

Global Tracking Framework 2017

Asia-Pacific Progress in Sustainable Energy

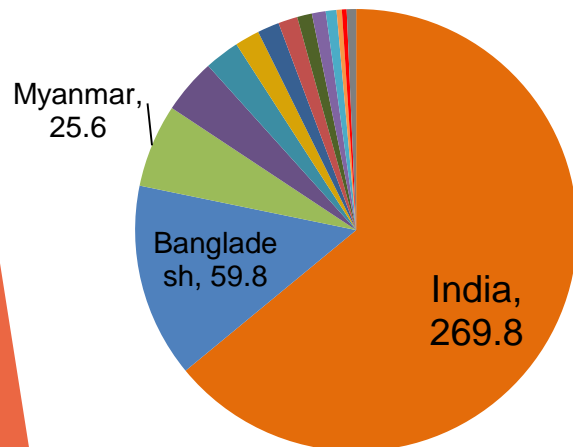
2012-2014 RESULTS: ELECTRIFICATION

Regional progress in electrification continued, but decelerated.

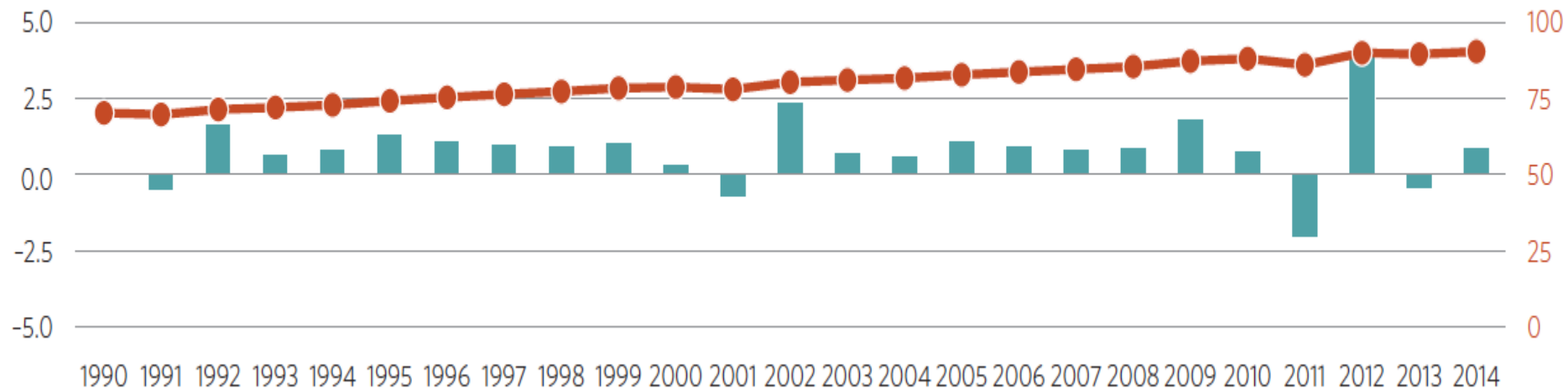
- ▶ 93.1 million people gained access to electricity.
- ▶ The rate of electrification rose from 89.8% to 90.3%.
- ▶ Urban areas are approaching universal access (98.7%), but rural areas lag behind (83.3%).

421 million people, or 9.7% of the Asia-Pacific population, remain without access.

NUMBER OF PEOPLE WITHOUT ACCESS TO ELECTRICITY 2014 (millions)



Annualized change in share (percentage points)



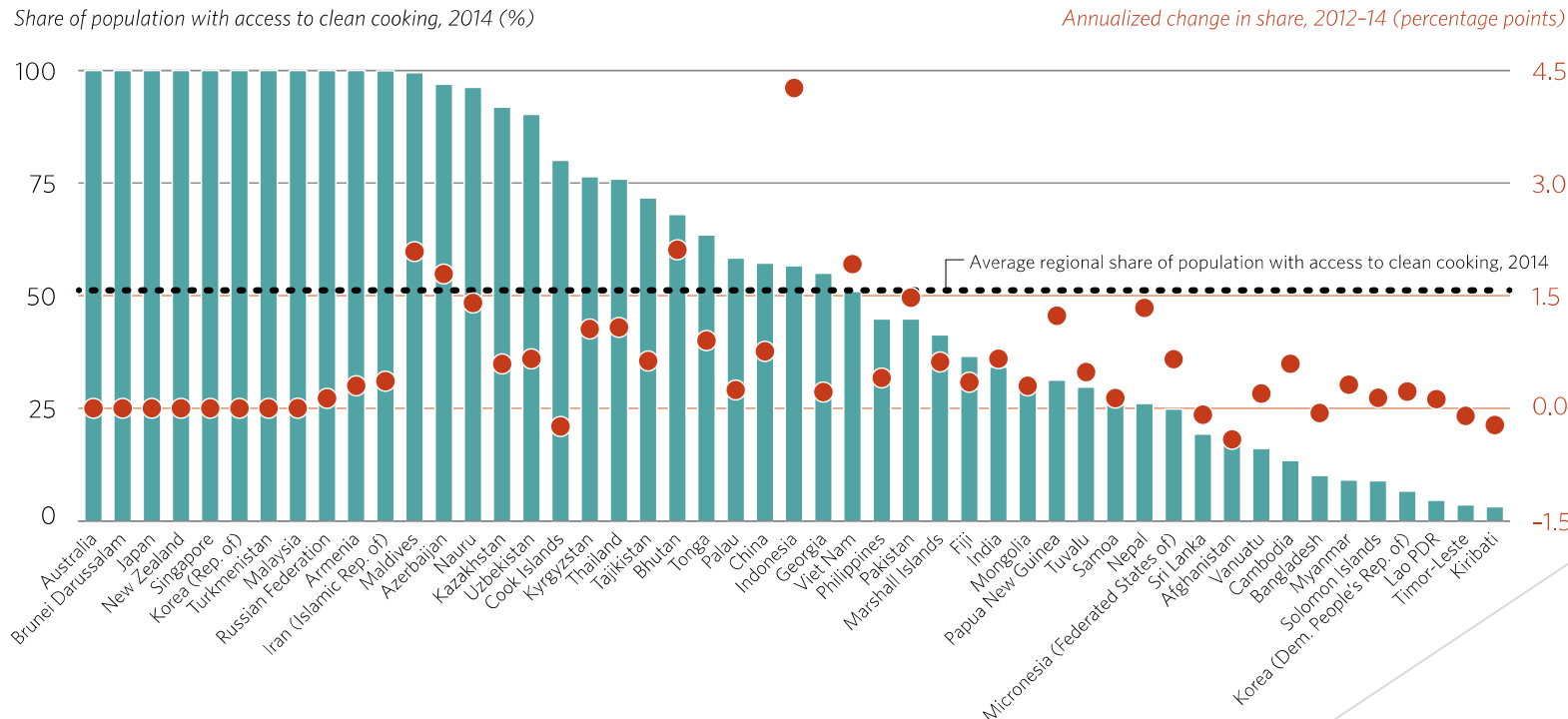
Share of population with access to electricity (%)

2012-2014 RESULTS: CLEAN COOKING

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

- ▶ Access to clean cooking reached 51% in 2014, up from 50% in 2012
- ▶ Over the long term, the average annual gain in share is only 0.8%.
- ▶ Affordability, accessibility, and utility of options remain key barriers.

Nearly **2.1 billion** people, almost half the population, remain without access to clean cooking.

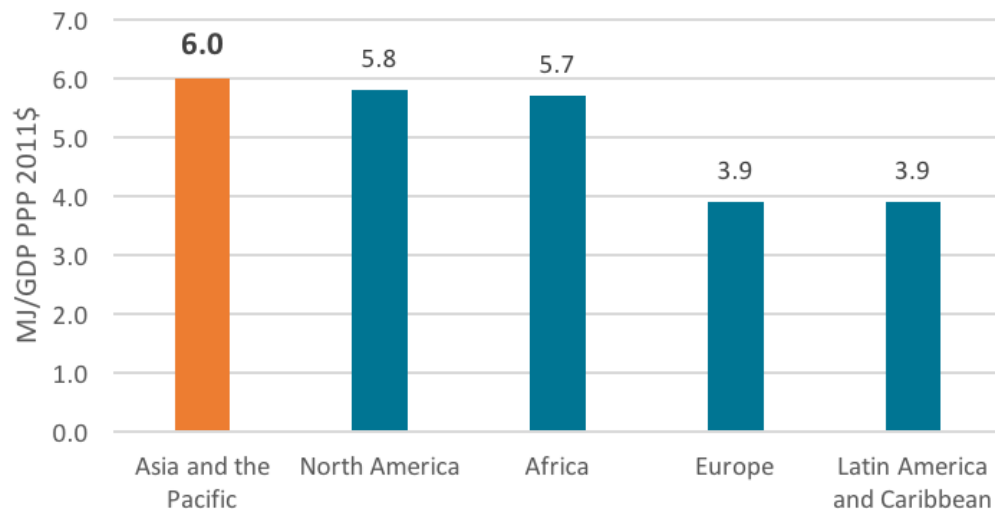


2012-2014 RESULTS: ENERGY EFFICIENCY

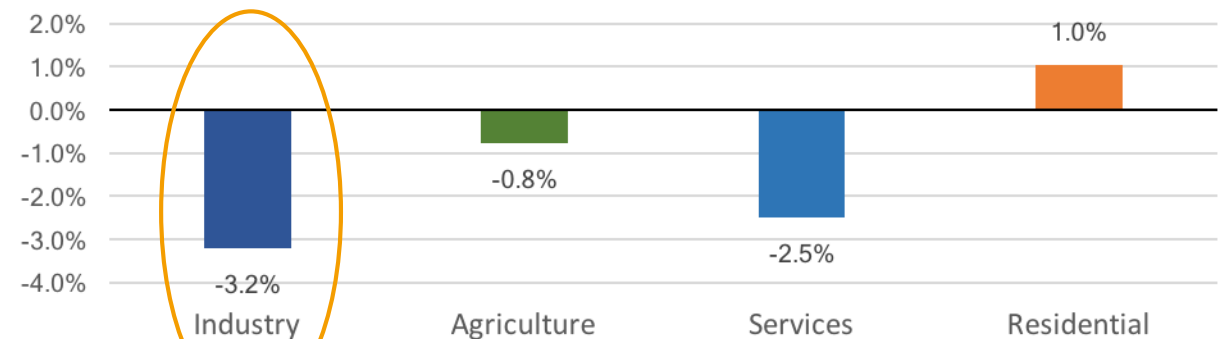
Energy intensity has fallen rapidly, but still remains the highest among global regions.

- ▶ Intensity has fallen from 9.1 MJ/\$ in 1990 to 6.0 MJ/\$ in 2014, converging with the global average.
- ▶ Economic activity and efficiency drove decoupling of GDP and energy consumption.
- ▶ Energy savings between 2012 and 2014 are equivalent to the 2014 TFECS of Rep. of Korea and Thailand combined.

Energy Intensity of Global Regions 2014



Annualized change in energy intensity by sector 2012-2014

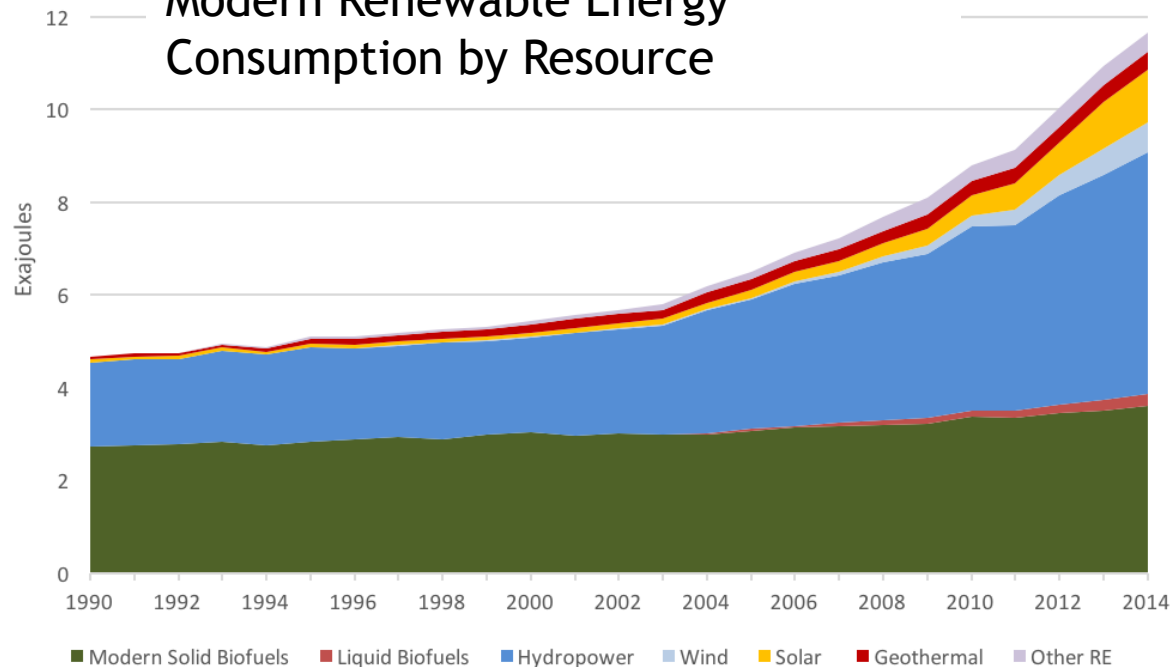


2012-2014 RESULTS: RENEWABLE ENERGY

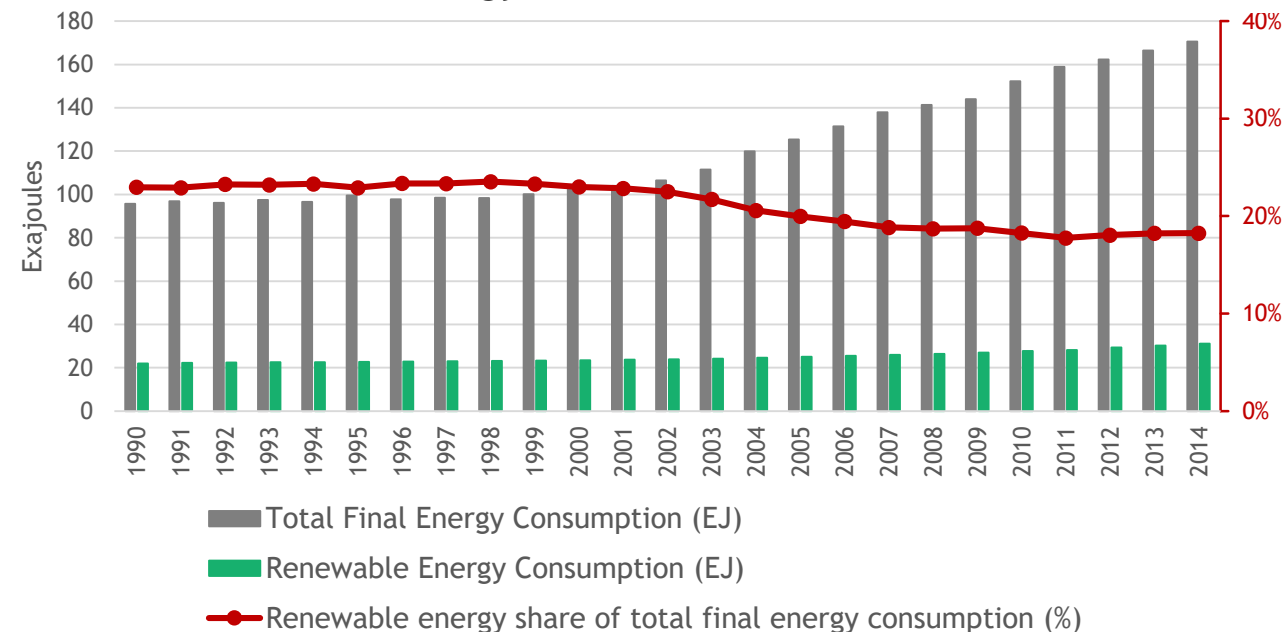
Modern renewable energy consumption is rising and diversifying, but progress in increasing the share in the overall energy mix is uncertain.

- ▶ The share of renewable energy (incl. traditional and modern) has not increased significantly.
- ▶ Modern renewables reached a share of 6.8% in 2014 on a promising upward trend.

Modern Renewable Energy Consumption by Resource



Renewable Energy's Share is Flat



FACTORS FOR EXPANDING SUSTAINABLE ENERGY

- ▶ **Getting the design right - delivering energy services that meet consumer needs;**
- ▶ **Working toward greater affordability;**
- ▶ **Expanding markets for clean energy & energy efficiency solutions;**
- ▶ **Engaging the private sector;**
- ▶ **Broadening investment and finance options;**
- ▶ **Increasing data quality and sharing knowledge;**
- ▶ **Better understanding and quantification of the benefits of various approaches.**