

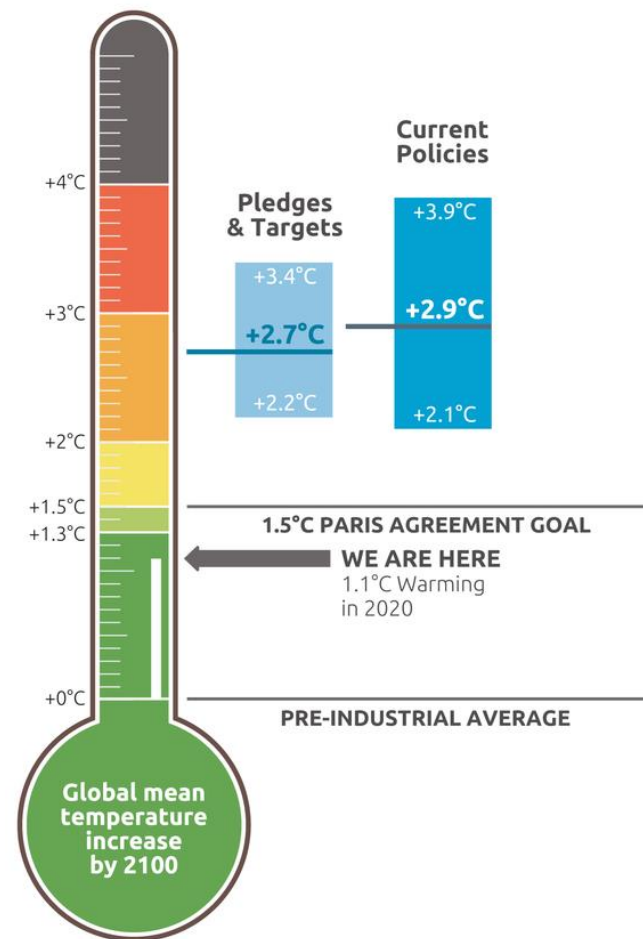


Progress of NDC Implementation in the Asia-Pacific Region

Aneta Nikolova, D. Eng.
Environment Affairs Officer, Environment and Development Division, UNESCAP

UNOSD 3rd Greenhouse Gas Inventory System Training Workshop, 3-4 March 2021

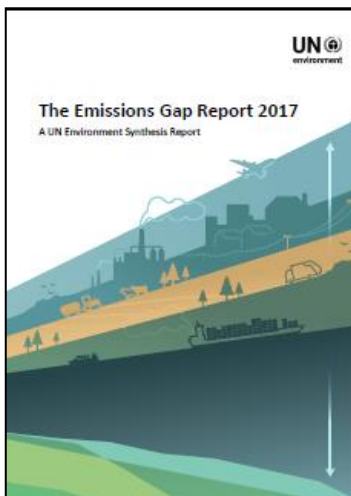
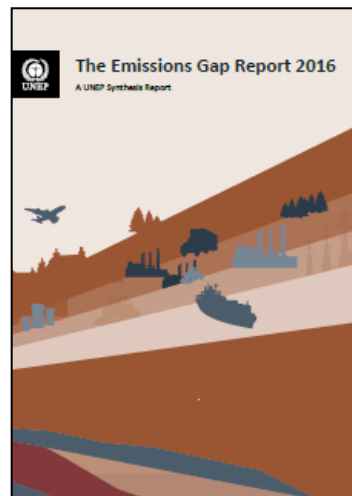
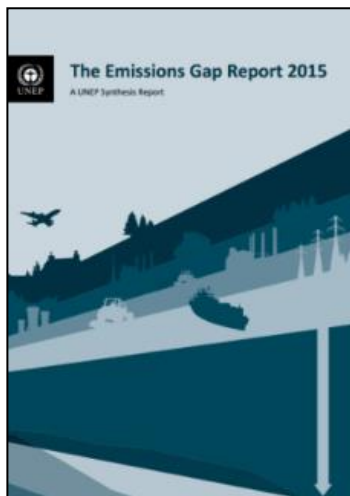
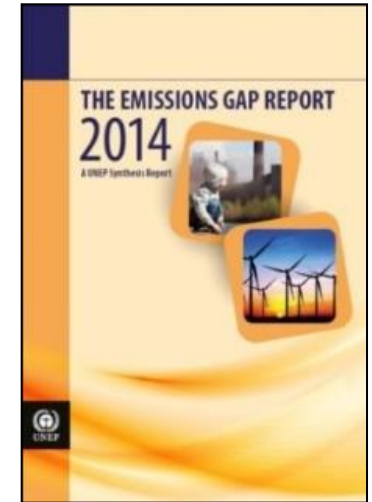
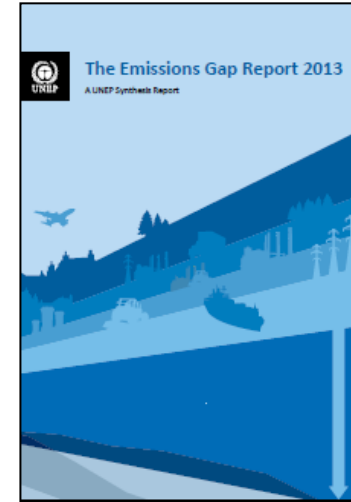
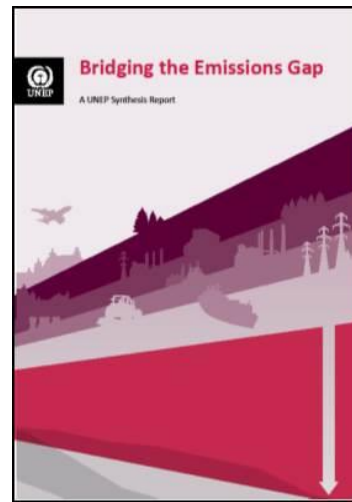
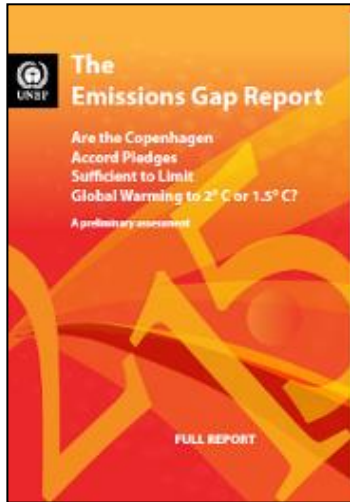
Where are we Globally



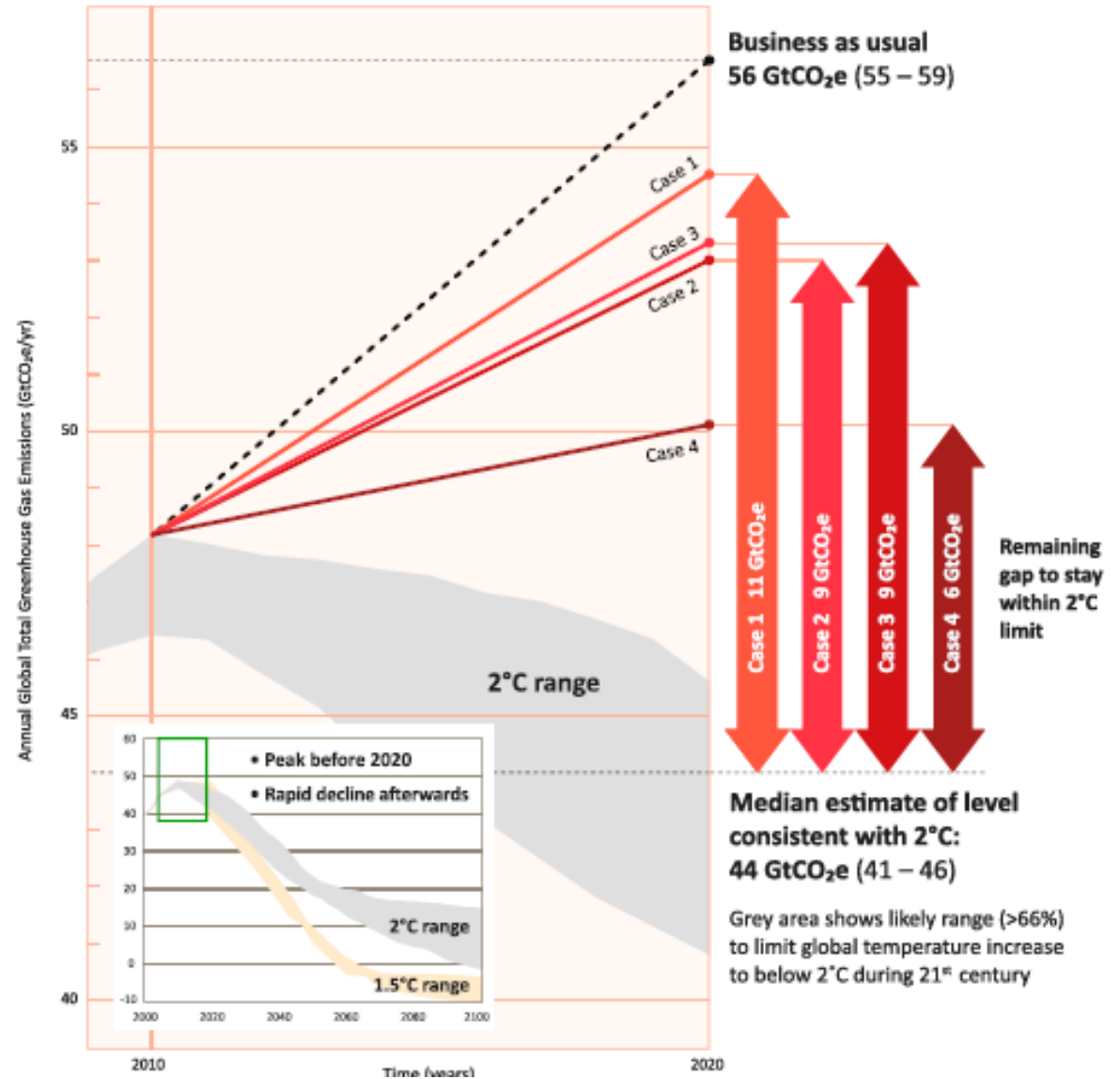
CAT warming projections:
Global temperature increase by 2100

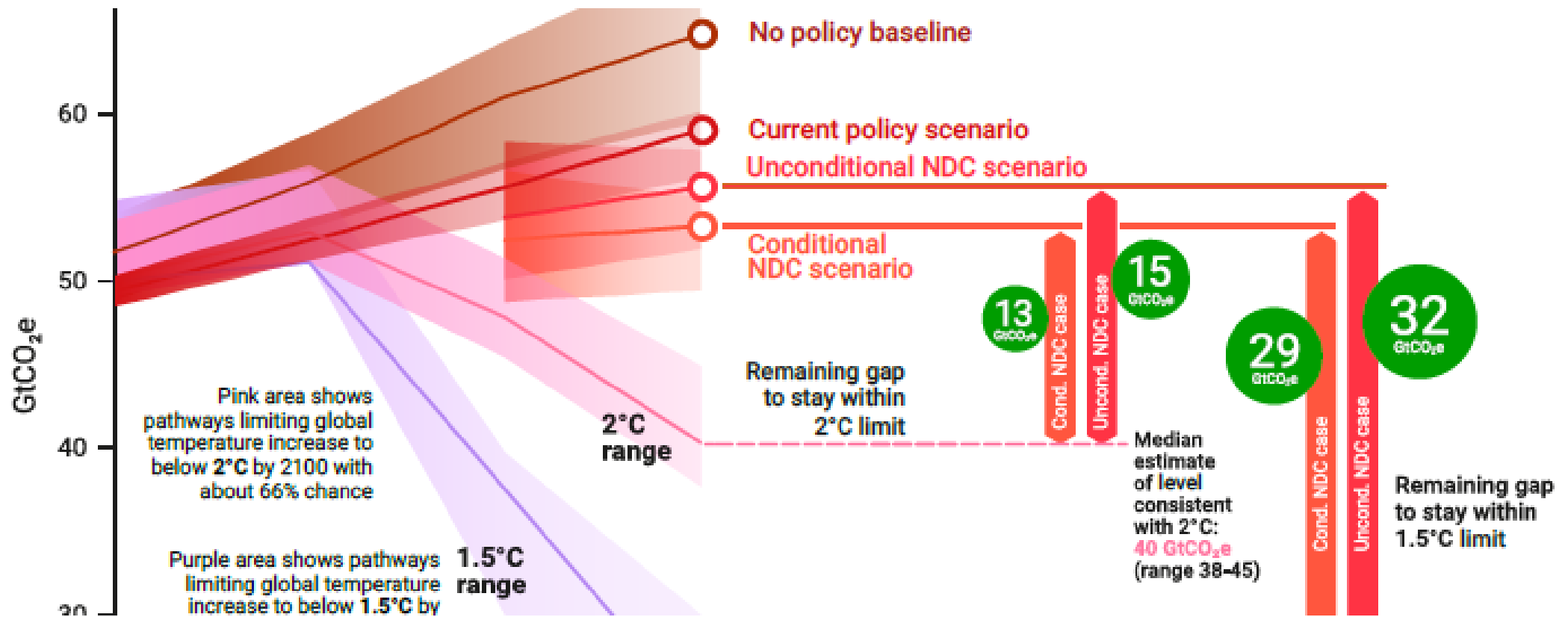
September 2020 Update

UN Environment Emissions Gap Reports

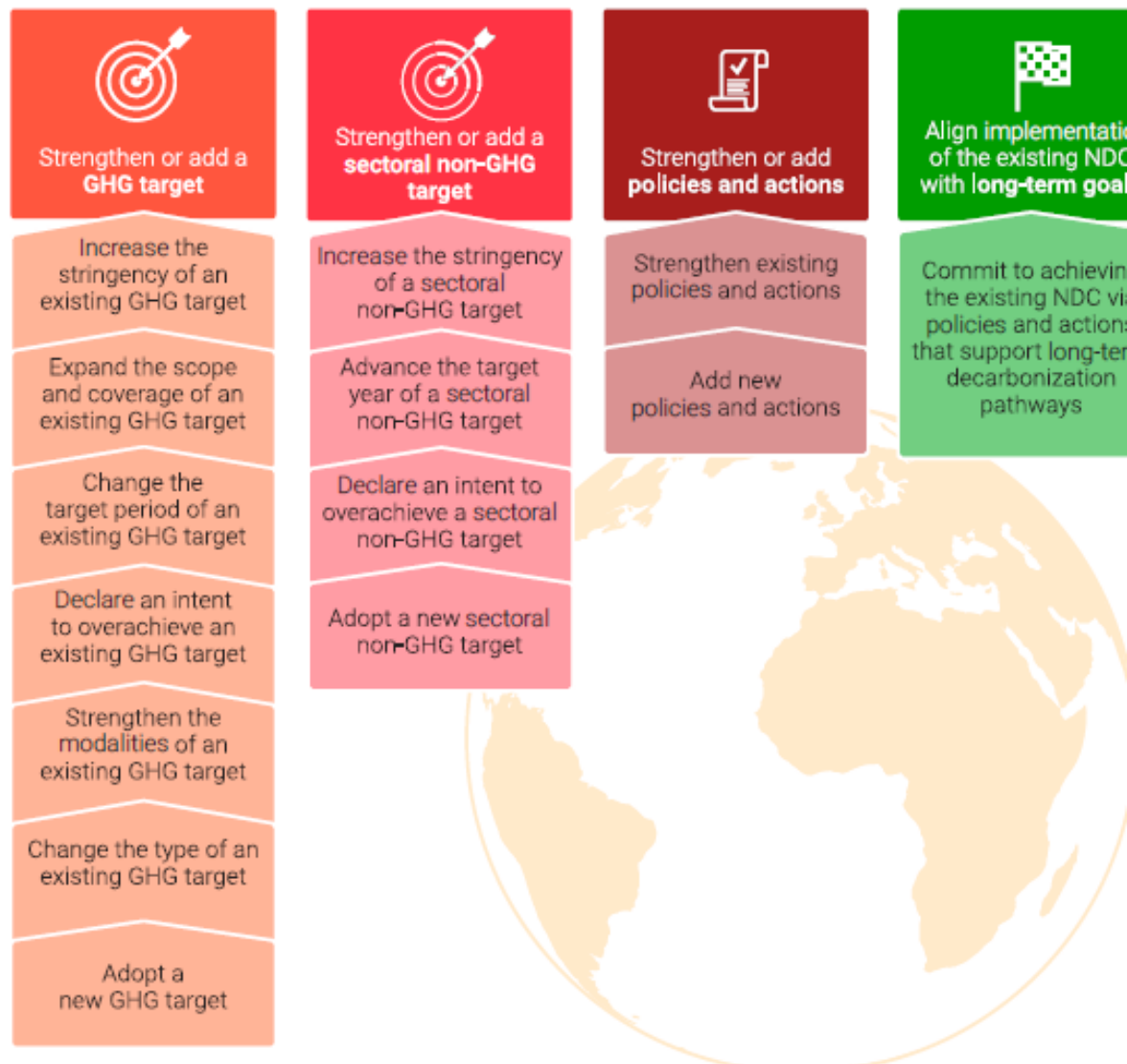


- Emissions gap 2020 against the Copenhagen Accord of 2009 and the Cancun Pledges of 2010.
- Hold the increase in global temperature below 2 degrees Celsius.
- Collectively countries are on a track to meet their Cancun pledges, but these are NOT sufficiently ambitious to establish a path that will get the world to 2030 emission levels consistent with the well below 2°C and 1.5°C goal.





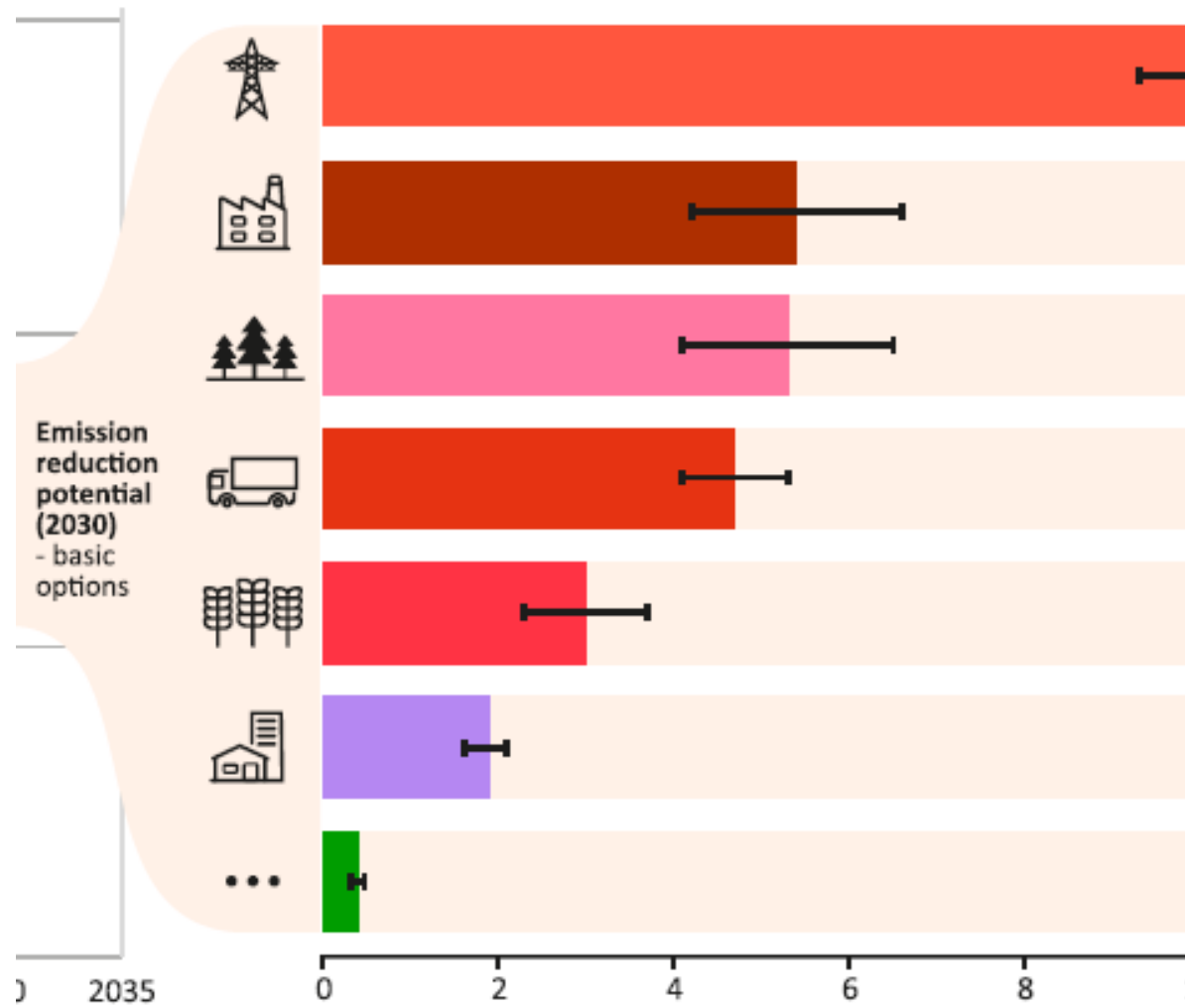
- Emissions gap 2030 against the Paris Agreement.
- Hold the increase in global temperature below 2°C target and 1.5°C target.
- Emissions gap is larger than ever and globally a 7.6 per cent reduction every year from 2020–2030 is necessary to achieve targets.



-
- **Options for enhancing ambition of the NDCs.**
 - **Four areas to work on while updating NDCs.**
 - **GHG target**
 - **Sectoral Non-GHG target**
 - **Policies and actions**
 - **Long-term goals**

s Emissions (GtCO₂e)

Sectoral emission reduction potent

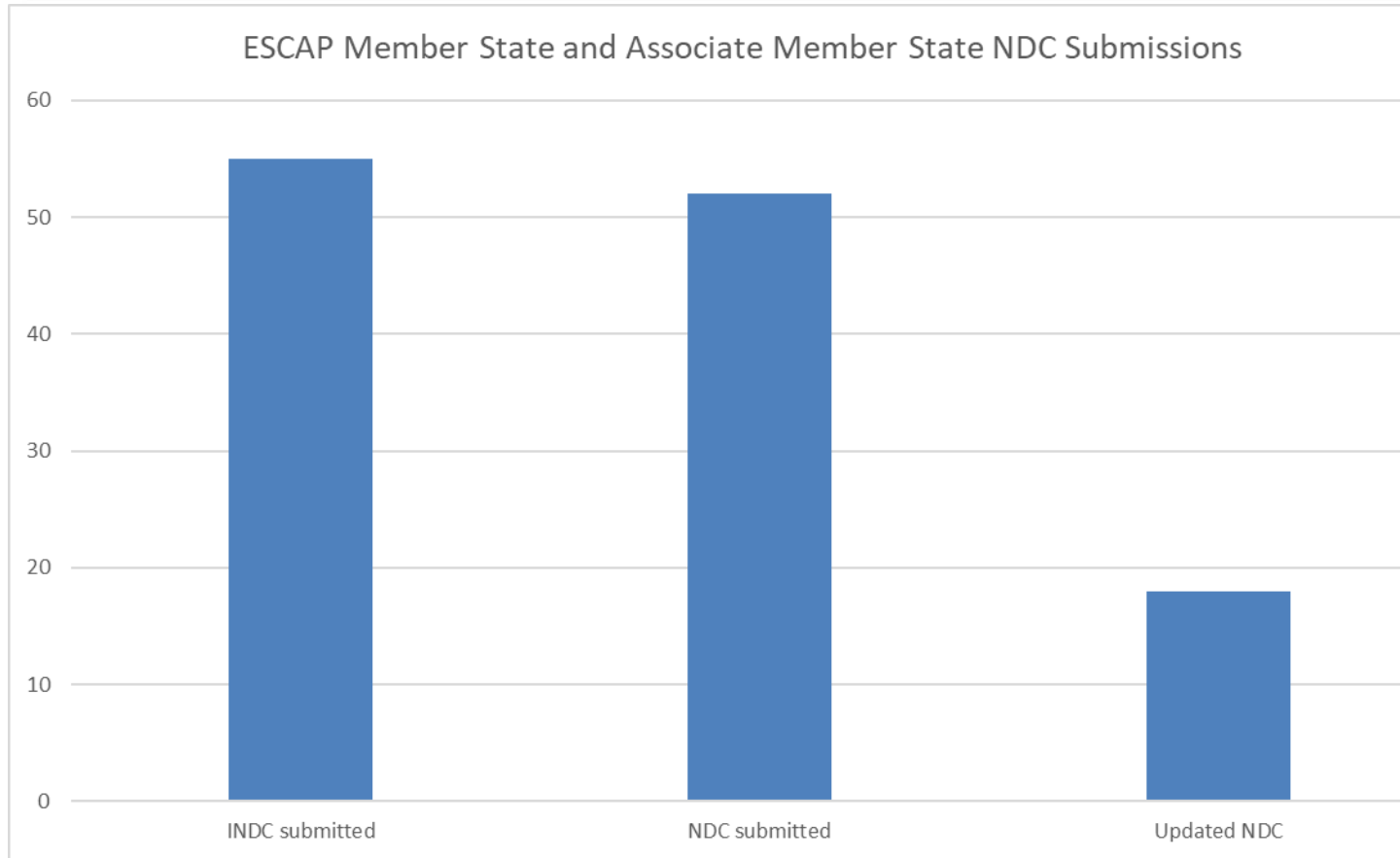


- The gap can still be bridged, but unprecedented and immediate action is required.



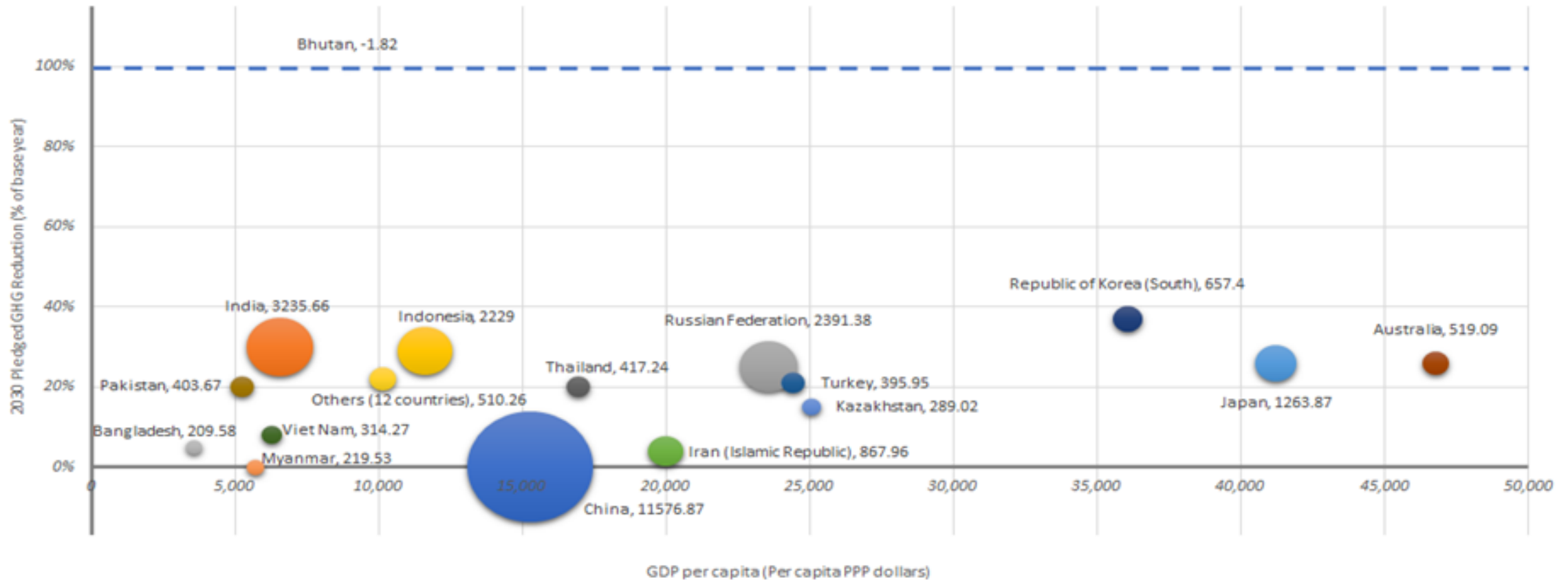
Where is the Asia-Pacific Region?

Status of NDC Submissions in Asia-Pacific

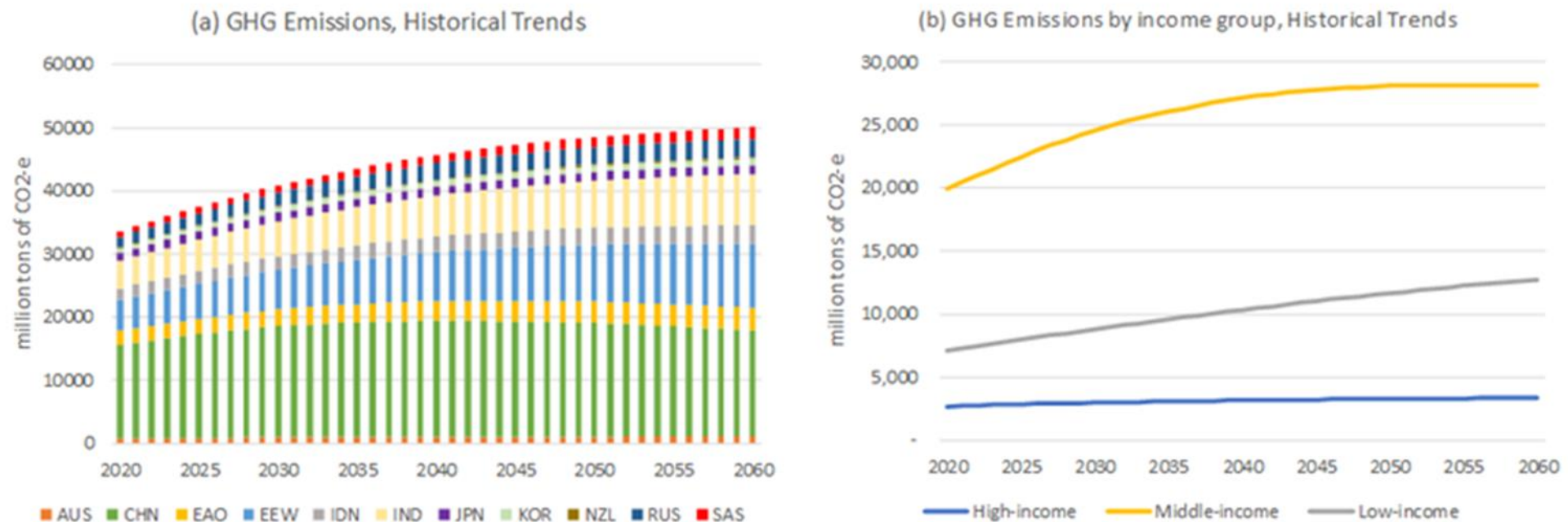


- 55 Countries - INDCs
- 52 countries – NDCs
- 18 countries – updated NDCs

More ambition in NDCs and pledges is needed



Current and projected emissions of Asia-Pacific



Source: SCIRO, 2020

IS ASIA-PACIFIC ON TRACK WITH THE SDGs AND CLIMATE ACTION?

Asia and the Pacific (ESCAP) - Dashboard

GOAL 1

- 1.1 International poverty
- 1.2 National poverty
- 1.3 Social protection
- 1.4 Access to basic services
- 1.4 Resources for poverty programs
- 1.5 Resilience to disasters
- 1.6 Poverty eradication policies

GOAL 2

- 2.1 Undernourishment and food security
- 2.2 Malnutrition
- 2.3 Small-scale food producers
- 2.4 Sustainable agriculture
- 2.4 Investment in agriculture
- 2.5 Genetic resources for agriculture
- 2.6 Agricultural export subsidies
- 2.6 Food price anomalies

GOAL 7

- 7.1 Access to energy services
- 7.4 Int. cooperation on energy
- 7.3 Energy efficiency
- 7.3 Investing in energy infrastructure
- 7.2 Share of renewable energy

GOAL 8

- 8.1 Per capita economic growth
- 8.2 Economic productivity & innovation
- 8.3 Formalization of SMEs
- 8.4 Material resource efficiency
- 8.6 Youth NEET
- 8.10 Access to financial services
- 8.5 Full employment & decent work
- 8.7 Child & forced labour
- 8.8 Labour rights & safe working env.
- 8.9 Sustainable tourism
- 8.10 Aid for Trade
- 8.10 Strategy for youth employment

GOAL 13

- 13.1 Resilience & adaptive capacity
- 13.2 Climate change policies
- 13.3 Climate change awareness
- 13.4 UNFCCC commitments
- 13.5 Climate change planning & mgmt.

GOAL 14

- 14.1 Marine pollution
- 14.5 Conservation of coastal areas
- 14.2 Marine & coastal ecosystems
- 14.3 Ocean acidification
- 14.4 Sustainable fishing
- 14.6 Fisheries subsidies
- 14.7 Marine resources for SIDS & LDCs
- 14.8 Research capacity & marine technology
- 14.9 Small-scale artisanal fishing
- 14.10 Implementing UNCLOS



<https://data.unescap.org/data-analysis/sdg-progress#>



What needs to be done?

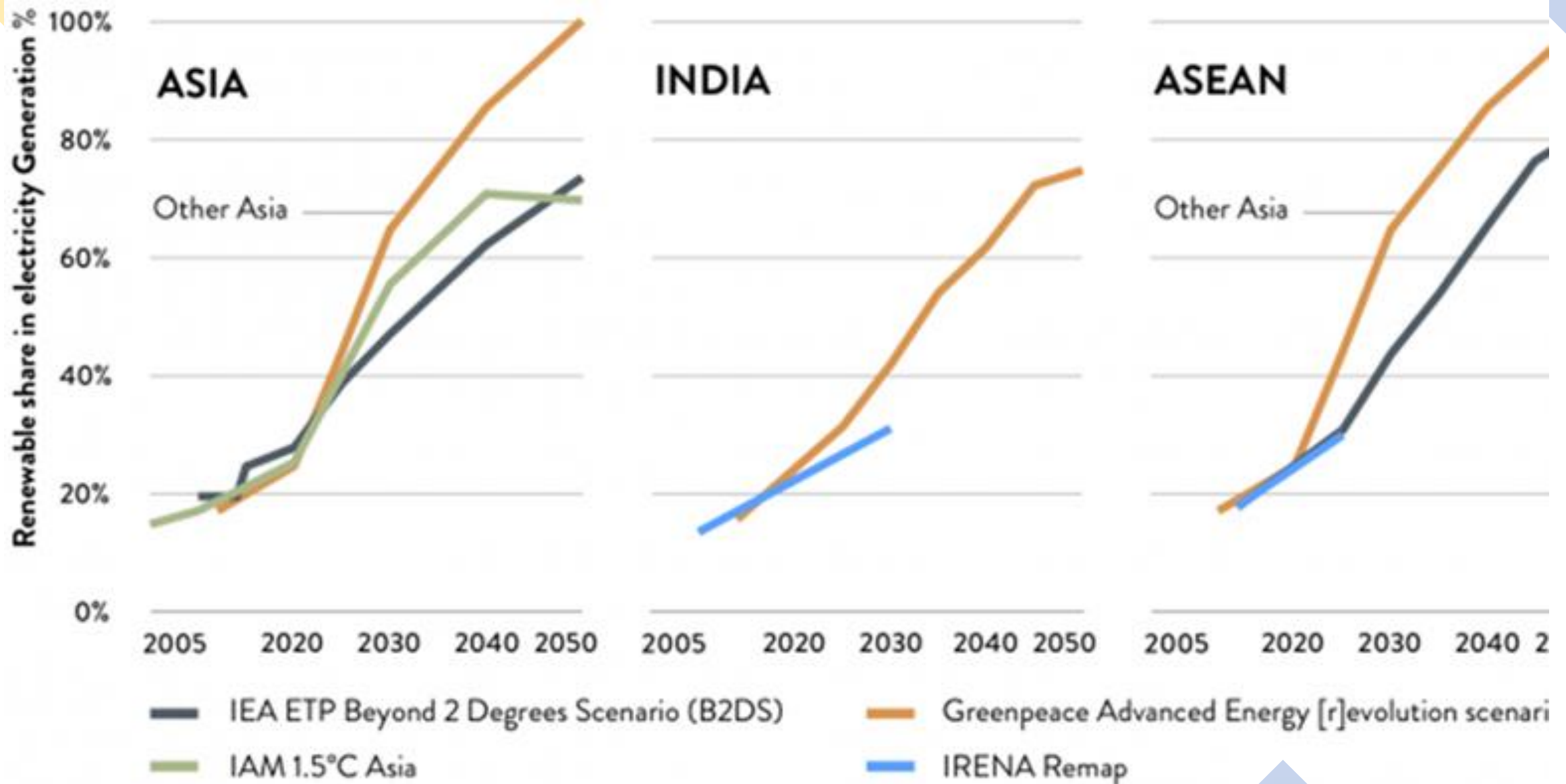


Phase out coal and
end fossil fuels
subsidies



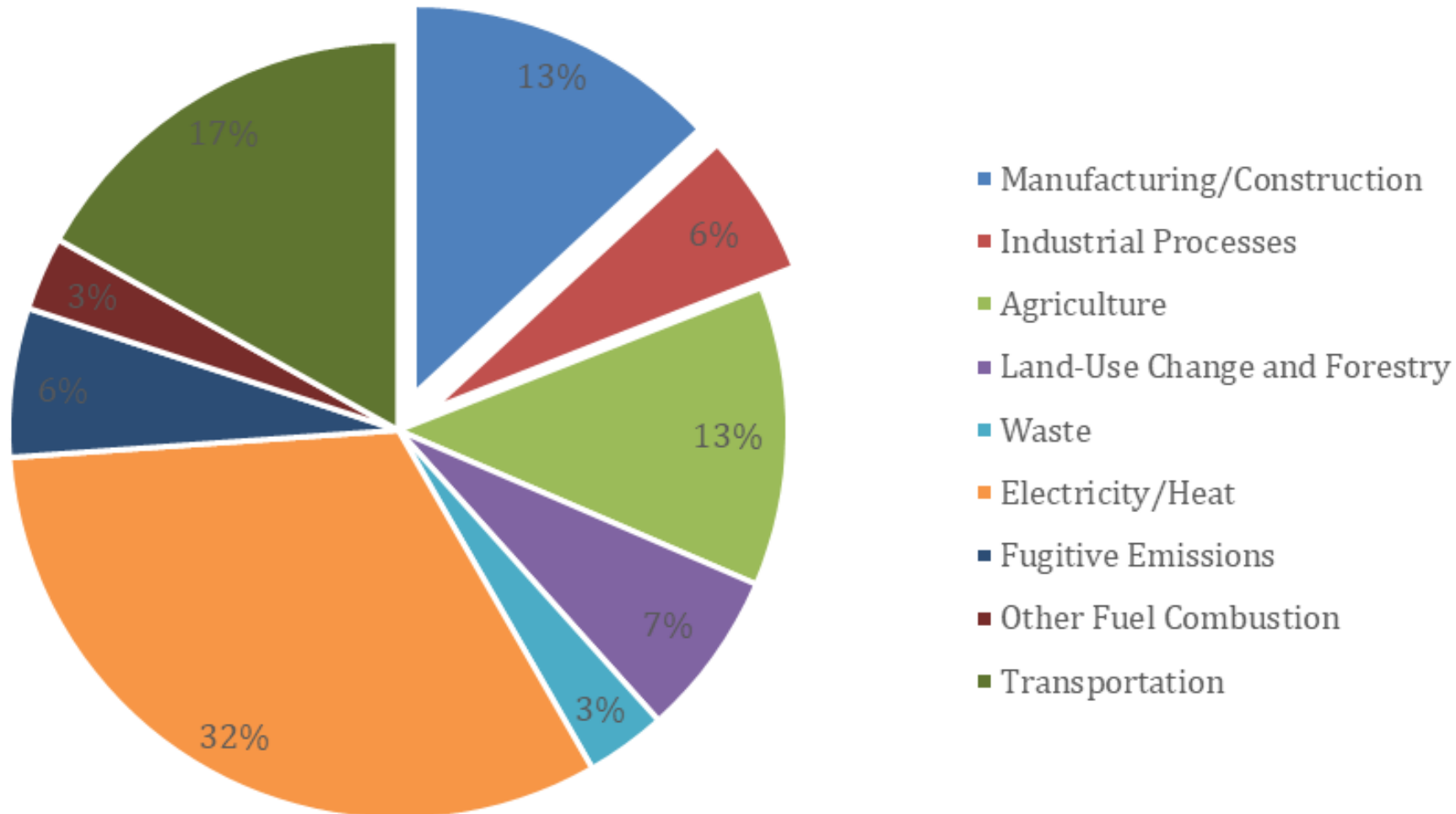
Give a price
to carbon
and enable
carbon
markets

Increase the share of RE in electricity in Asia-Pacific



Improve efficiency of industry and transport

Global GHG Emissions by Sector (2016)



Increase the use of nature-based solutions

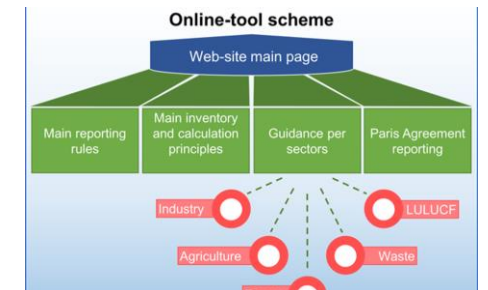
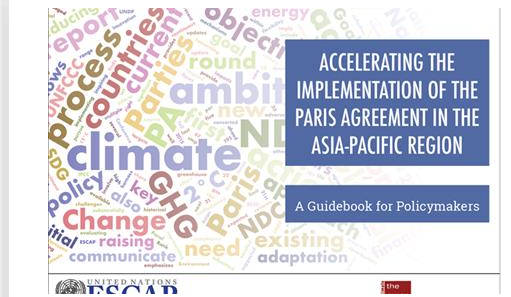
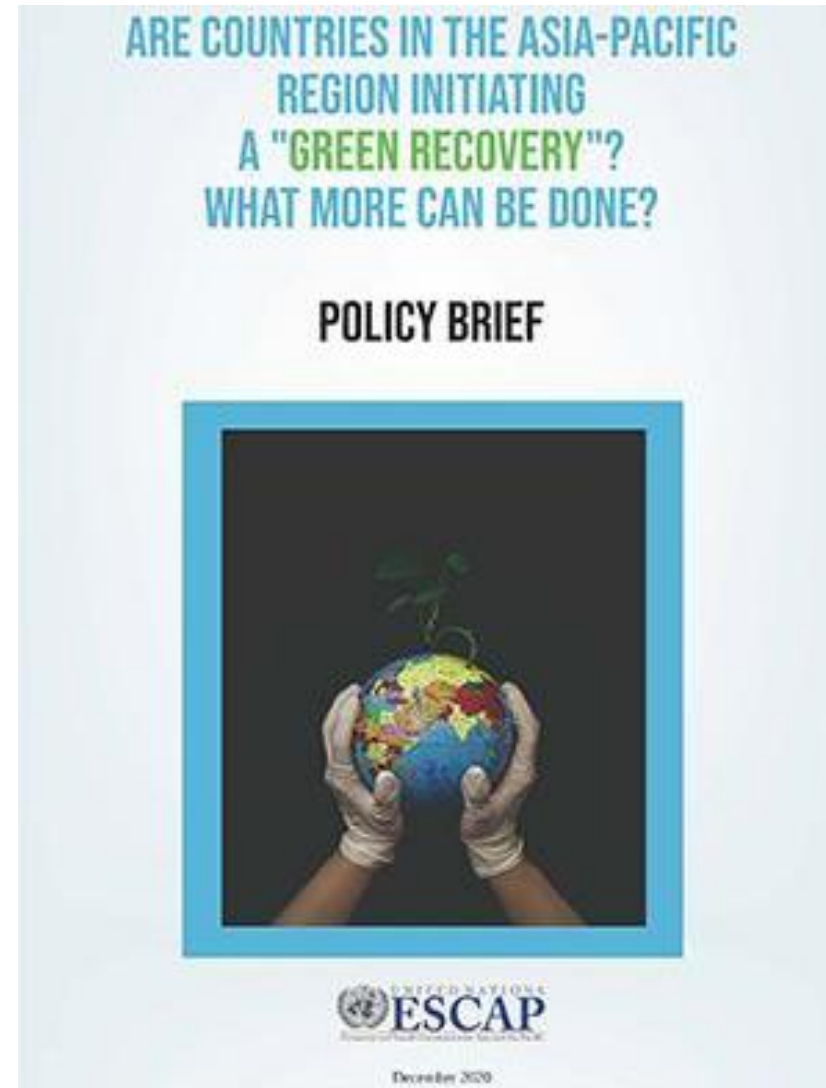


Nature-based solutions have a great potential as a solution for mitigation and adaptation issues

Raising Climate Ambition

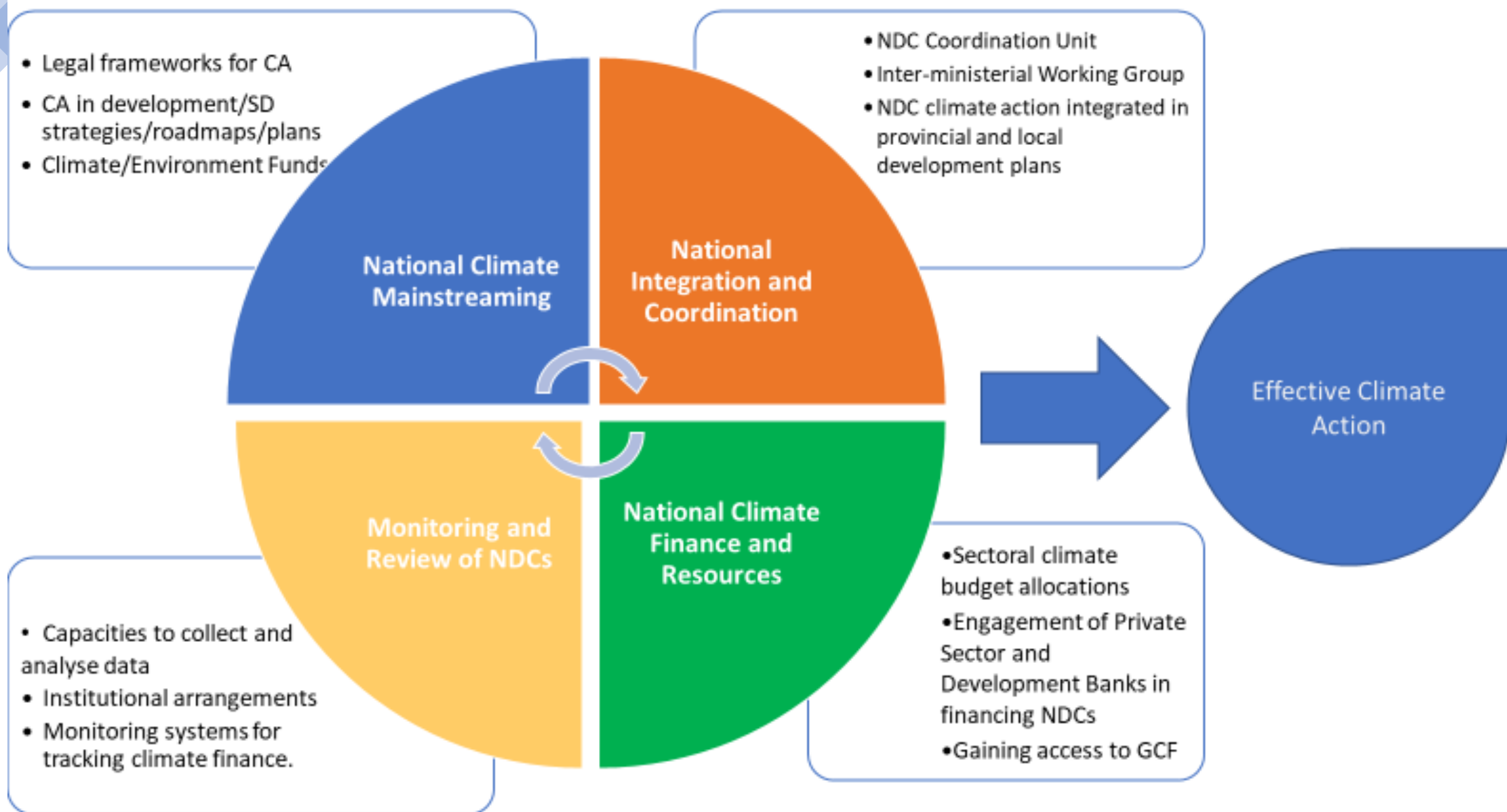
ESCAP has made available several tools and methodologies to support enhancing ambition of the NDCs:

- GHG emissions inventory support tool - <http://escap.igce.ru/>
- COVID-19/NDC policy brief
- Accelerating implementation of the Paris Agreement in the Asia-Pacific region
- Review of progress of NDC implementation in Asia-Pacific: Methodological framework
- En-ROADS and C-ROADs simulators
- Needs assessment of Climate Readiness Programme for six ASEAN countries: Cambodia, Indonesia, Lao PDR, Myanmar, the Philippines and Viet Nam

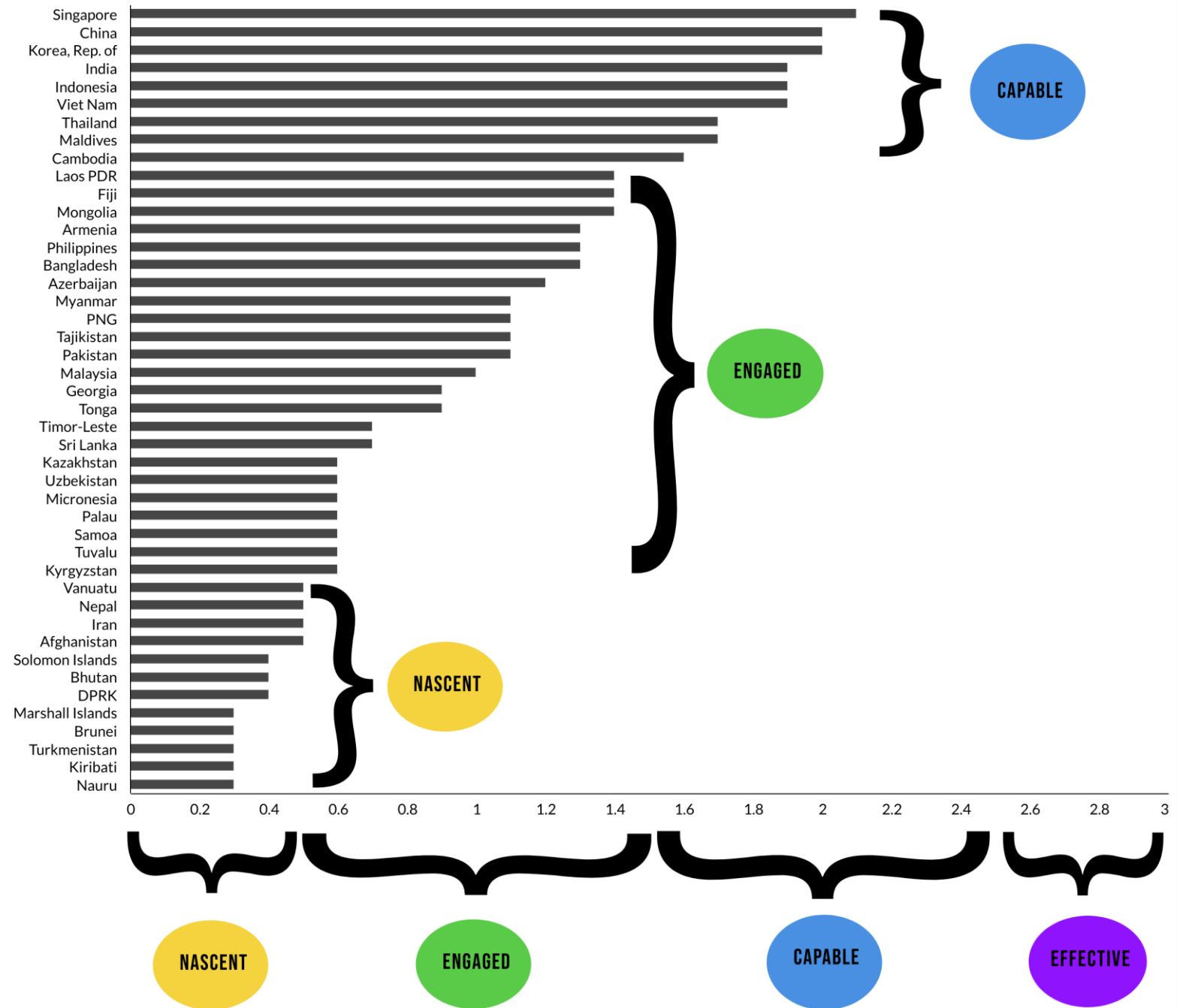




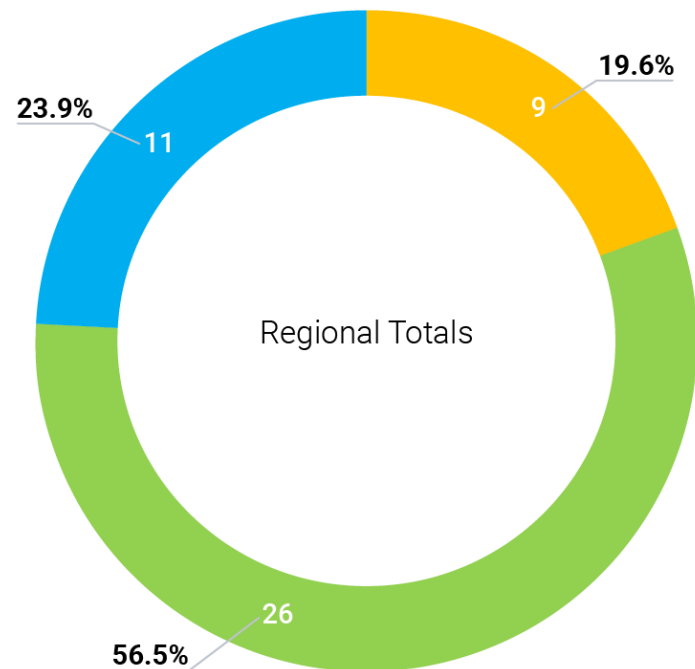
Enabling Conditions Supporting Climate Action/NDCs



- Regional assessment and scoring of level of readiness of enabling factors to support NDCs



Regional and subregional level of readiness on mainstreaming NDCs



Nascent



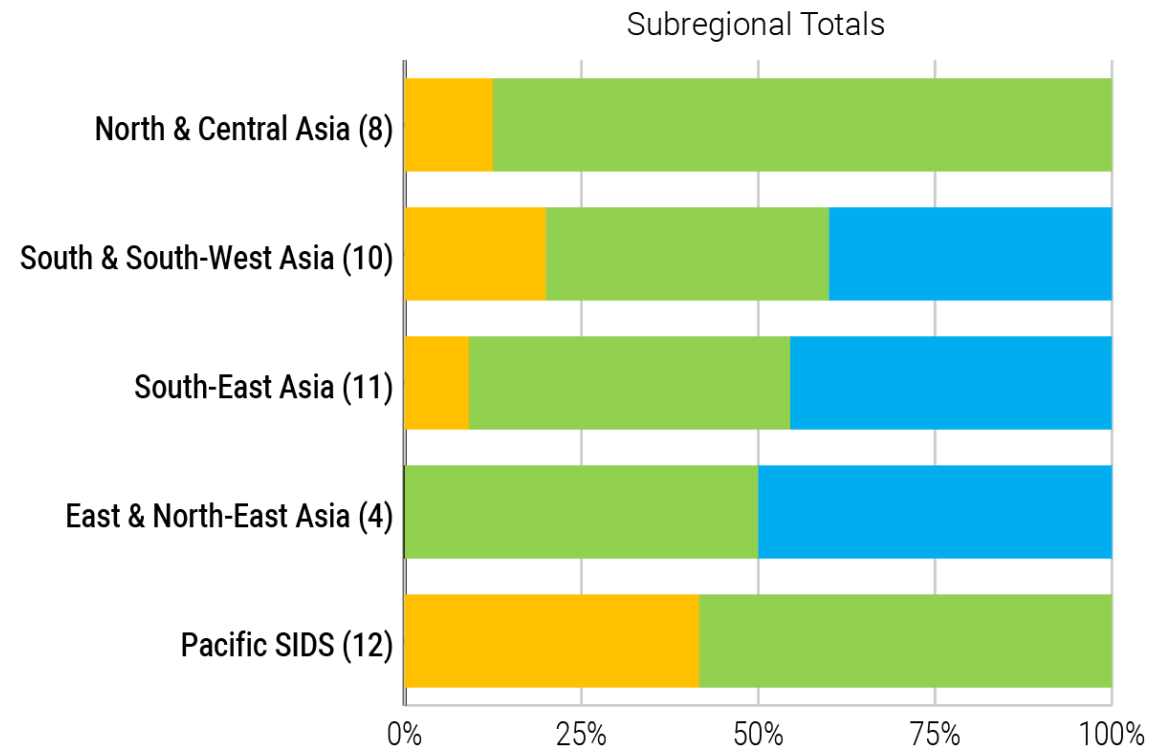
Engaged



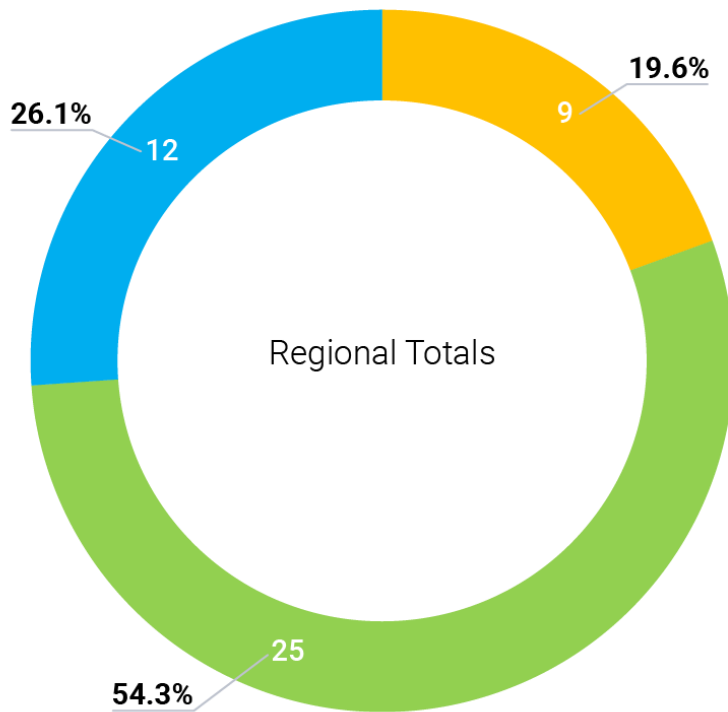
Capable



Effective



Regional and subregional level of readiness on coordinating NDCs



Nascent



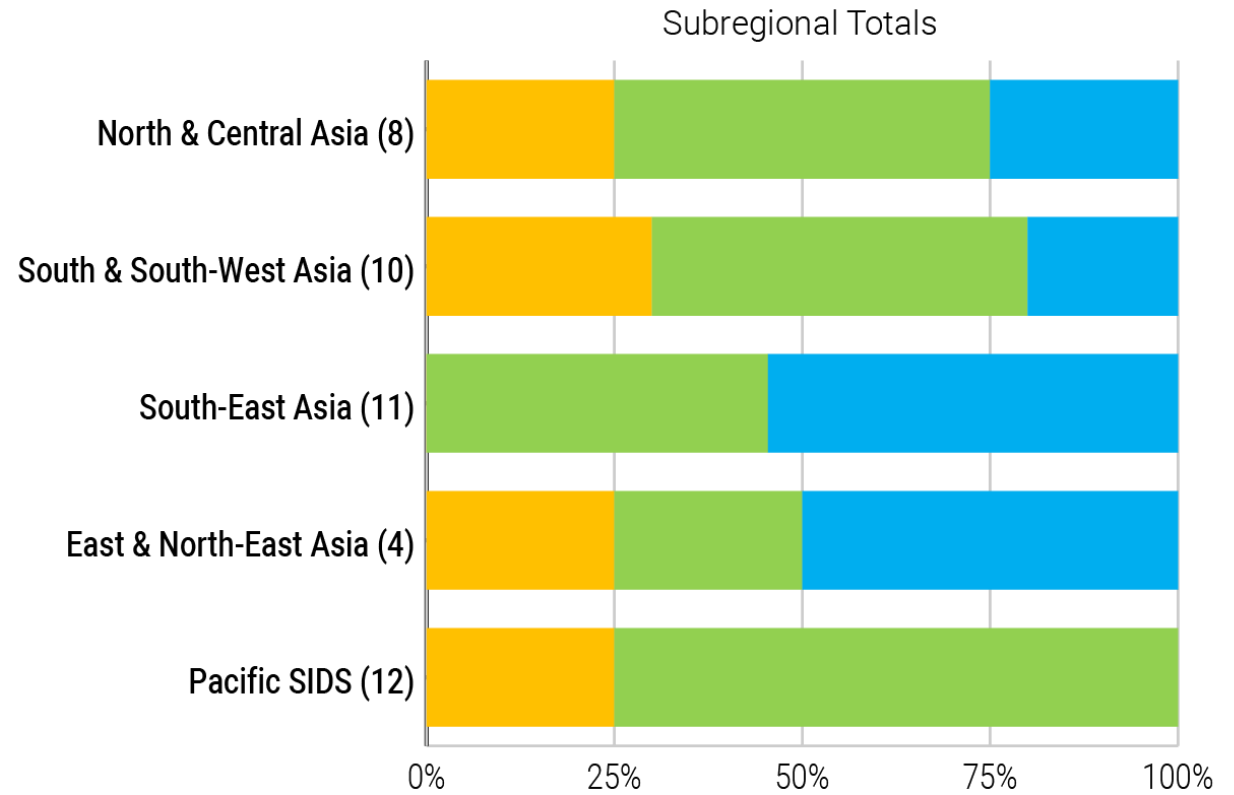
Engaged



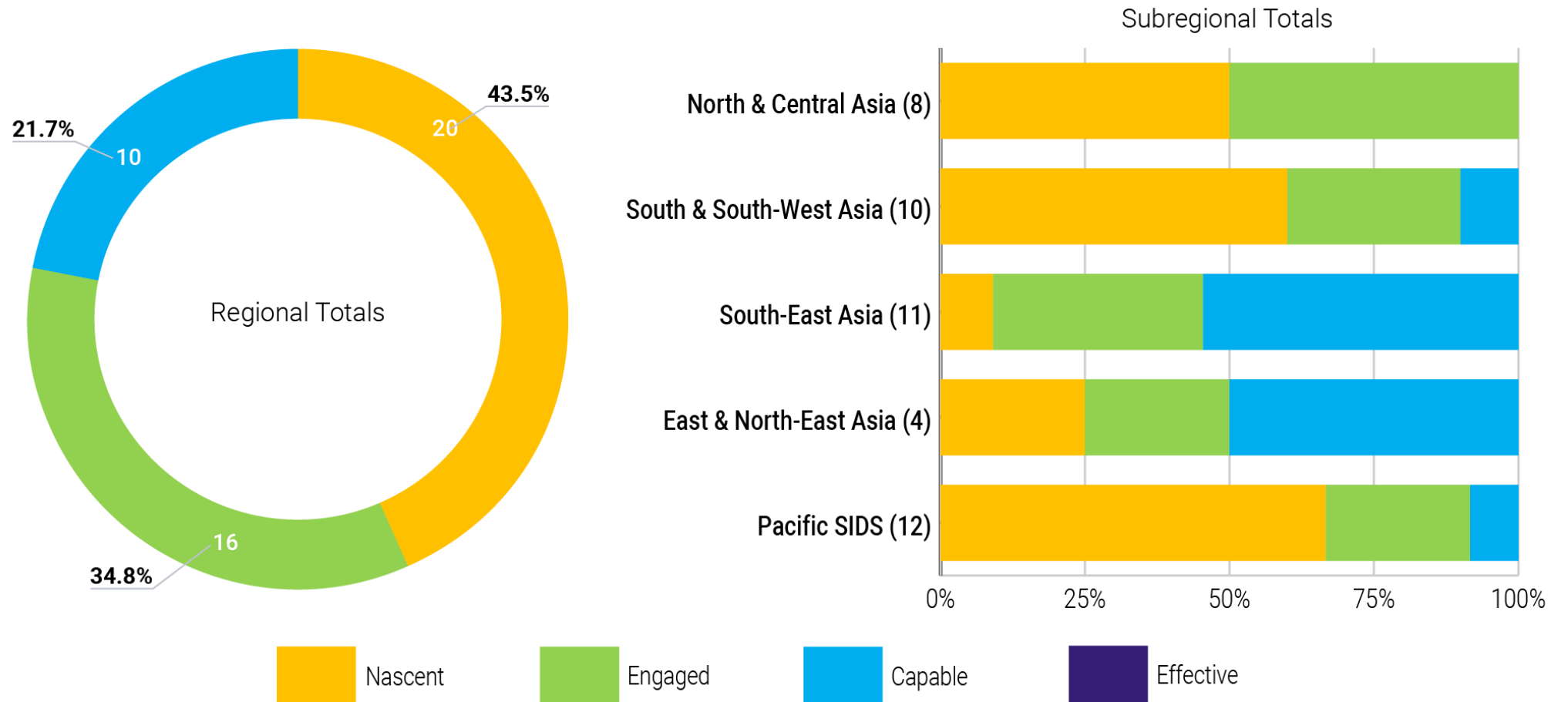
Capable



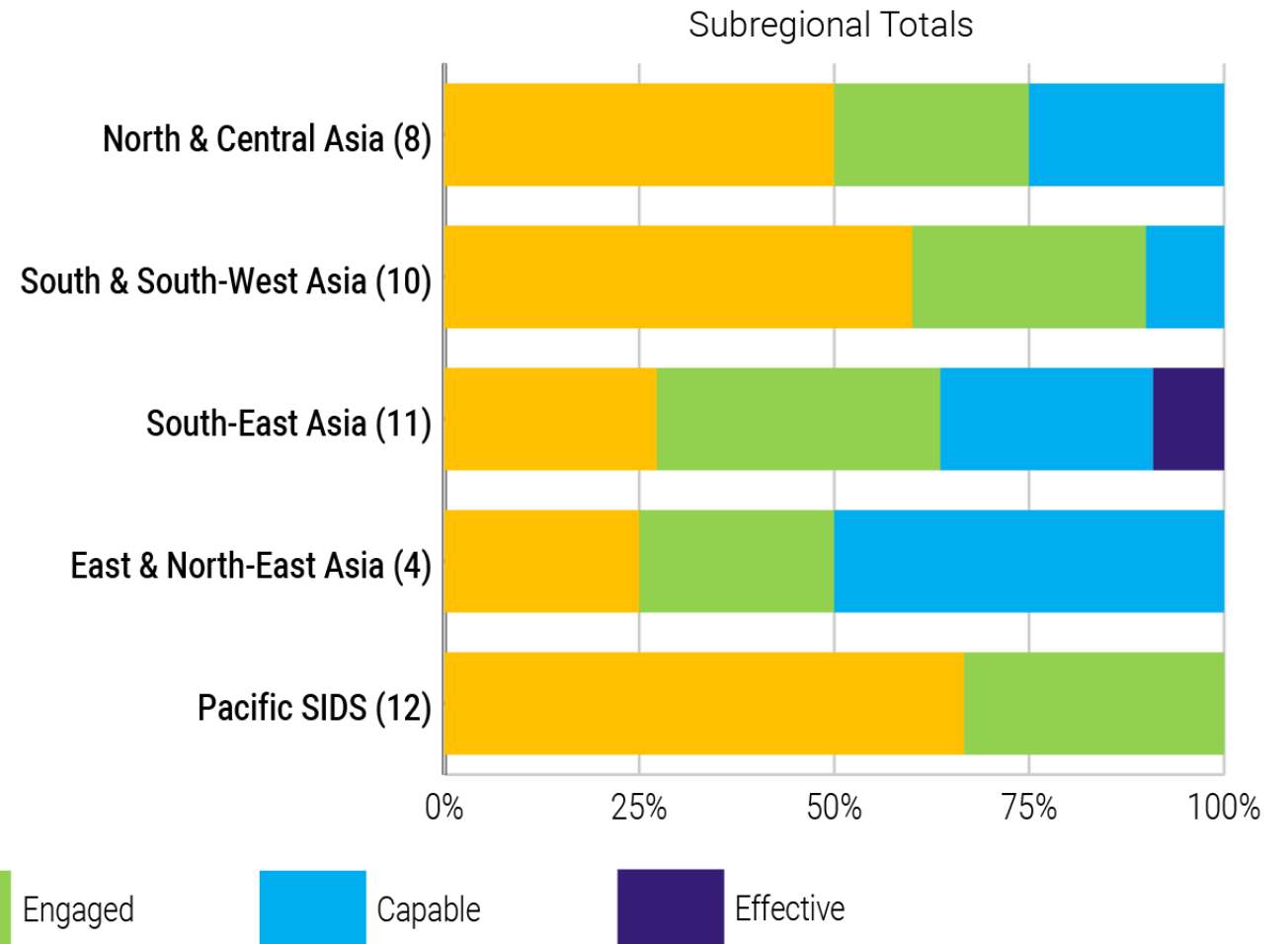
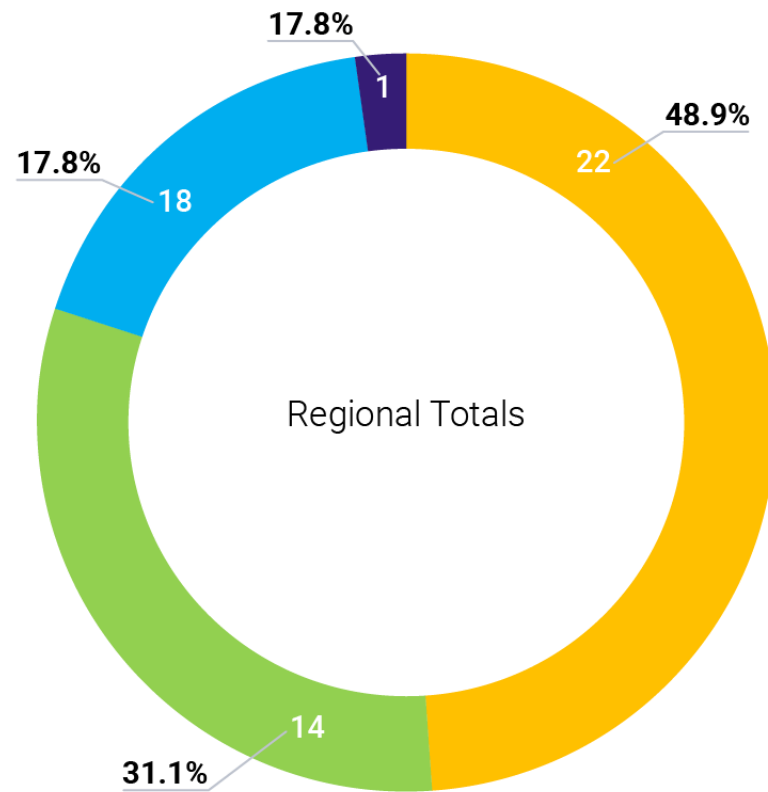
Effective



Regional and subregional level of readiness on financing NDCs



Regional and subregional level of readiness on monitoring NDCs





On-line Tool Supporting GHG Emissions Inventories



Поддержка стран в азиатско-тихоокеанском регионе для выполнения обязательств по Парижскому соглашению

Методические рекомендации по расчетам эмиссии парниковых газов и подготовке отчетности для стран Центральной Азии, с учетом Парижского Соглашения

Сайт и материалы находятся в разработке

Основные правила отчетности

Общие принципы оценки выбросов

Методические рекомендации по секторам

Отчётность по Парижскому соглашению



Supporting countries in the Asia-Pacific region to fulfill their commitments under the Paris Agreement

Methodological recommendations on the calculation of greenhouse gas emissions and preparation of reports for the countries of Central Asia, taking into account the Paris Agreement

Site and materials are under construction

Basic reporting rules

General principles for estimating emissions

Guidelines by sector

Reporting under the Paris Agreement



Let's Raise Climate Ambition
Together!

Thank you