

SDG7 Status and Progress in Asia and the Pacific

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SDG7: Ensure access to affordable, reliable, sustainable and modern

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

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

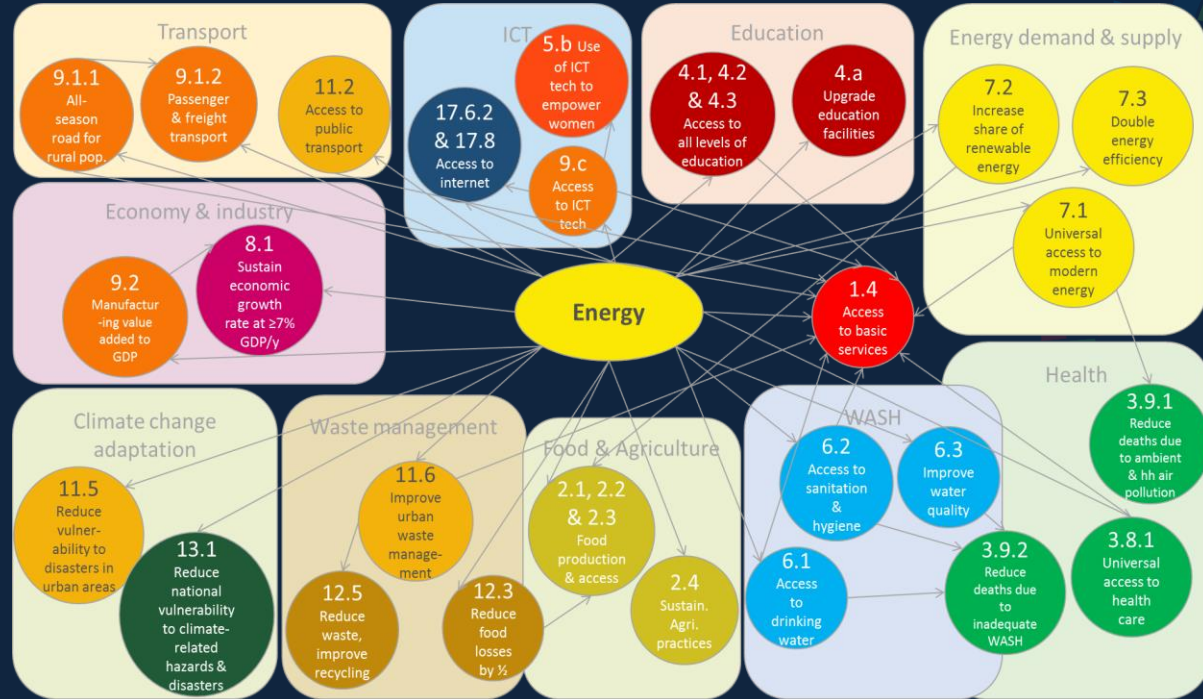
By **2030**, double the global rate of **improvement in energy efficiency**

Energy is an indispensable enabler for Sustainable Development

- **Economic development** (E.g.: Energy is one of the most important cost factors for the manufacturing industry)
- **Water** (e.g.: Water treatment and desalination are very energy intensive processes)
- **Education** (e.g.: studies show that children spend more time studying in households with electricity than in those without)
- **Health** (e.g.: indoor and outdoor air pollution)
- **Climate Change Mitigation** (e.g.: energy production and use account for two-thirds of the world's greenhouse-gas emissions)

SDG7 Interlinkages

- Energy is the key enabler for SDGs
- Interlinkages will influence both energy demand and supply



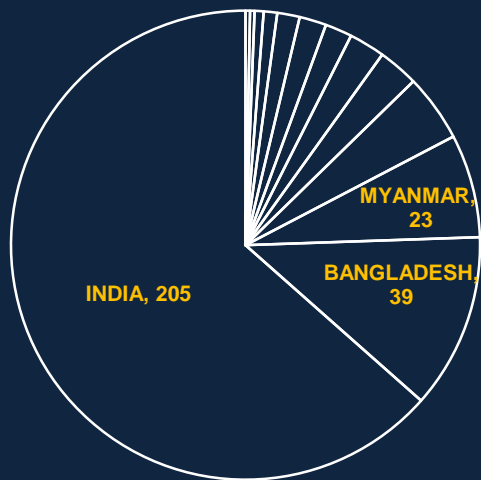
2014-2016 RESULTS: ELECTRIFICATION

Regional progress in electrification continued, but decelerated

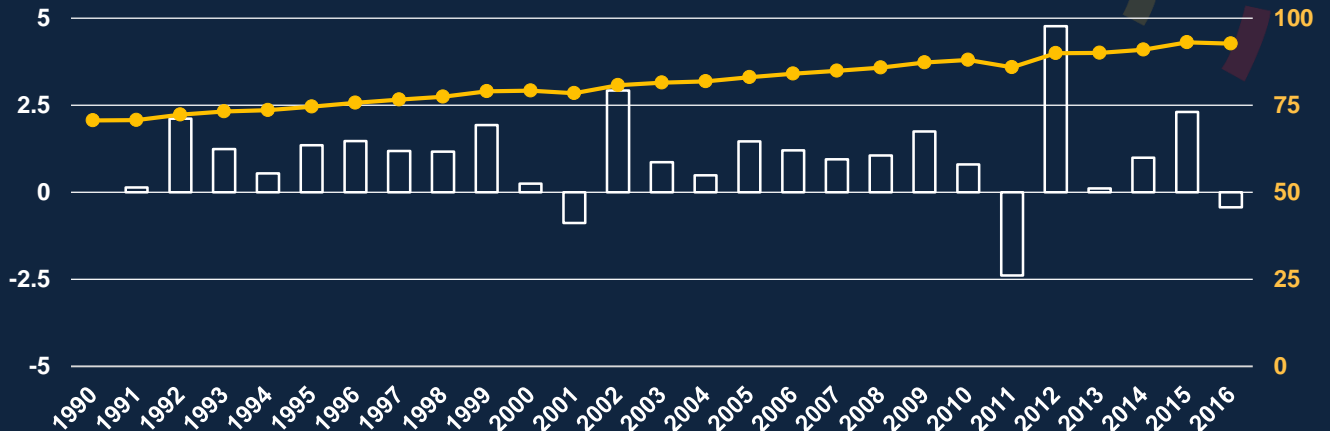
- **71 million** people gained access to electricity
- The rate of electrification rose from **91.0%** to **92.7%**
- Urban areas are approaching universal access (**98.9%**), but rural areas lag behind (**86.9%**)

325 million people, or **7.3%** of the Asia-Pacific population, remain without access.

NUMBER OF PEOPLE WITHOUT ACCESS TO ELECTRICITY 2016 (millions)



Annualized change in share (percentage points)



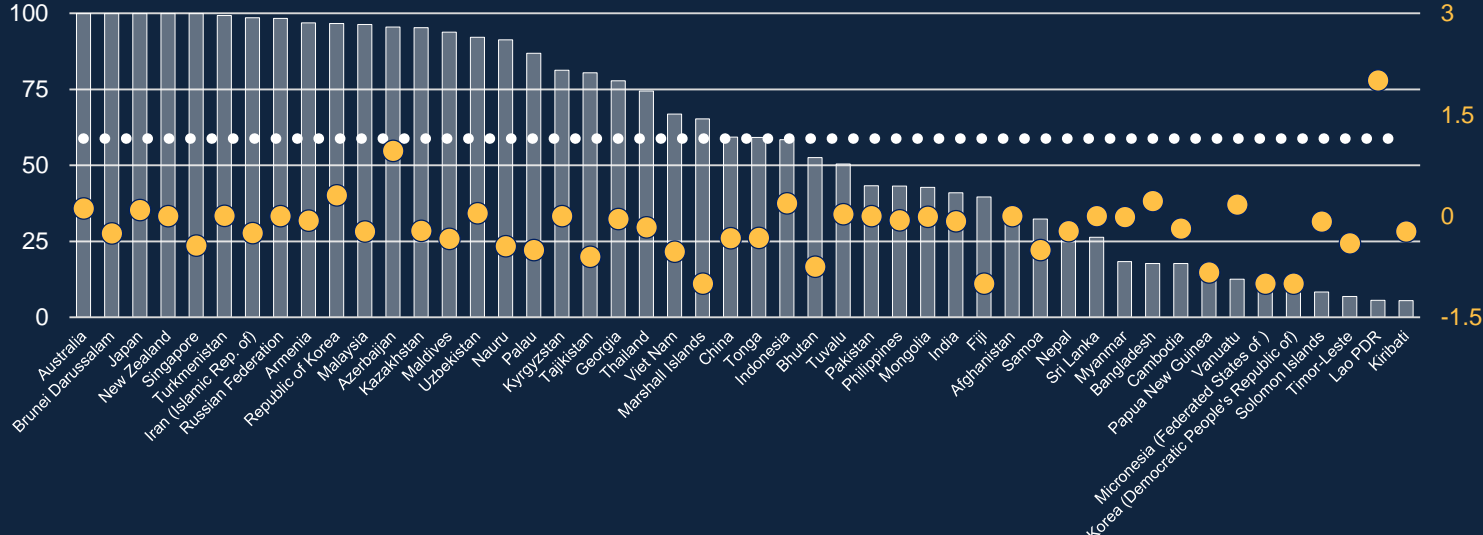
2014-2016 RESULTS: CLEAN COOKING

Regional progress in providing access to clean fuels and technology is very SLOW

- Access to clean cooking reached **54.6%** in **2016**, up from **52.8%** in **2014**
- Over the long term, the average annual gain in share is only **0.026%**
- **Affordability, accessibility, and utility** of options remain key barriers

Nearly **2 billion** people, almost half the population, remain **without access to clean cooking.**

Share of population with access to clean cooking, 2016

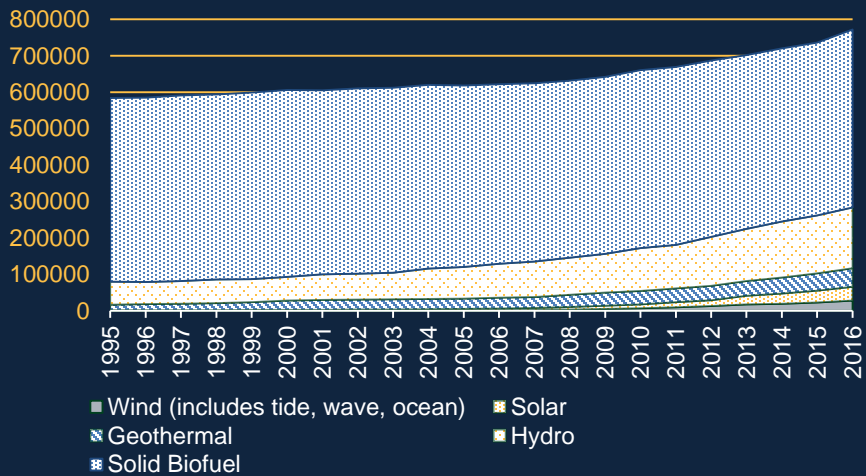


2014-2016 RESULTS: RENEWABLE ENERGY

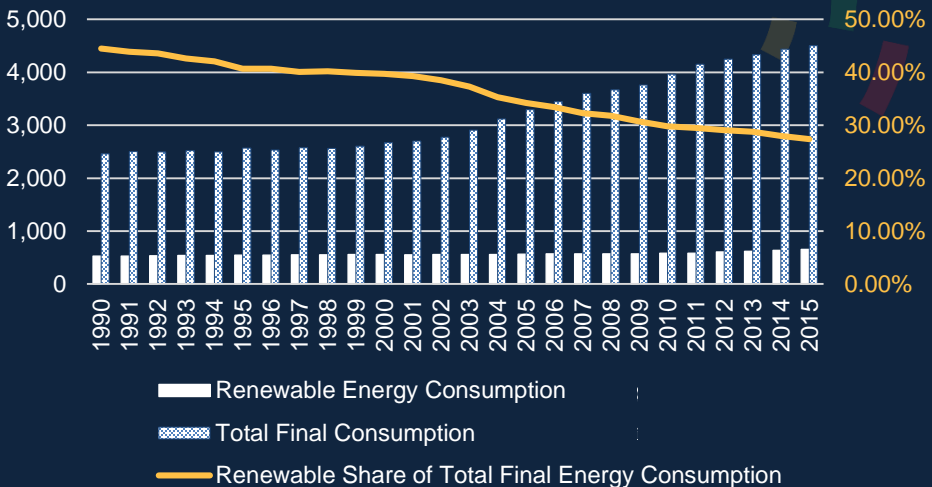
Renewable energy production is rising and diversifying, but progress in increasing the share in the overall energy mix is uncertain

- The share of renewable energy has not increased significantly
- Renewables reached a share of **17.3%** in **2016** on a promising upward trend

Modern Renewable Energy Production by Resource



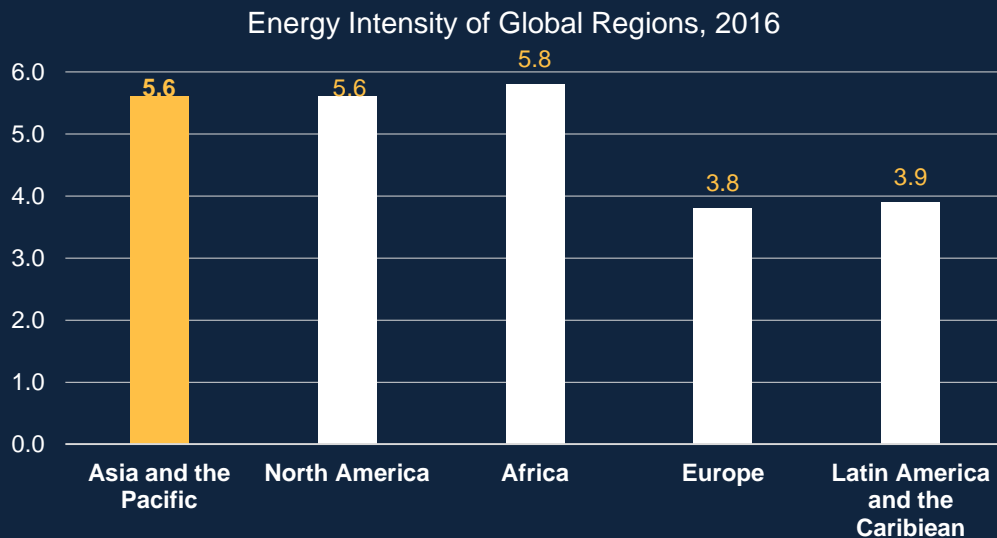
Renewable Energy's Share is Flat



2012-2016 RESULTS: ENERGY EFFICIENCY

Energy intensity has fallen rapidly, but still remains the highest among global regions

- Intensity has fallen from **9.03 MJ/\$** in **1990** to **5.62 MJ/\$** in **2015**, converging with the global average
- Economic activity and efficiency drove decoupling of GDP and energy consumption



2014-2016 RESULTS: RECOMMENDATIONS

- Develop energy system transition pathways to ensure the attainment of Sustainable Development Goal 7
- Strengthen policy analysis and feasibility studies to align energy system transition pathways (exercise of the development of roadmaps)
- Strengthen government capacity to translate energy system transition pathways into policies, strategies, and programmes by means of regional cooperation, policy dialogues, and sharing best practices and trainings
- Enhance energy connectivity and develop a regional plan for energy connectivity that addresses the missing links of ongoing subregional initiatives and focuses on power grid connectivity

2014-2016 RESULTS: RECOMMENDATIONS

- Promote public-private dialogues to encourage innovative financing and investment partnerships and build large transboundary energy connectivity infrastructures; to promote a conducive environment for attracting private investment in sustainable energy
- Enhance the role of STI in sustainable energy development and energy transition. Technology transfer through South-South cooperation should be highlighted to play a vital role

THANK YOU

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