

THE ASIA PACIFIC ENERGY PORTAL

Charting Asia-Pacific's Progress
and Supporting Decision-Making
in the Field of Sustainable Energy

Presented by Kim Roseberry

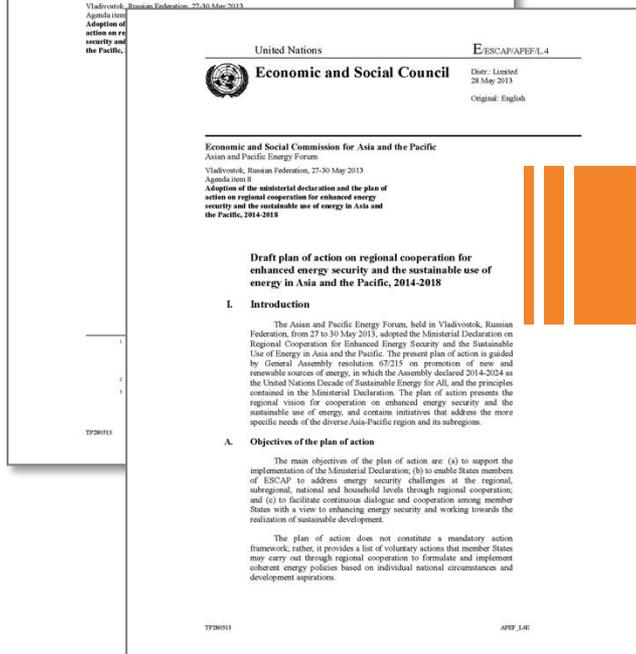
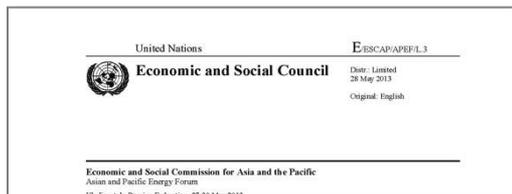
Ministerial Segment 29-30 May 2013, Vladivostok, Russian Federation

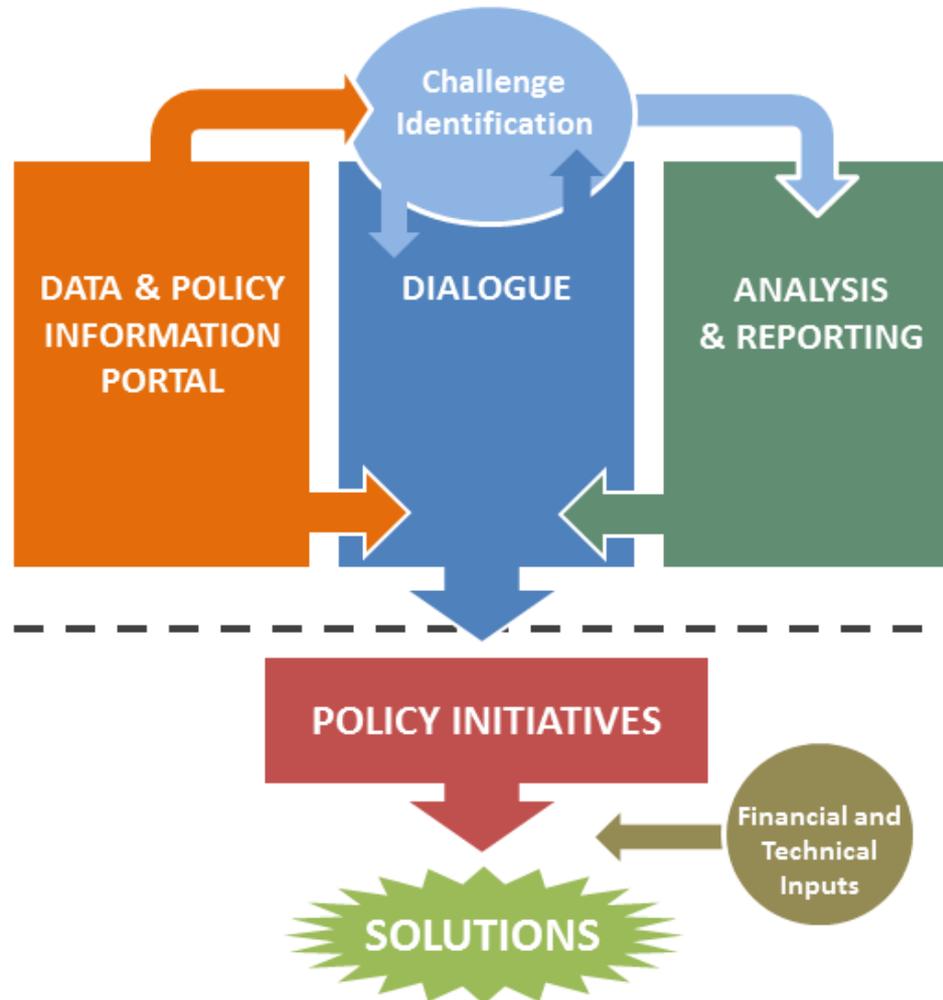


The Asian and Pacific Energy Forum (APEF): The first Asia-Pacific ministerial-level energy forum convened under the auspices of the United Nations

APEF VISION

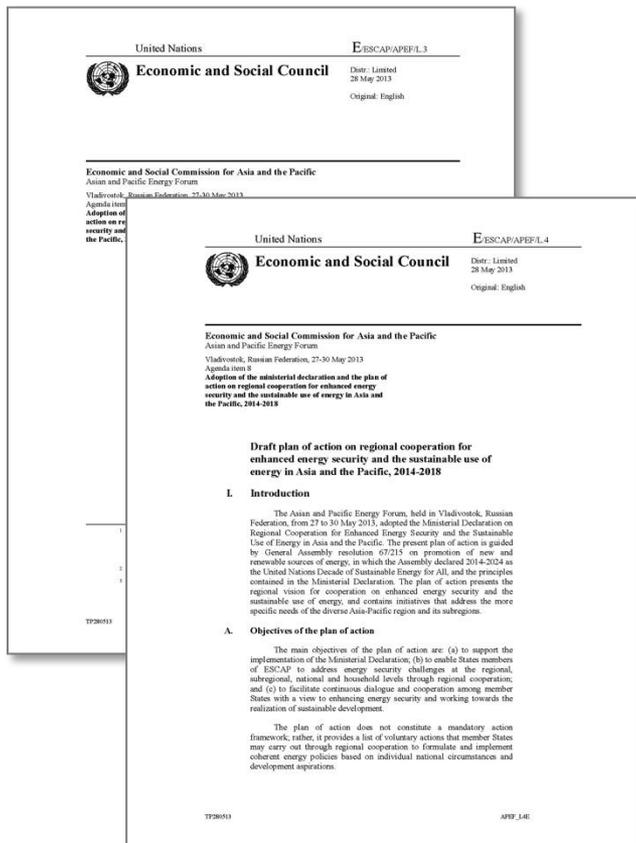
Sustainable energy for all is a reality;
Enhanced **energy security** is present from regional to household levels;
An energy future of **equity, diversification and access** to all is secured;
The share of **cleaner energies** in the overall energy mix is increased.





PLAN OF ACTION, SECTION H – Improve energy statistics and facilitate data and information sharing

*...Improv[e] the availability,
reliability and comparability
of statistical data...and
policy information...in order
to facilitate evidence-based
decision-making and policy
development that is more
compatible with sustainable
development.*



ASIA PACIFIC ENERGY PORTAL

www.asiapacificenergy.org

Objectives of the portal

- Support data and **policy tracking, research and analysis** for regional and global initiatives, including APEF, SE4All and SDGs.
- Support **informed decision-making** among Asia-Pacific energy policy makers through improved access to data and policy information.

Scope

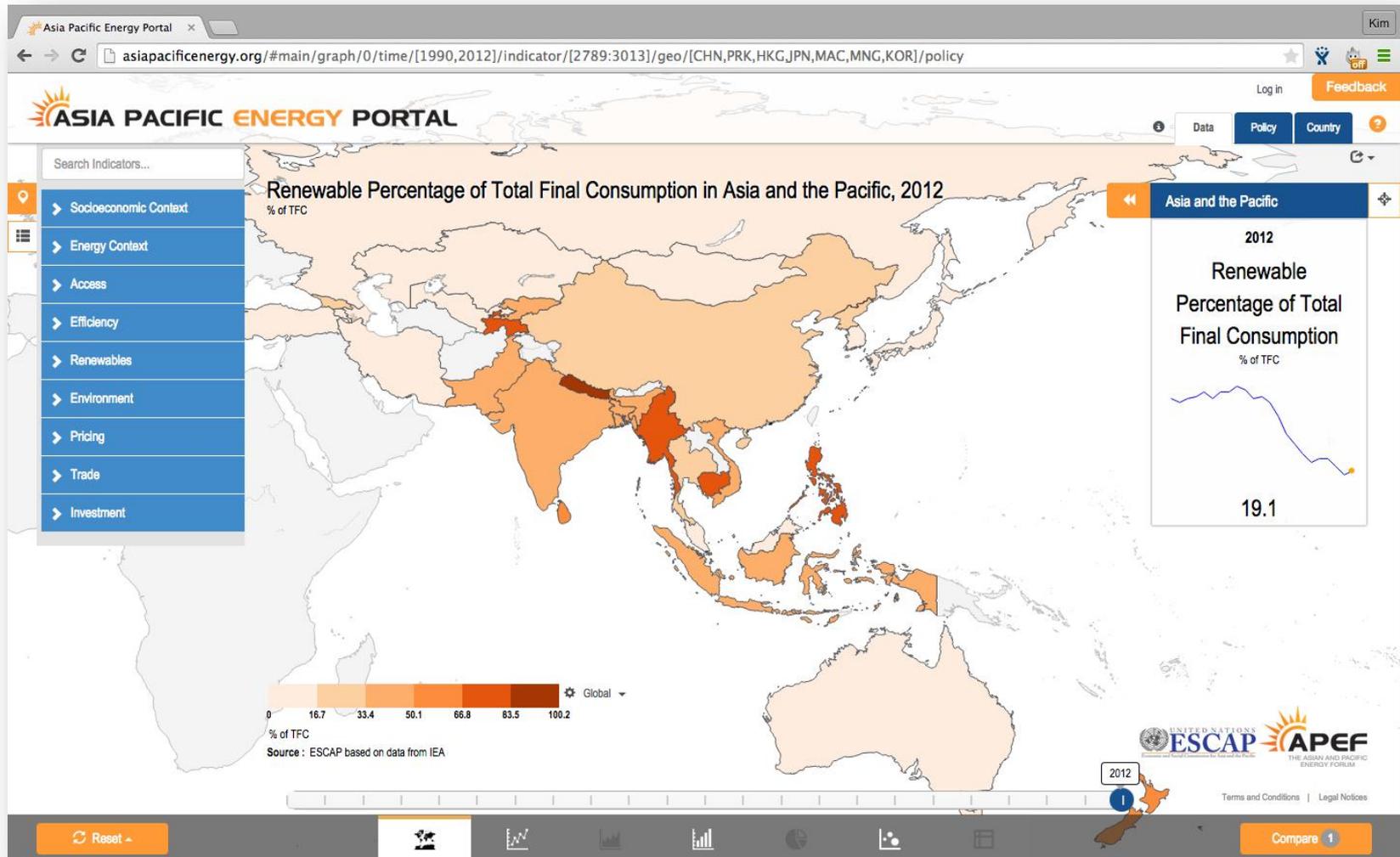
Scope linked to APEF
outcome priorities



INTERACTIVE.

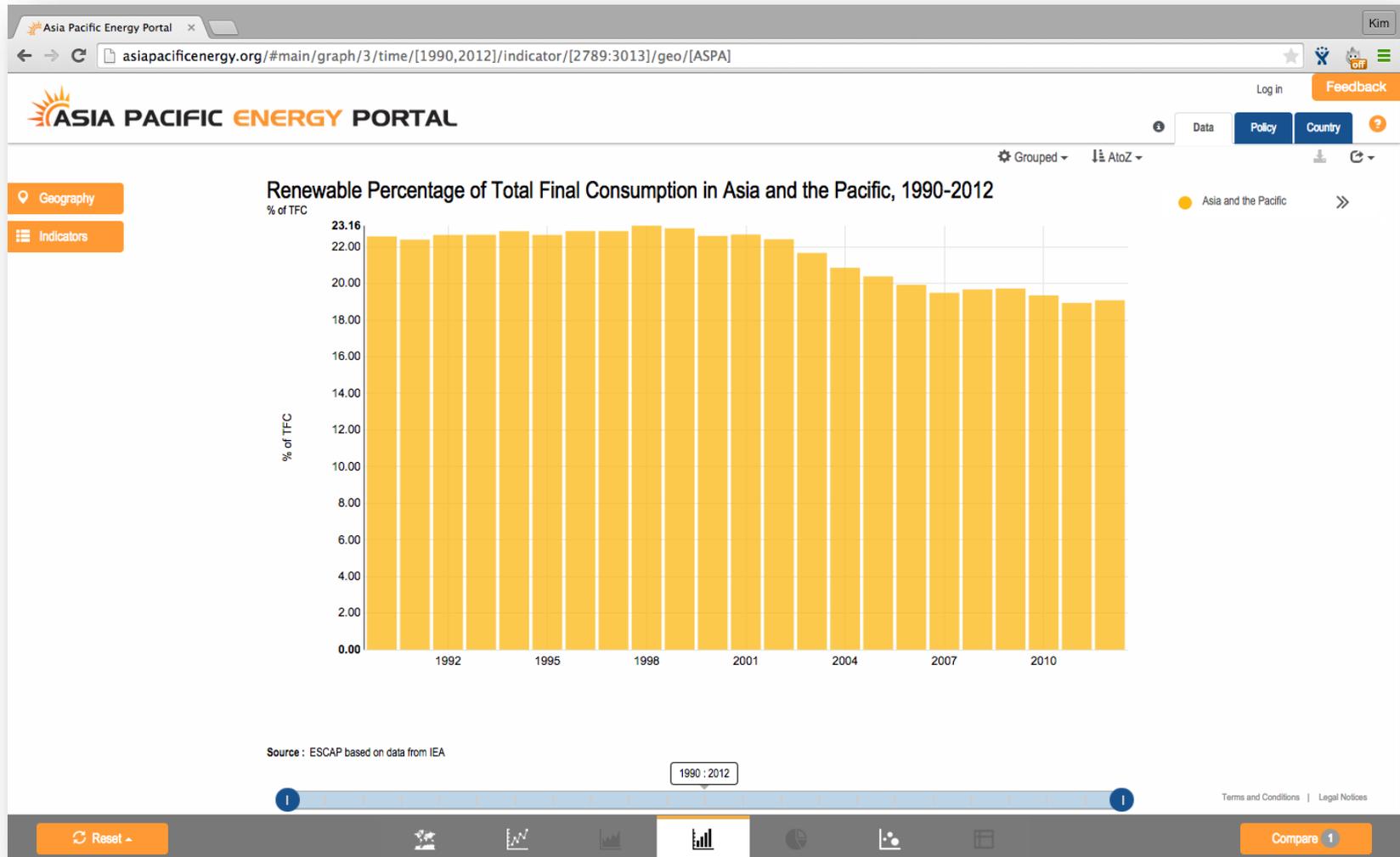
Visualization

Visualize data using various chart types.



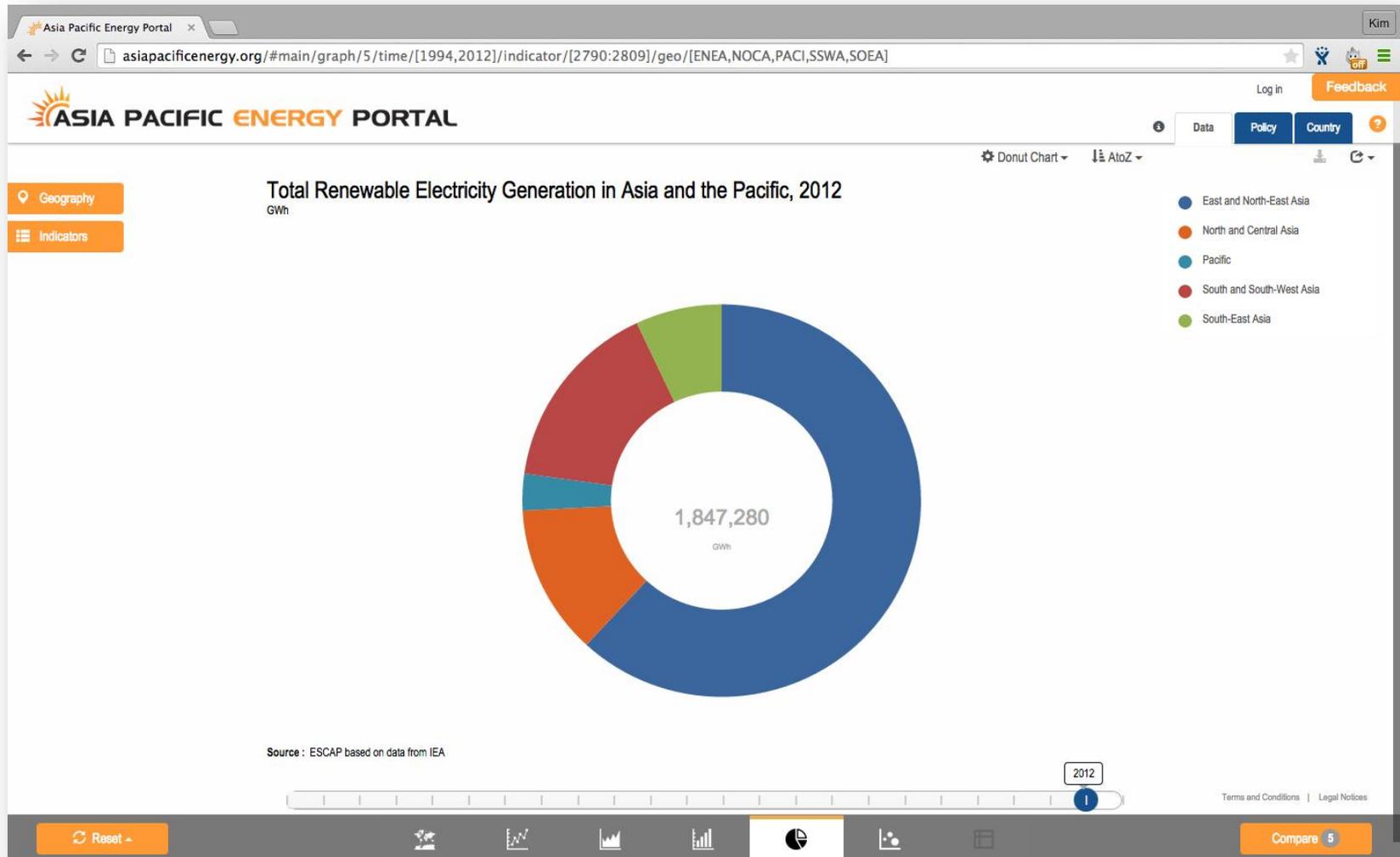
Visualization

Visualize data using various chart types.



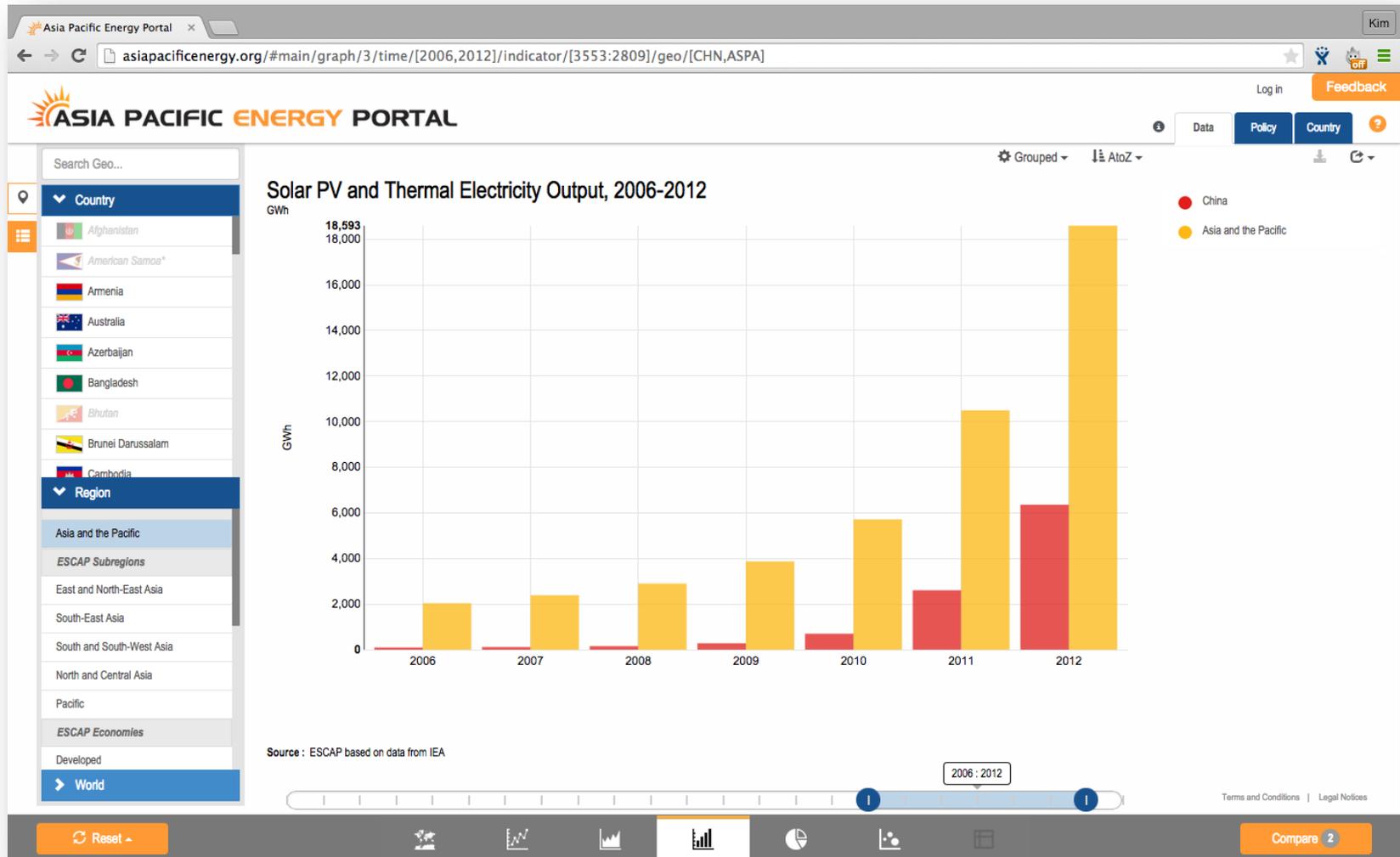
Visualization

Visualize data using various chart types.



Visualization

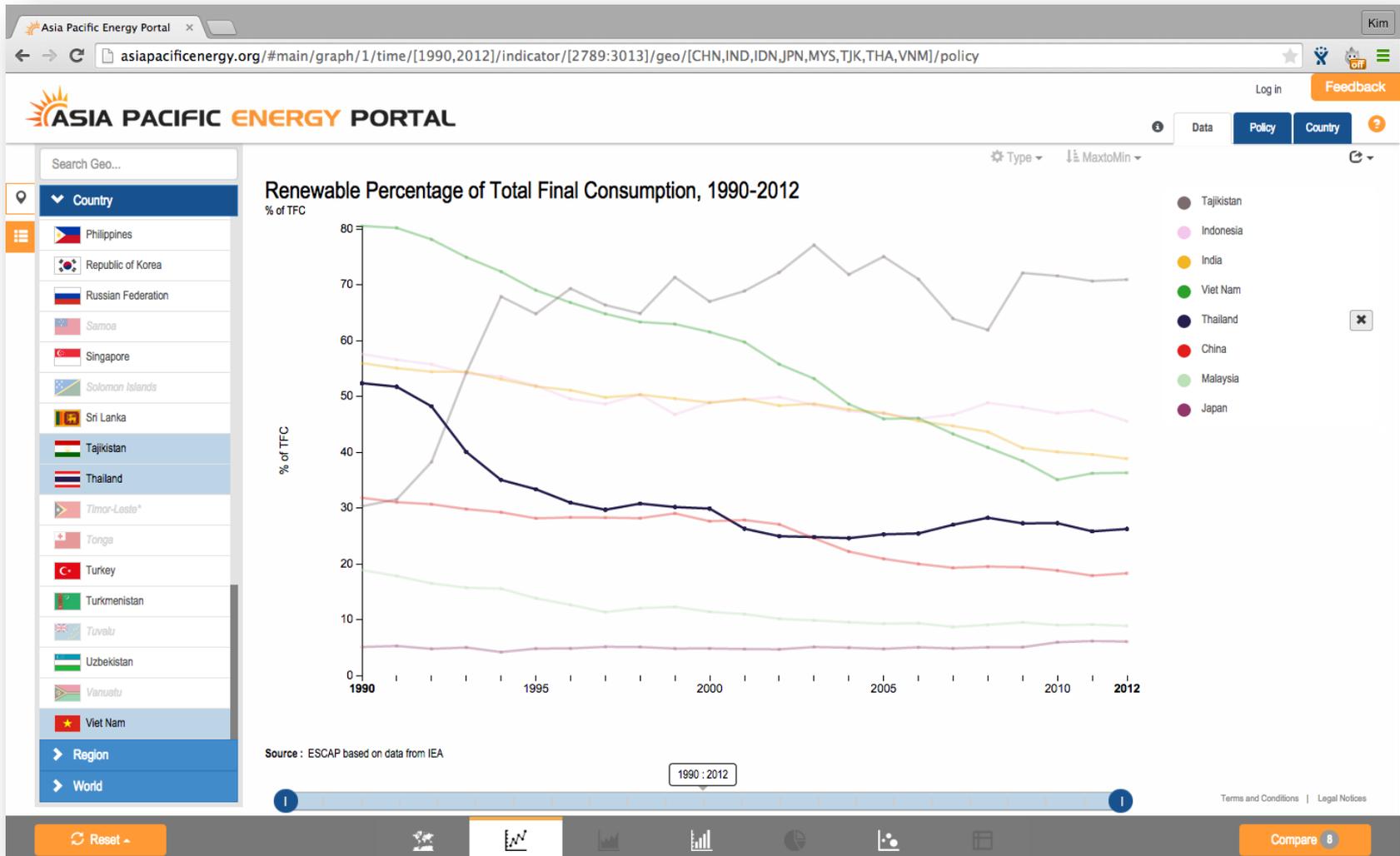
Visualize data using various chart types.



INTUITIVE.

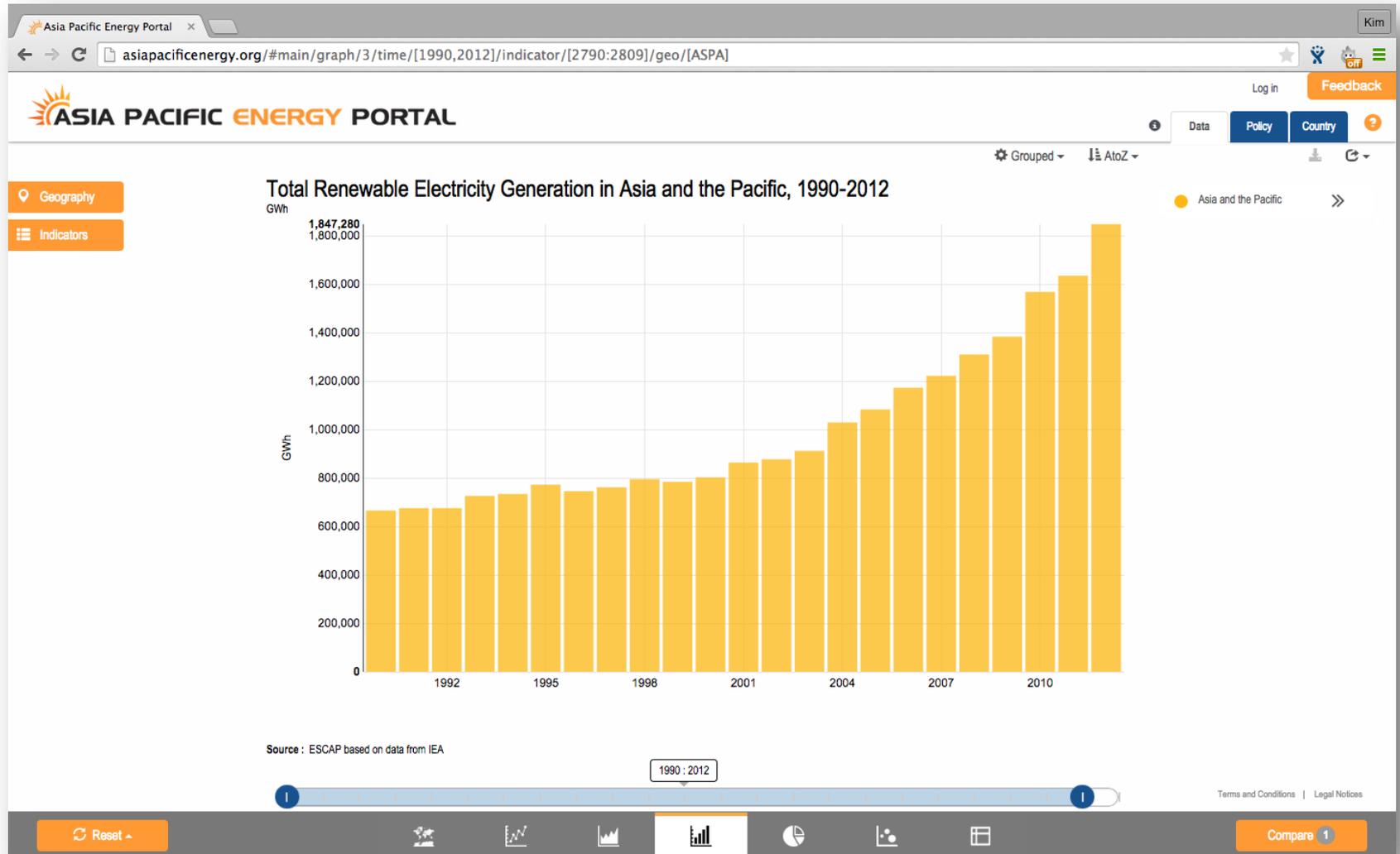
Flexible Data

Add or subtract geographies.
Adjust timeframes.
Select a new chart type.
Change indicators.



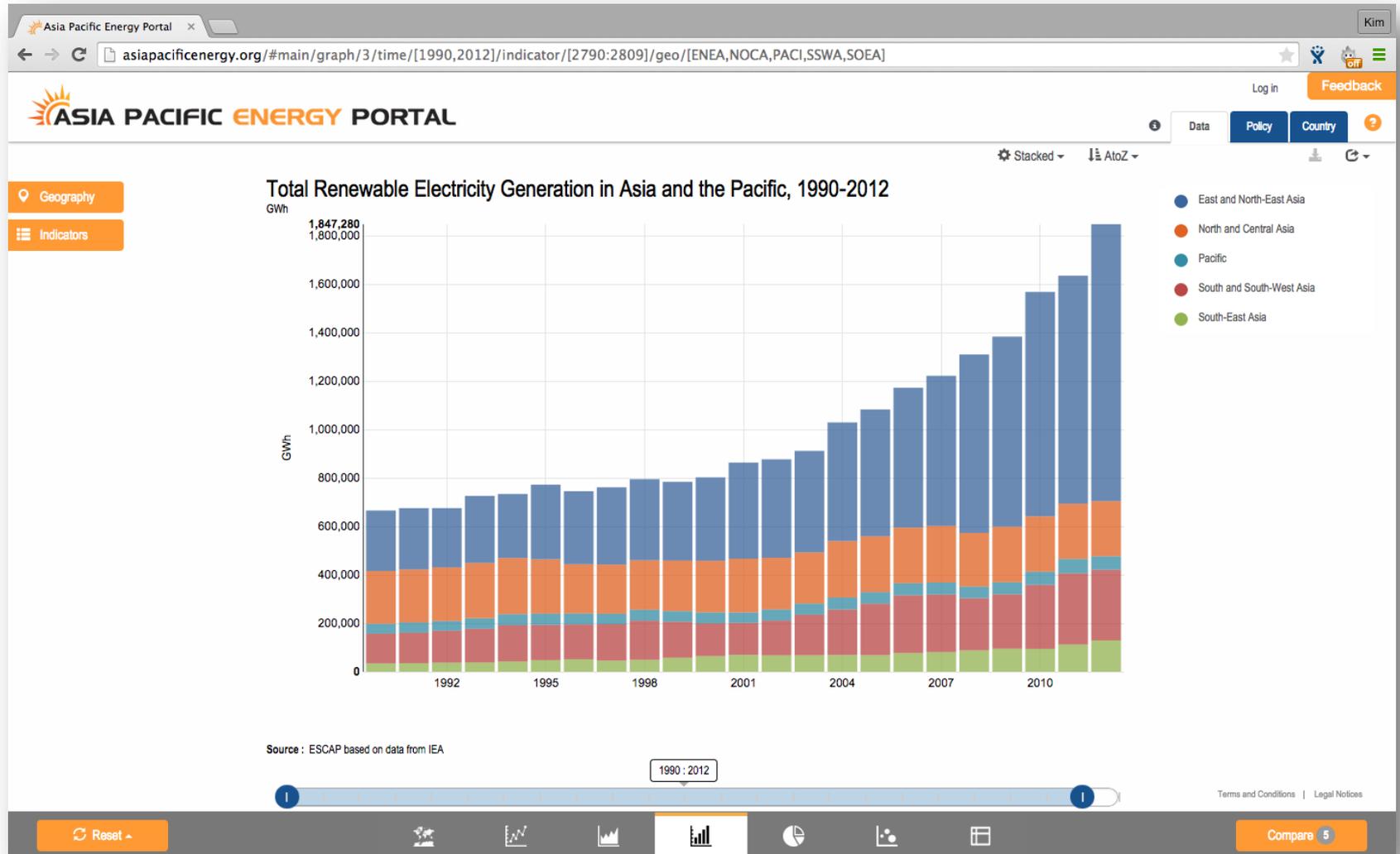
Fast Data

Get meaningful charts in seconds.



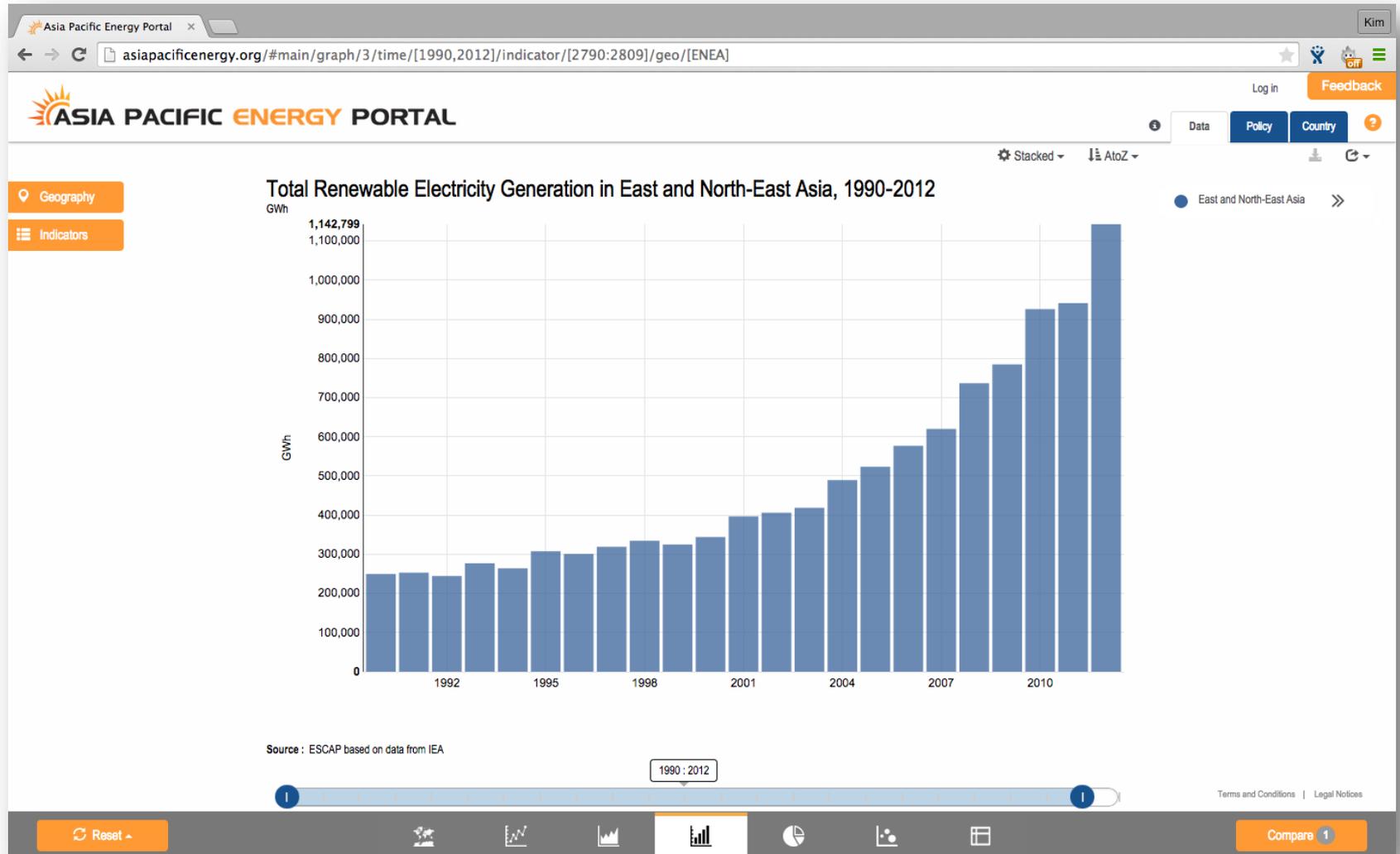
Fast Data

Get meaningful charts in seconds.



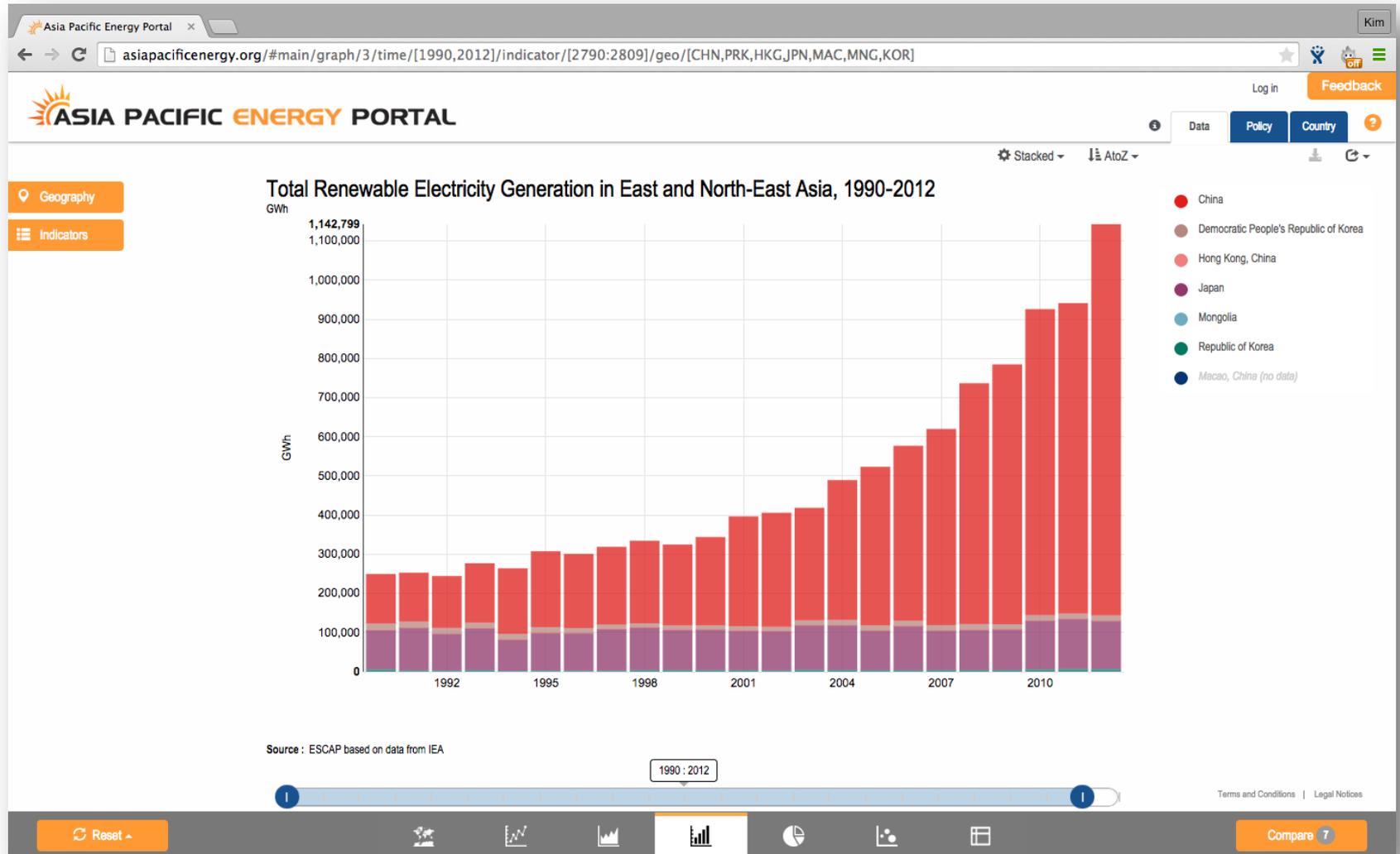
Fast Data

Get meaningful charts in seconds.



Fast Data

Get meaningful charts in seconds.



IN-DEPTH.

Comparison

Compare several countries across several indicators of your choosing.



Policy Preview

Look at policy cross-sections for the region, by indicators.
Preview policy content.

The screenshot displays the Asia Pacific Energy Portal interface. The main content area features a 'POLICY MAP' with a grid of indicators across various countries. The indicators are represented by orange circles, with some highlighted in blue. A sidebar on the left lists categories such as Access, Efficiency, Renewable Energy, Environment, Pricing, Trade and Connectivity, Investment, Technology, and Governance. A detailed view of a policy is shown on the right, titled 'EE industry standards'.

Policy Map Data (Approximate):

Indicator	Myanmar	Nauru	Nepal	New Caledonia	New Zealand	Niue	Northern Mariana Is.	Pakistan	Palau	Papua New Guinea	Philippines	Republic of Korea	Russian Federation	Samoa	Singapore	Solomon Islands	Sri Lanka	Tajikistan	Thailand	Timor-Leste	Tonga	Turkey	Turkmenistan	Tuvalu	Uzbekistan
Trade and Connectivity																									
CN1: Regional integration priorities																									
CN2: National energy trade priorities																									
CN3: National infrastructure development priorities																									
CN4: International trade association membership																									
CN5: Bi- and multi-lateral energy agreements																									
CN6: Standard power production and purchasing agreement																									
CN7: Import taxes and fee exemptions																									
CN8: Energy export financial incentives																									
CN9: Advance rulings																									

Policy Detail: EE industry standards

CN3 THAILAND: The Energy Conservation Promotion Act, BE 2535 (1992)

Effective Years: 1992-2007

Energy Conservation in Factories - Defines the scope of energy conservation in factories, factory owner responsibilities in auditing and analyzing energy utilization, setting of energy targets, record-keeping and reporting to the Department of Energy Development and Promotion. Requirements around personnel in charge of energy.

1990 : 2012

asiapacificenergy.org/#tab-EE7

Full Text Policies

- Locate policy information by indicators.
- Slide timeline to see policy development.
- Preview policy content.
- Save selections and compare.

The screenshot displays the Asia Pacific Energy Portal interface. The browser address bar shows the URL: [asiapacificenergy.org/#main/graph/3/time/\[1990,2012\]/indicator/\[2790:2809\]/geo/\[CHN,PRK,HKG,JPN,MAC,MNG,KOR\]/policy](http://asiapacificenergy.org/#main/graph/3/time/[1990,2012]/indicator/[2790:2809]/geo/[CHN,PRK,HKG,JPN,MAC,MNG,KOR]/policy). The page header includes the logo for ASIA PACIFIC ENERGY PORTAL and navigation buttons for Data, Policy, and Country. A sidebar on the left lists various indicators under the heading "EE targets", including CN3, EE1, EE2, EE3, EE4, EE6, and EE7. The main content area displays the text of "THE ENERGY CONSERVATION PROMOTION ACT B.E. 2535 (1992)" in Thai, including the royal seal and the text of the act. A timeline at the bottom of the page shows the year 1990:2012. The footer contains a "Reset" button and a search icon.

ASIA PACIFIC ENERGY PORTAL

Log in Feedback

Data Policy Country

EE targets

- CN3 THAILAND: The Energy Conservation Promotion Act, BE 2535 (1992)
Effective Years: 1992-2007
- EE1 Owner of the designated factory should: - set targets and plans for energy conservation of the designated factory and submit to the Department of Energy Development and Promotion, in compliance with the criteria, procedures, and schedule prescribed in the Ministerial Regulations. - Audit and analyze operations to achieve such targets and plans for energy conservation, in compliance with the criteria, procedures, and schedule prescribed in the Ministerial Regulations.
- EE2
- EE3
- EE4
- EE6 THAILAND: 20-Year Energy Efficiency Development Plan (2011-2030)
Effective Years: 2011-2030
- EE7 Reduce energy intensity by 25% in 2030, based on 2005 level; or equivalently reduce final energy consumption by 20% in 2030, or about 30,000 ktoe. Two economic sectors that shoulder priority for energy conservation are transportation (13,400 ktoe in 2013) and industrial sector (11,300 ktoe in 2013).

THE ENERGY CONSERVATION PROMOTION ACT
B.E. 2535 (1992)

BHUMIBOL ADULYADEJ, REX,
Given on the 23rd day of March, B.E. 2535;
Being the 47th Year of the Present Reign.

His Majesty King Bhumibol Adulyadej has been graciously pleased to proclaim that
Whereas it is deem appropriate to enact an Energy Conservation Promotion law,
His Majesty the King, by and with the advice and consent of the National Assembly in the capacity as Parliament, is graciously pleased to enact an Act as follows:

Section 1: This Act is called the "Energy Conservation Promotion Act, B.E. 2535".

Section 2 : This Act shall come into force on the day following the date of its publication in the Government Gazette.

Section 3 : In this Act :

"Energy" means ability to 1990 : 2012 that is inherent in the sources that may provide work, consisting of renewable energy and non renewable energy,

Terms and Conditions | Legal Notices

Reset

Policy Search

Freely search policy content for key words.
Filter results by characteristics.

The screenshot shows the Asia Pacific Energy Portal's Policy Search page. The browser address bar displays the URL: `asiapacificenergy.org/#main/graph/1/time/[1990,2012]/indicator/[2789:3013]/geo/[CHN,IND,IDN,JPN,MYS,TJK,THA,VNM]/policy`. The page header includes the portal logo, a 'Log in' link, a 'Feedback' button, and navigation tabs for 'Data', 'Policy', and 'Country'. The main content area is titled 'Policy Search' and is divided into three sections: 'Country', 'Scope', and 'Document Type'. The 'Country' section lists 14 countries with their respective item counts. The 'Scope' section lists 6 categories with their counts. The 'Document Type' section lists 1 category with its count. The 'Current search' section shows a search for 'energy efficiency' with 641 items found. The search results are listed below, starting with 'SINGAPORE: E2 Singapore'.

Policy Search

Country

- Afghanistan (4)
- American Samoa (1)
- Azerbaijan (18)
- Bangladesh (34)
- Bhutan (21)
- Cambodia (27)

Scope

- Bilateral (9)
- Local (1)
- Multilateral (7)
- National (613)
- Other (9)
- Regional (2)

Document Type

- Act (62)

Current search

Search found 641 items

energy efficiency

- SINGAPORE: E2 Singapore**
a responsible member of the international community, Singapore can do its part by promoting **energy efficiency** ... and **energy** conservation. By leveraging on innovative ideas and technologies in **energy efficiency** and ... environment, and we will continue to actively pursue policies and measures to improve **energy efficiency** in the ...
- THAILAND: National Energy Sector Management Overview**
Office (NEPO) acting as the Secretariat. To enhance **efficient energy** sector management, the **Energy** Policy ... National **Energy** Policy Office (NEPO) acting as the Secretariat. To enhance **efficient energy** sector ... The **energy** sector in Thailand is managed by the National **Energy** Policy Council (NEPC), ...
- FJI: Strategic Development Plan 2003-2005: "Rebuilding Confidence for Stability and Growth for a Peaceful, Prosperous Fiji"**
Information and Communication Technology Services 7.10: Transport 7.11 : **Energy** 7.12 : Water and ...
- BANGLADESH: Power Sector Financial Restructuring and Recovery Plan. Final Report**
efficient use of **energy** and quality of the services provided; to determine tariffs; to approve investment ... details. Power Cell Power Division Ministry of Power, **Energy** and Mineral Resources, Government of ... the **Energy** Regulatory Commission Act 2-6 2.1.6 Tariff Issues 2-8 2.1.6.1 ...
- BHUTAN: 8th Five Year Plan**

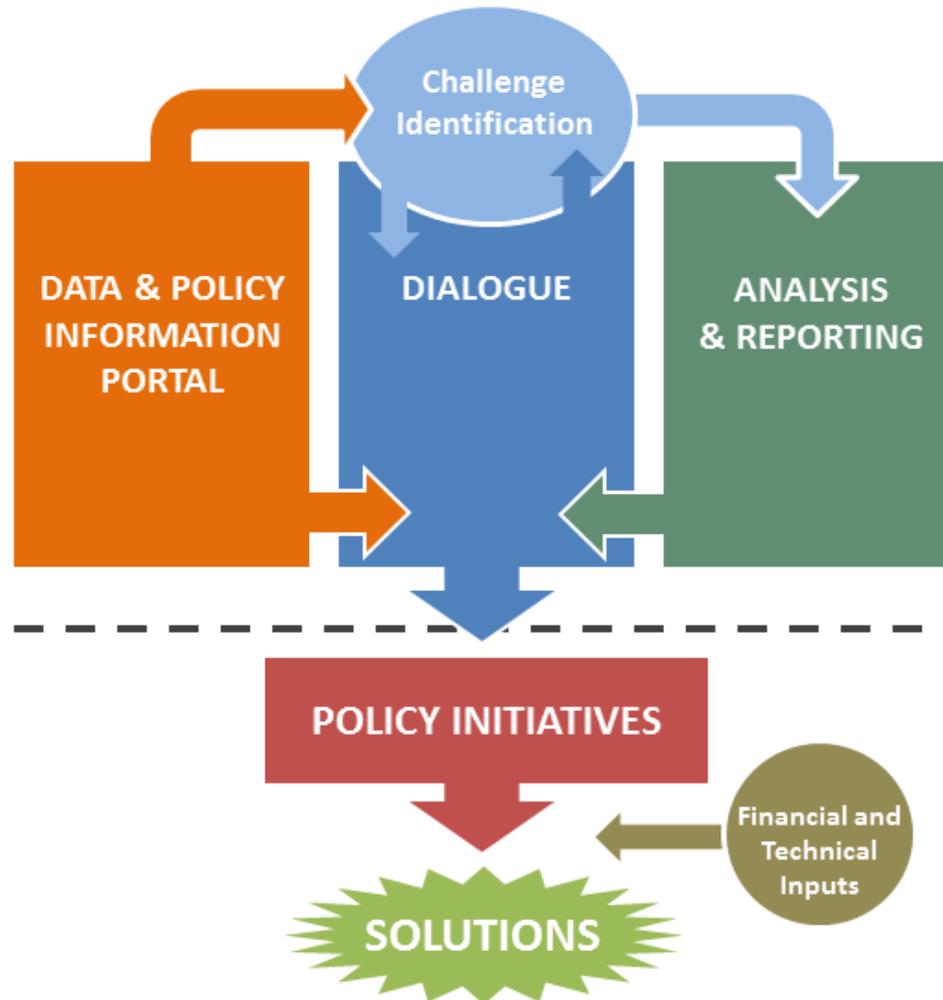
Terms and Conditions | Legal Notices

Reset

WHY IT MATTERS

WHY IT MATTERS

- **Energy development is more easily tracked across the region.**
- **Policymakers have access to example policies from countries with similar development contexts.**
- **Easier identification of areas for policy improvement or regional alignment.**



ASIA PACIFIC ENERGY PORTAL

www.asiapacificenergy.org