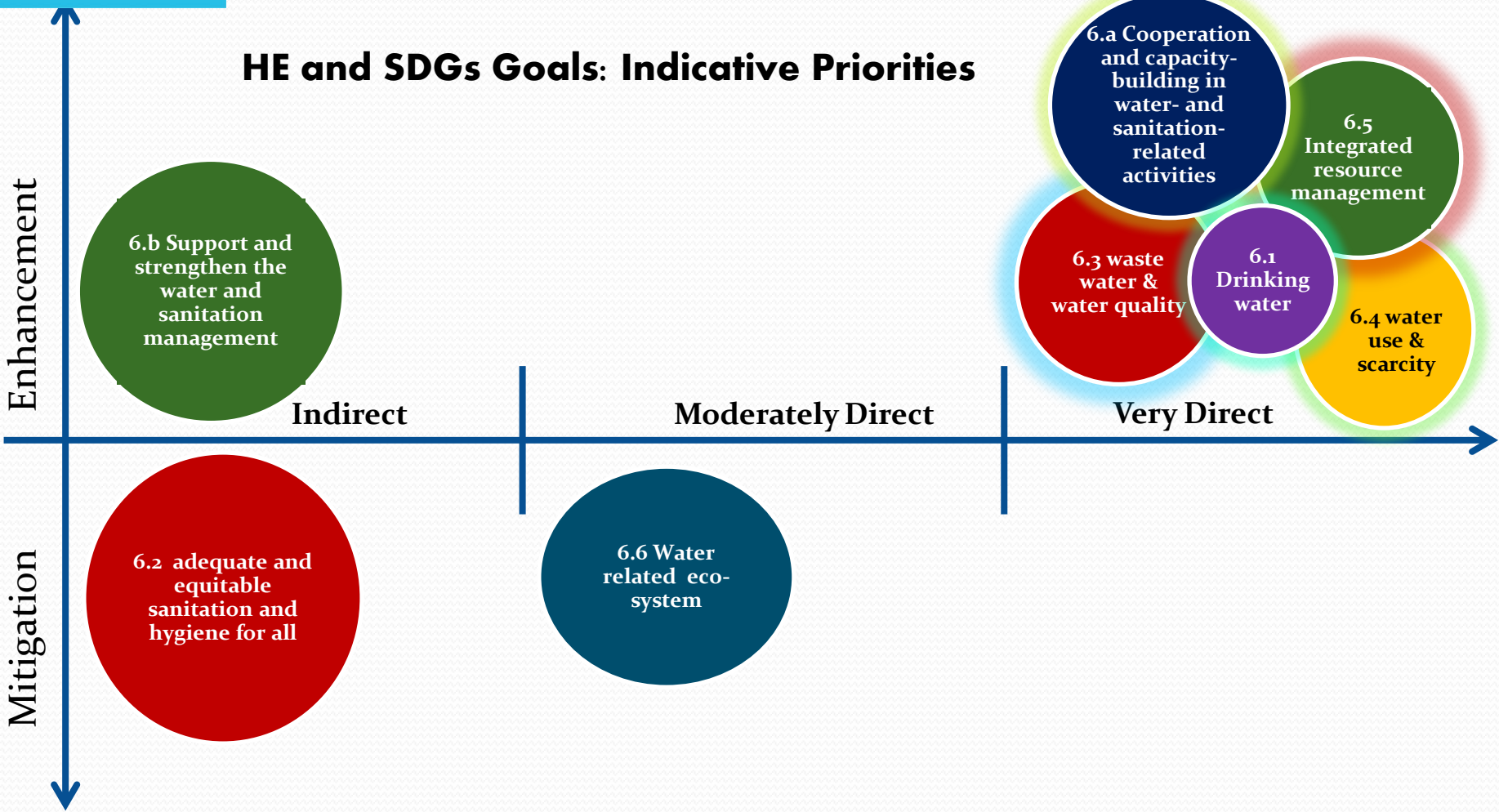
11
indicators





Ensure availability and sustainable management of water and sanitation for all

HE and SDGs Goals: Indicative Priorities





Make cities and human settlements inclusive, safe, resilient and sustainable

10 targets

15 indicators



Make cities and human settlements inclusive, safe, resilient and sustainable

adequate, safe and affordable housing and basic services

- Proportion of urban population living in slums, informal settlements or inadequate housing

provide access to safe, affordable, accessible and sustainable transport systems

- convenient access to public transport, by sex, age and persons with disabilities

inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning

- land consumption rate
- cities with a direct participation structure of civil society

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

- Total expenditure (public and private) per capita spent

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

- Number of deaths, missing persons and persons affected by disaster
- Direct disaster economic loss in relation to global GDP



Make cities and human settlements inclusive, safe, resilient and sustainable

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

- urban solid waste regularly collected
- Annual mean levels of fine particulate matter (e.g. PM_{2.5} and PM₁₀) in cities

provide universal access to safe, inclusive and accessible, green and public spaces

- Average share of the built-up area of cities
- victim of physical or sexual harassment

Support positive economic, social and environmental

- population living in cities that implement urban and regional development plans

increase the number of cities and human settlements

- local governments that adopt and implement local disaster risk reduction strategies
- Number of countries with national and local disaster risk reduction strategies

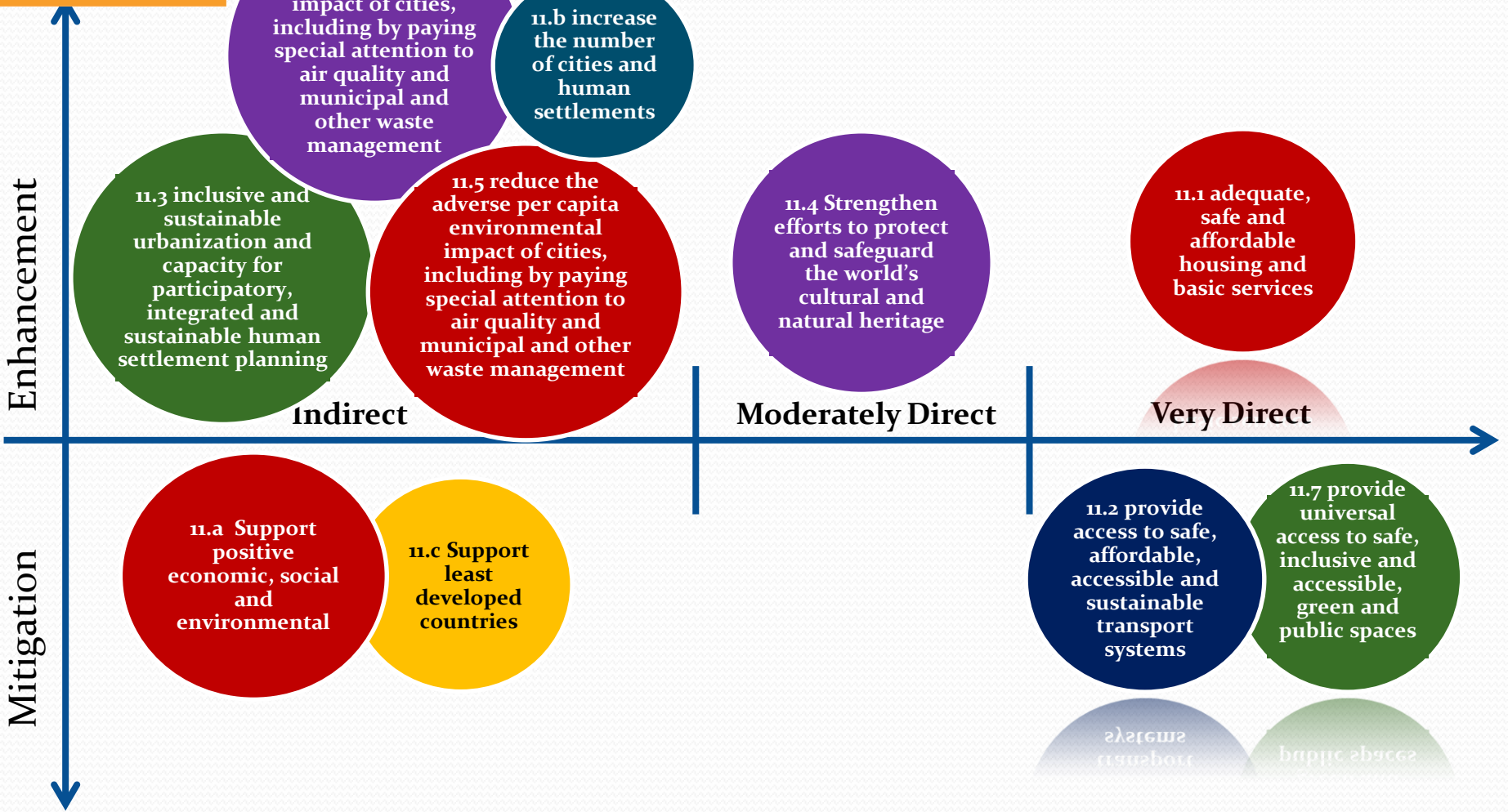
Support least developed countries

- financial support allocated to the construction and retrofitting of sustainable, resilient and resource-efficient buildings utilizing local materials



Make cities and human settlements inclusive, safe, resilient and sustainable

HE and SDGs Goals: Indicative Priorities



HE commitment to SDGs

3 GOOD HEALTH AND WELL-BEING



HE is committed to end the epidemics of AIDS, tuberculosis, malaria in campuses by no new cases among staff & student

HE is committed to reduce premature mortality among staff and student

HE is committed to strengthen the prevention and treatment of substance abuse among staff and student

HE is committed to reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination in campus

HE is committed to support the research and development of vaccines and medicines

6 CLEAN WATER AND SANITATION



HE is committed to achieve universal and equitable access to safe and affordable drinking water for all student & staff

HE is committed to improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials in campuses

HE is committed to expand international cooperation and capacity-building support to other parties in water- and sanitation-related activities

HE is committed to implement integrated water resources management, including through transboundary cooperation through R&D

HE is committed to increase water-use efficiency across campuses and ensure sustainable supply of freshwater

11 SUSTAINABLE CITIES AND COMMUNITIES



HE is committed to ensure access for all students to adequate, safe and affordable housing and basic services

HE is committed to provide access to safe, affordable, accessible and sustainable transport systems for all students, with special attention to persons with disabilities

HE is committed to provide universal access to safe, inclusive and accessible, green and public spaces, in particular for staff and students

Conclusion

Education generally fulfill all the 17 goals of SDGs

EDUCATION PREVENTS INEQUALITY & INJUSTICE

GOALS 5 10 16

Increase in per capita income



A 0.1% improvement in a country's education equality can, over 40 years, raise its per capita income by 23%.⁴



\$1 BILLION

per year is lost by some countries by failing to educate girls at the same level as boys.⁵

Decrease in the risk of war



6 CLEAN WATER AND SANITATION



3 GOOD HEALTH AND WELL-BEING



MEB (HE) by R&D

11 SUSTAINABLE CITIES AND COMMUNITIES



EDUCATION REDUCES INEQUALITY

GOALS

If all children left school with basic reading skills,

171 MILLION

people could be lifted from poverty.¹

12% drop in poverty



EDUCATION DRIVES SUSTAINABLE GROWTH

GOALS 9 11

As a country's inhabitants become better educated, they are more likely to make climate change, human settlements, inclusive, safe, resilient and sustainable.



EDUCATION HELPS US PROTECT THE PLANET

GOALS 7 12 13 14 15

Educated citizens are more inclined to:

- Build and maintain clean energy infrastructures⁷
- Show greater concern about the well-being of the environment
- Use energy and water more efficiently
- Recycle

Increased environmental concern
A study of 29 countries found the percentage of people concerned about the environment increases with education.²



With less than a secondary education



With a secondary education



With a tertiary education

GPE shows how countries can get better results. Simple and useful in other areas.
— United Nations Education, Science and Culture Organization

**THANK
YOU**

The image features the words "THANK YOU" in a bold, 3D sans-serif font. The word "THANK" is positioned on the top line and is rendered in a bright blue color. The word "YOU" is positioned on the bottom line and is rendered in a vibrant green color. Both words have a slight shadow beneath them, giving them a three-dimensional appearance. The text is centered against a plain white background.