



**ASIA PACIFIC ENERGY RESEARCH CENTRE
(APERC)**

REPORT ON APERC ACTIVITIES

**THE 71ST MEETING OF
THE APEC ENERGY WORKING GROUP (EWG71)**

18-19 MARCH 2026

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I. PROGRESS IN ONGOING WORK

1. Research Activities

A. APEC ENERGY DEMAND AND SUPPLY OUTLOOK

BACKGROUND

APEREC had previously produced nine editions of the APEC Energy Demand and Supply Outlook.

OBJECTIVE

The key objectives of the APEC Energy Demand and Supply Outlook are to facilitate APEC cooperation by providing policymakers with:

- a useful reference on energy in the APEC region
- a statistically supported review of the challenges and opportunities facing the APEC economies individually and as a region
- a source of ideas and approaches for evaluating these energy challenges and identifying potential solutions and opportunities.

PROGRESS

The 9th Edition of the Outlook was published and officially launched on December 17, 2025, in the presence of Mr. Eduardo Pedrosa, Executive Director of the APEC Secretariat, in Tokyo. The 9th Edition explores two scenarios (Reference Scenario and Target Scenario) with projections extending to 2060.

MILESTONES

To provide long-term energy projections in a more timely manner amid the rapidly evolving energy landscape, the Outlook publication cycle will be shortened from three years to two years. Development of the Outlook 10th Edition is underway and on track for publication in 2027.

B. APEC ENERGY OVERVIEW

BACKGROUND

At the EGEDA 11th meeting held in March 2000, the APEC Energy Overview was proposed by Australia and approved at the EWG19 meeting in April 2000.

The APEC Energy Overview is an annual publication, which contains updated energy demand/supply data as well as a description of energy policies and notable energy developments in energy efficiency, infrastructure development, upstream development, energy source diversification, regulatory reform and environmental protection.

The progress of APEC goals on energy intensity and renewable share has been tracked and analysed each year. The economy's respective energy transition programs are likewise regularly discussed.

Energy demand/supply data are drawn from the APEC Energy Database. APERC is responsible for coordinating information gathered from member economies and preparing a draft Overview for EGEDA review. The Overview is published on both the APEC and APERC websites.

Since the inaugural issue of the 2001 edition, 24 editions have been issued up to 2025.

OBJECTIVE

The objective of the APEC Energy Overview is to share information on the prevailing energy policies of member economies and to provide policymakers in the region with useful insights.

PROGRESS

The APEC Energy Overview 2025 was published on the APEC and APERC websites in July 2025.

MILESTONE

Drafting of the economy chapters for the APEC Energy Overview 2026 is underway.

C. TOPICAL STUDIES

BACKGROUND

Along with the Outlook and the Overview, APERC has been conducting research on topics relevant to energy issues and policies in the APEC region.

OBJECTIVE

The objective of the topical studies is to share information on member economies' energy policies and provide useful information and insights to policymakers in the region.

PROGRESS

Since 2017, three separate studies focusing on coal, oil, and natural gas have been designed to support the Expert Group on Clean Fossil Energy (EGCFE) in broadening its perspective. In 2023, a fourth report focusing on hydrogen was added to the series to support both EGCFE and the Expert Group on New and Renewable Energy Technologies (EGNRET). The reports review supply, demand, trade, and price developments over the past 10-20 years and projected developments over the next 5-7 years.

APERC published the APERC Coal Report 2025 in February 2026.

MILESTONE

The APERC Gas Report 2025 and the Oil Report 2025 are scheduled for publication in April and May 2026, respectively.

As for the hydrogen report, a comprehensive APEC Clean and Low-Carbon Hydrogen (CLCH) Policy Progress Report will be developed. It is one of the outputs from the CLCH Policy Convention to be held on 20-21 May 2026 in Hong Kong, China. This report will replace the APERC Hydrogen Report.

Following the publication of the APEC Energy Demand and Supply Outlook - 9th edition and completion of the associated roadshow visits to member economies. APERC will identify research topics for 2026.

2. Accepting Trainees and Dispatching Experts

BACKGROUND

APERC accepts energy modelling trainees, chiefly from developing economies in the APEC region. These trainees learn about preparing energy demand and supply outlooks and related matters.

APERC also sends experts to APEC economies to help develop energy data and prepare energy demand and supply outlooks, including experts on modelling techniques such as data management, energy balance preparation, macroeconomic modelling, and energy supply planning.

OBJECTIVE

The objective is to build the capacity of APEC economies in energy data management and project energy demand and supply.

PROGRESS

APERC delivered the 32nd APEC Seminar on Energy Modelling in March 2026. 10 trainees from 7 APEC economies (Indonesia, Malaysia, Papua New Guinea, the Philippines, Russia, Thailand, Viet Nam) attended the one-week training seminar.

MILESTONE

APERC awaits requests from APEC economies to send experts.

The cooperation course on “Energy Future of the Asia-Pacific Region” at Kyoto University Graduate School of Energy Science for the school year 2026-2027 will start in October 2026.

The 33rd APEC Seminar on Energy Modelling will be held in Tokyo in March 2027.

3. Building APEC Energy Data Network

BACKGROUND

APERC has built an online communication network with energy organizations in APEC member economies around the APEC Expert Group on Energy Data and Analysis (EGEDA). The network allows uniform management of energy data submitted by APEC economies and the preparation of energy balance tables based on the data.

APERC also serves as the Secretariat of EGEDA, which meets once a year.

APERC supplies data provided by APEC member economies to the Joint Organisations Data Initiative’s (JODI) database and works jointly with member economies to improve data quality.

In addition, to upgrading the Energy Data Network, APERC started to accept energy statistics trainees from developing APEC economies under the EGEDA Training Program on Energy Statistics. APERC also started to send experts to APEC economies to help improve the quality of their energy statistics.

OBJECTIVE

The key objectives are:

1. To improve the availability and consistency of energy data and to develop, manage and review the operation of an up-to-date and consistent APEC Energy Database, principally covering energy demand and supply data.
2. To continue to develop an APEC energy data collection and dissemination network.
3. To participate in international cooperation/collaboration activities on energy statistics with the United Nations Statistics Division (UNSD), International Energy Agency (IEA), the International Renewable Energy Agency (IRENA), the Joint Organisations Data Initiative (JODI), and other international organizations.
4. To implement energy statistics training courses for APEC member economies.
5. To track the APEC aspirational goals on reducing energy intensity by 45% in 2035 from 2005 levels and doubling the 2010 share of renewable energy in the APEC energy mix by 2030 and other similar measurable goals that may be set by the energy ministers.
6. To report to and advise the APEC EWG on each of the above activities.

PROGRESS

In April 2015, APERC established the internal Energy Statistics & Training Office (ESTO) to ensure efficient progress with activities described under points 3 and 4 above.

APERC collected and processed the 2023 annual energy supply and demand data from the 21 member economies. The APEC Energy Statistics 2023 and APEC Energy Handbook 2023 will be published online and in hardcopy, respectively, in March 2026.

The 23rd APEC Workshop on Energy Statistics, focusing on the preparation of instruments for end-use energy consumption surveys, was held on 17-19 September 2025 in Tokyo, Japan. The workshop aimed to follow up on improvements in data collection made by member economies after the previous workshops that EGEDA conducted in 2020, 2021, 2022, and 2023. Experts from IEA, IRENA, and the US EIA were invited as guest speakers.

The short-term course of the EGEDA Training Program on Energy Statistics for fiscal year 2025/2026 was held from 19 to 30 January 2026. There were 7 participants from 6 economies namely: Indonesia, Papua New Guinea, the Philippines (2), Russia, Thailand, and Viet Nam.

MILESTONE

The 24th APEC Workshop on Energy Statistics, focusing on transportation statistics-energy efficiency indicators and new transport technologies, will be held from 30 September to 2 October 2026 in Tokyo, Japan. Experts from the IEA, the US EIA, the APEC Land Transport Experts Group of APEC TPTWG and government statisticians in member economies will be invited as guest speakers and resource persons.

The short-term course of the EGEDA Training Program on Energy Statistics for the fiscal year 2026/2027 will be held in Tokyo from 9 to 20 November 2026.

4. Policy Cooperative Activities

A. CAPACITY-BUILDING WORKSHOPS FOR ENERGY EFFICIENCY AND CONSERVATION POLICY (CBWS/EECP)

BACKGROUND

Since 2009, APERC has been conducting the APEC Peer Review on Energy Efficiency (PREE) project in response to the APEC Leaders' Sydney Declaration of September 2007. This was a voluntary peer review mechanism aimed at assisting members in developing policies that improve energy efficiency. In view of its success, PREE has expanded into several activities such as:

- 1) The Follow-up PREE that started in 2012 aimed at following up on the implementation of recommendations at the former hosting economies.
- 2) The Energy Efficiency Policy (EEP) Workshop succeeded CEEDS(*) and was conducted from 2016 to 2024 with the same purpose as CEEDS.

*Cooperative Energy Efficiency Design for Sustainability (CEEDS was an APEC project conducted from 2010 - 2013, providing a capacity-building opportunity for robust policymaking development in APEC

As of 2024, APERC has successfully completed 13 phases of the PREE project, comprising 11 PREEs, seven Follow-up PREEs, and eight EEP workshops. The last of the activities included the Follow-up PREE in Chile, conducted from 6 to 10 May 2024 and the 8th EEP workshop held on 5 November 2024. All reports are posted on the [APEC](#) and [APERC websites](#).

To address a broader need for capacity building in energy efficiency that will benefit a wider number of APEC members, APERC developed the project Capacity-Building Workshops for Energy Efficiency and Conservation Policy (CBWS/EECP) to succeed the PREE project.

In the global race to energy transition toward decarbonization, APEC will play an essential role as the region includes some of the world's largest energy-consuming member economies. There should be various pathways in the energy transition based on different economic and energy situations. Each economy needs to have the energy policy formation capacity to choose its best pathway

The CBWS/EECP is a one-day workshop with a different focus theme in each workshop to be held in conjunction with the EGEEC biannual meeting. The workshop will try to address the APEC members' increasing concern about developing policies and programs towards energy transition. Specifically, CBWS/EECP aims for the following:

OBJECTIVE

- Identifying common challenges to improving energy efficiency of the member economies.
- Sharing best practices from the members based on the selected case or theme; and
- Proposing new ideas or recommendations to improve the energy efficiency of the member economies.

PROGRESS

In 2024, APERC proposed the CBWS/EECP Phase 1 project, which was endorsed and approved for APEC funding in November 2024.

- The Capacity Building Workshop on Energy Efficiency and Conservation Policy “Members’ Journey with MEPS” was held in the margins of the joint EGEEEC65/EGNRET63 meeting and Associated Workshops in Seoul, Korea, on 18 November 2025.

In 2025, APERC proposed the CBWS/EECP Phase 2 project, which was endorsed and approved for APEC funding in November 2025.

MILESTONE

The draft Workshop Summary Report of the phase 1 project was endorsed at the EWG level and is awaiting final approval and publication number from the APEC secretariat.

B. CAPACITY-BUILDING WORKSHOPS FOR NEW AND RENEWABLE ENERGY POLICY (CBWS/NREP)

BACKGROUND

In response to the Fukui Declaration in June 2010, APERC conducted the Peer Review on Low-Carbon Energy Policies (PRLCE) project. Modelled after PREE, PRLCE assisted volunteer economies in developing policies that support energy security and environmental protection through promoting low-carbon energy supply (e.g. renewable energies).

Since 2012, APERC has completed five phases of the PRLCE project, which consisted of seven PRLCEs. The last activity was the successful holding of the PRLCE in Peru from 5-7 December 2023. The reports were published on both the [APEC](#) and [APERC websites](#).

To respond to a broader need to promote new and renewable energy that will benefit a wider number of APEC members, Japan developed the project Capacity-Building Workshops for New and Renewable Energy Policy (CBWS/NREP) to succeed the PRLCE project.

The workshop aims to build the members' policy capacities in promoting new and renewable energy (NRE) and contribute to the global energy transition, doubling the share of modern renewables in the energy mix and achieving other NRE-related goals.

The CBWS/NREP is a one-day workshop with a different focus theme in each workshop to be held in conjunction with the EGNRET biannual meeting. The workshop will try to address the APEC members' increasing concern about developing policies and programs towards energy transition. Specifically, CBWS/NREP aims for the following:

OBJECTIVE

- Identifying common challenges in implementing new and renewable energy-related policies of the member economies.
- Sharing best practices among members based on the selected case.
- Proposing new ideas to improve the existing or, in the absence of any, develop new and renewable energy policies of the member economies

PROGRESS

In 2024, APERC proposed the project Capacity-Building Workshops for New and Renewable Energy Policy (CBWS/NREP) and was approved for APEC funding. CBWS/NREP will be held in conjunction with the EGNRET biannual meetings.

In 2026, Project Session 1, APERC submitted the Concept Note for the project Capacity-Building Workshops for New and Renewable Energy Policy (CBWS/NREP) Phase 2.

MILESTONE

The Capacity Building Workshop for New and Renewable Energy Policy “RE Policies: Are We On The Right Track?” will be held in the margins of the Joint EGNRET64/EGEEC66 meeting on 31 March 2026 in Bangkok, Thailand.

C. OIL & GAS SECURITY INITIATIVE (OGSI)

BACKGROUND

APEC Energy Ministers met in St. Petersburg, Russia, from 24 to 25 June 2012. They encouraged the EWG and APERC to work on activities to improve the response to oil and gas emergency situations, including emergency response workshops and exercises. EWG and APERC are expected to perform these activities in collaboration with the International Energy Agency (IEA) and the Association of Southeast Asian Nations (ASEAN).

This instruction by energy ministers was confirmed at the highest level: APEC leaders agreed to promote activities to improve the response to oil and gas emergency situations in the APEC region at Vladivostok, Russia, from 8 to 9 September 2012.

As part of the APEC Oil & Gas Security Exercises (OGSE), APERC organized two fora and two exercises. The first Security Forum, a kick-off meeting, was held from 18 to 19 April 2013 in Tokyo. Scenarios for the Security Case Study Exercises were developed by APERC with the cooperation of outside experts. The first exercise was a joint exercise by Southeast Asian APEC economies from 17 to 19 September 2013, held in Bangkok, Thailand. The second exercise was carried out for Indonesia from 22 to 24 October 2013 in Jakarta. The results of the two exercises were presented at the second Security Forum, a wrap-up meeting held on 25 March 2014 in Tokyo. Likewise, APERC’s survey on the Development of APEC’s Approach to Oil and Gas Security was drafted and discussed during the said Forum. Results of the Exercises and the survey were compiled into a Final Report, which was presented to the EWG47 meeting.

In reporting the result of OGSE to the EWG47 meeting, APERC proposed the APEC Oil & Gas Security Initiative (OGSI), a new project that succeeded OGSE. OGSI consists of three pillars: Oil & Gas Security Exercise (OGSE) on a voluntary basis and not on a scheduled basis, Oil & Gas Security Network (OGSN) by officials in charge of oil and gas security policy in each economy, and Oil & Gas Security Studies (OGSS) on research topics related to oil and gas security in the APEC region.

OGSI was endorsed as an APEC Self-Funded project at the EWG48 meeting.

OBJECTIVE

The key objectives of OGSI’s major pillars are:

1. To provide vital information on global developments and issues on oil and gas security;
2. To share experiences and insights on the challenges confronting the APEC economies relating to oil and gas security and supply emergency threats; and

3. To establish and apply APEC Oil and Gas Security Exercise Model Procedure as a guiding framework to address different emergency supply scenarios.

PROGRESS

The Philippines volunteered to undertake the 1st APEC Oil and Gas Security Exercise (OGSE) under the Oil and Gas Security Initiative, focusing on oil and gas supply emergencies. The OGSE in the Philippines was held in Manila from 7 to 9 December 2015. This OGSE was also the first case to apply and test the implementation of the APEC Oil and Gas Security Exercise Model Procedure (EMP). The report of OGSE in the Philippines was presented at the second Energy Resiliency Task Force meeting held in conjunction with the EWG51 meeting.

The 2nd OGSE in Australia was held in Melbourne from 29 to 31 March 2017 with a focus on regional capacity building. Representatives from Indonesia, the Philippines, and Thailand also participated.

The 3rd OGSE in Peru was held in Lima from 6 to 8 November 2017. Its final report was published on the APEC and APERC's websites in July 2018.

The 4th OGSE in Chile was held in Santiago from 13 to 15 March 2019. It was a 'blind' exercise where participants were briefed about hypothetical oil and gas supply disruptions without prior notice, with seven experts from different institutions forming the Review Expert Team. The final report was endorsed by EWG and has been available on the APEC and APERC websites since December 2019.

The 5th OGSE, which was postponed in 2020 due to the COVID-19 pandemic took place in Bangkok from 6 to 8 September 2023 hosted by the Ministry of Energy of Thailand. The exercise covered the supply emergency scenarios in oil and gas. The summary report was approved and published on both the APEC and APERC websites in February 2024.

The 6th OGSE in Indonesia was held in Bali, Indonesia from 3 to 6 February 2025. The summary report was published on both APEC and APERC websites in October 2025.

The OGS Newsletter, part of the Oil and Gas Security Network (OGSN), has been produced and circulated bi-monthly since December 2014. In conjunction with APERC's independence in April 2020, all articles in the OGS Newsletter have been solely written by the APERC researchers starting from the 33rd issue released in the same month. To date, 68 OGS Newsletters have been released.

The 1st OGSN Forum was held in Kitakyushu City, Japan, from 23 to 24 April 2015 and the initial results of the OGSS as well as EMP were presented. The 2nd OGSN Forum was held in Kagoshima City, Japan, from 10 to 11 March 2016, and APERC reported the implementation of OGSE in the Philippines, the results and the progress of OGSS. Representatives from 19 APEC economies and five international and regional energy organizations participated in the Forum. Australia held a session on the risk management principles for energy security. The 3rd OGSN Forum was held in Irkutsk City, Russia, from 29 to 30 June 2017. The 4th OGSN Forum was held in Tokyo, Japan, from 7 to 8 March 2018 in conjunction with the EGCFE Oil & Gas meeting on 9 March 2018. The 5th OGSN Forum was held in Sendai City, Japan, from 10 to 12 April 2019 in conjunction with the 2nd EGCFE Oil and Gas meeting. The 6th OGSN Forum was virtually held on 21 April 2023 after four years of postponement due to the COVID-19 pandemic in conjunction with EGCFE 2023 on 20 April 2023, which was the first meeting after the rescoping of the expert group. The 7th OGSN Forum was held in person in Osaka, Japan, from 20 to 21 March 2024. The 8th OGSN Forum was held in Hong Kong, China, on 8 April 2025 alongside the Joint Meetings of EWG's Four Expert Groups: EGEEC, EGCFE, EGEDA, and EGNRET.

Six OGSS reports on Oil Supply Security and Emergency Policy in the APEC region, the Impact on Oil Distribution, the Energy Reform in Mexico, Prospects and Compromise Points of the Arab Spring, Petroleum Product Trading and Security, and Melting of the Arctic Sea Ice were published on the APERC website in November 2015. One report on Plans for Fuel Supplies during Disasters in Expectation of Nankai Megathrust Earthquakes was published in October 2016. Four studies on Oil and Gas Security Indexation, Impact of Low Oil Price on Energy Security, Natural Gas Security in APEC, and Superiority of LPG: A Disaster-Resistant Energy Source were published in 2017. Three more reports were published in the summer of 2018: Energy Security of APEC Economies and Changing Downstream Oil Environment, Investments in Natural Gas Supply Chain under the Low Price Environment, and APEC Oil and Gas Security Indexation 2017 Update. In 2019, two reports were completed and published in September: Small-scale LNG in Asia Pacific and Emerging Energy Security Risks in Changing Energy Landscape. The 17th OGSS report entitled “Changing LNG Market Dynamics – Impacts on Supply Security in the APEC Region” was published in September 2020. The 18th OGSS report entitled “Impact of COVID-19 on Oil and Gas Security” was published in April 2022. The 19th OGSS report entitled “Oil and Gas Security During the Energy Transition” was published in September 2023. The 20th OGSS report, “What are the Energy Security Implications of Recent Declines in Both APEC and Global Spare Petroleum Refining Capacity?” was published in April 2025.

MILESTONE

The OGS Newsletter will continue to be published every other month, and the next issue (Issue No. 69) is scheduled to be published by the end of April 2026.

The 9th OGSN Forum will be held in Tomakomai, Hokkaido, Japan, from 9 to 11 June 2026 in conjunction with EGCFE 2026.

The 21st OGSS study, themed “The Energy Security Implications of Declining LNG Investment,” is currently being finalized to be published in the first half of 2026. The topic of “The Energy Security Implications of Upstream Oil Underinvestment” was approved for the 22nd OGSS during the EGCFE 2025 meeting on 10 April 2025. Key issues and preliminary findings will be presented at the 9th OGSN Forum in Tomakomai, Japan, in June 2026.

D. APEC WORKSHOP ON CLEANER AND MORE EFFICIENT OPERATION OF THE FOSSIL ENERGY INDUSTRY

BACKGROUND

While APEC member economies have been committed to increasing clean energy supply and promoting energy transitions, fossil energy is still an important part of their energy supply due to the circumstances of resource endowment and stage of development, and is expected to be so for some time. It is imperative for the fossil energy industry in the APEC region to be as sustainable as possible by reducing emissions and improving efficiency to reduce negative environmental effects while maintaining energy security.

OBJECTIVE

The key objective of the project is to build capacity on the following improvement opportunities in the fossil energy industry.

- Electrification opportunities in the fossil energy industry (Electrification of upstream operation, Electrification of midstream and downstream operation, Cogeneration systems in refineries, and Integration of low-carbon electricity in fossil energy industry operations)
- Advanced energy management systems and energy efficiency opportunities in the fossil energy industry (Energy information monitoring, Energy loss monitoring, waste heat recovery, and optimization, and Energy efficiency in upstream operations, including opportunities for AI, machine learning, etc.)

This project consists of a capacity-building workshop that will provide the fundamental technical knowledge needed to improve the fossil energy industry in terms of energy efficiency and the associated emissions savings for policymakers and other relevant officials. The project outputs include a background research report, a capacity-building workshop, and a workshop summary report.

PROGRESS

The project proposal for the APEC Workshop on Cleaner and More Efficient Operation of the Fossil Energy Industry was endorsed in October 2024.

The capacity building workshop will provide fundamental technical knowledge to policymakers and relevant officials in APEC economies to identify feasible solutions and advice regarding electrification in the fossil energy industry, integration of zero and low-carbon energy in the fossil energy industry, energy and fuel efficiency measures, and the benefits of the associated emissions savings.

The background research report was completed in July 2025.

The first workshop was held in Tokyo, Japan, on 3-4 December 2025. The discussion was conducted based on the findings of the background research report.

MILESTONE

To follow up on this project, the APEC Workshop on Cleaner and More Efficient Operation of the Fossil Energy Industry 2026 will be proposed for the 2026 Project Session 1 based on the findings of the project.

E. CLEAN AND LOW-CARBON HYDROGEN (CLCH) POLICY CONVENTION

BACKGROUND

In 2024, the 14th APEC Energy Ministerial Meeting endorsed the APEC Policy Guidance to Develop and Implement Clean and Low-Carbon Hydrogen Policy Frameworks in the Asia-Pacific, marking a significant step toward fostering hydrogen development as a key driver of regional decarbonization and energy resilience. Building on this momentum, the current project seeks to establish a regional network of hydrogen policymakers across APEC economies to support continued policy development and coordination.

OBJECTIVE

This project supports APEC's Policy Guidance on Clean and Low-Carbon Hydrogen by assessing hydrogen promotion initiatives and supporting APEC member economies to develop effective strategies. Through the APEC CLCH Annual Convention and a comprehensive APEC CLCH Policy

Progress Report, the project aims to monitor policy development and establish a regional network of hydrogen policymakers to improve information sharing, strengthen policy coordination, and strategic planning.

PROGRESS

The concept note was endorsed by the EWG members on July 18, 2025.

MILESTONE

The first CLCH Annual Convention will be held in Hong Kong, China, in May 2026 and will focus on demand creation, the exchange of best practices, and the development of a coherent and integrated hydrogen market across the Asia-Pacific region. Planning is underway.

The Progress Report will provide a baseline assessment of hydrogen policy developments in APEC and will be updated annually to monitor progress, identify opportunities, and support strategic planning. Key outcomes from the May 2026 Convention will be disseminated through APEC channels to inform future policy coordination efforts.

II. FUTURE WORK PLAN

APERC's Future Work Plan is designed to assist EWG in responding to the instructions by APEC Energy Ministers for the coming years as described in Part I.

APERC conducts research activities, particularly producing the *APEC Energy Demand and Supply Outlook*. In addition, APERC, as the designated executant, assists project overseers by carrying out APEC projects on the condition that a budget from the APEC fund is approved for those projects by the APEC BMC.

As agreed in EWG47, APERC is now directly responsible to EWG. APERC will keep close cooperation with the Expert Group of Energy Data and Analysis (EGEDA) as well as other expert groups and taskforces under EWG in planning and implementing its activities.

1. Research Activities

A. APEC ENERGY DEMAND AND SUPPLY OUTLOOK

The Outlook 9th edition was published in December 2025. A model update process is currently underway. Existing models are being transferred to the LEAP modelling system to ensure an ongoing resilient platform for Outlook modelling. The update also assists in reducing the production cycle of Outlook 10 to a two-year process. Publication of Outlook 10 is targeted for Q4 2027.

B. APEC ENERGY OVERVIEW

Publication of the APEC Energy Overview 2026 is on track and expected in June 2026.

C. TOPICAL STUDIES

APERC will publish three APERC Fossil Fuel Reports (Coal, Gas, and Oil) in 2026 in support of the EGCFE. The APERC Hydrogen Report will be replaced with the APEC CLCH Progress Report. In

addition, APERC will encourage its researchers to conduct research on energy affairs and policies in the APEC region for the interest of APEC economies.

2. Accepting Trainees and Dispatching Experts

APERC awaits proposals from APEC economies to send experts.

The cooperation course on “Energy Future of the Asia-Pacific Region” at Kyoto University Graduate School of Energy Science for the school year 2026-2027 will start in October 2026.

3. Building APEC Energy Data Network

The following are the plans for FY2025/2026:

1. Collect, process and analyze the 2023 annual energy demand and supply data,
2. Publish the APEC Energy Statistics 2023 and APEC Energy Handbook 2023,
3. Hold the EGEDA short-term training course on energy statistics in November 2026.
4. Participate in international cooperation on energy statistics such as the Energy Statistics Development Group (ESDG) of IEA, JODI, International Energy Statistics (InterEnerStat) meetings, etc.

4. Policy Cooperative Activities

A. CAPACITY-BUILDING WORKSHOPS FOR ENERGY EFFICIENCY AND CONSERVATION POLICY (CBWS/EECP)

To succeed PREE activities, APERC will hold Capacity-Building Workshops for Energy Efficiency and Conservation Policy (CBWS/EECP) in conjunction with the EGEEC biannual meetings from 2025 onward. Preparation for the implementation of Phase 2 of the project will begin in the second half of 2026.

B. CAPACITY-BUILDING WORKSHOPS FOR NEW AND RENEWABLE ENERGY POLICY (CBWS/NREP)

To succeed PRLCE activities, APERC will hold Capacity-Building Workshops for New and Renewable Energy Policy in conjunction with the EGNRET biannual meetings from 2026 onward. Phase 2 of the project will be proposed for the 2026 Project Session 1.

C. OIL & GAS SECURITY INITIATIVE (OGSI)

Malaysia will host the seventh OGSE in 2026.

APERC will continue to issue the OGS Newsletter every other month. The 9th OGSN Forum will be held in Tomakomai, Hokkaido, Japan, in June 2026.

Upon completion of the 21st OGSS, APERC will commence working on the 22nd OGSS study with the topic “The Energy Security Implications of Upstream Oil Underinvestment.”

D. APEC WORKSHOP ON CLEANER AND MORE EFFICIENT OPERATION OF THE FOSSIL ENERGY INDUSTRY

Based on the findings of the APEC Workshop on Cleaner and More Efficient Operation of the Fossil Energy Industry held in December 2025, the follow-up project 2026 will be proposed for the 2026 Project Session 1.

E. CLEAN AND LOW-CARBON HYDROGEN (CLCH) NETWORK

The first CLCH Annual Convention will be held in Hong Kong, China, in May 2026.

III. RESEARCH MANAGEMENT

1. APERC Annual Conference

The APERC Annual Conference is held to gather experts from around the world to help APERC's research activities.

The 2026 APERC Annual Conference is planned to be held from 22 to 23 April 2026.

2. APERC Advisory Board

Establishing the APERC Advisory Board was endorsed by the EWG16 meeting in Cairns, Australia, in August 1998. The Terms of Reference were endorsed by the EWG17 meeting in Oakland, the United States, in April 1999.

The Advisory Board is a group of representatives of major research institutions located in the APEC region who help facilitate APERC's cooperative research. Its primary role is to give professional advice on APERC's ongoing and proposed research, such as methodologies, approaches, databases, and information sources, as well as relevant experts to be involved. APERC carefully considers the advice provided by its Advisory Board members in proposing its research plan to the EWG.

The 2026 Advisory Board Meeting is planned to be held on 22 April 2026 in conjunction with the APERC Annual Conference.

IV. APERC RESEARCH STAFF

APERC visiting researchers are generally drawn from energy research organizations, both government and non-government, in APEC member economies. The minimum term of visiting researchers supported by APERC's budget is one year, which may be extended subject to consultations between APERC and the visiting researcher.

APERC would like to invite all economies to nominate candidates for visiting researchers to serve at APERC. In principle, APERC accepts one researcher from each APEC member economy.

APERC offers to the visiting researchers: 1) living allowance; 2) furnished housing in Tokyo; 3) family, education, commuting and moving allowances; and 4) health insurance.

As of 10 March 2026, APERC has a total of 27 research staff, of which 15 are visiting researchers from APEC economies.

Table 1: APERC Research Staff

| Name |
|---|
| Kazutomo IRIE (Chairman/President) |
| Robert TROMOP (Senior Vice President)* |
| Mitsuhiro TAKADA (Vice President/General Manager) |
| Yoshiaki IMAIZUMI (Deputy General Manager) |
| Edito BARCELONA |
| Thanan MARUKATAT* |
| Elvira Torres GELINDON |
| Juniko Parlinggoman PARHUSIP* |
| Mohd Shah Hambali Bin ARIFIN* |
| Jungyoon KIM* |
| Sih Ting (Tarcy) JHOU* |
| Alexander ERMAKOV* |
| Fabian Andres BUSTOS OLAVARRIA* |
| Nobuhiro SAWAMURA |
| Finbar Barton MAUNSELL* |
| Rodrigo MARTINEZ PICAZO* |
| Leanne Nicole SARGENT* |
| Yasmin FOULADI* |
| Daniel Victor BURLUTSKY* |
| Yishan ZHENG* |
| TRAN Le Kieu Ly* |
| Risa PANCHO |
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V. REVENUE AND EXPENSES

Since its inception, APERC's budget has been provided by the Japanese government and, in fiscal 2004, 2005, and 2006, also by the Australian government.

This budget has been used to facilitate research activities, cooperative efforts, know-how transfer programmes to the member governments, and the energy data network service.

The table below is a summary of annual financial statements since APERC was established in July 1996.

Table 2: APERC Revenues and Expenses

Unit: million yen

| Fiscal Year | 1996 9mm | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|--|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Revenue from: Japanese Government | 374 | 626 | 681 | 729 | 619 | 634 | 594 | 547 | 525 | 528 | 498 | 446 | 447 | 418 | 409 |
| Australian Government | | | | | | | | | 8 | 8 | 8 | | | | |
| Total of Revenue | 374 | 626 | 681 | 729 | 619 | 634 | 594 | 547 | 533 | 536 | 506 | 446 | 447 | 418 | 409 |
| Expenses: | | | | | | | | | | | | | | | |
| Energy Efficiency/APEC Energy Demand & Supply Outlook/ Related Research Programmes Oil & Gas Security | 227 | 443 | 494 | 550 | 455 | 469 | 434 | 390 | 379 | 377 | 377 | 338 | 339 | 318 | 315 |
| Energy Data Network & Know-How Transfer | 147 | 183 | 187 | 179 | 164 | 165 | 160 | 157 | 154 | 159 | 129 | 108 | 107 | 100 | 94 |
| Total of Expenses | 374 | 626 | 681 | 729 | 619 | 634 | 594 | 547 | 533 | 536 | 506 | 446 | 447 | 418 | 409 |
| Fiscal Year | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
| Revenue from: Japanese Government | 425 | 494 | 580 | 657 | 653 | 689 | 672 | 672 | 672 | 672 | 672 | 672 | 672 | 556 | 591 |
| Total of Revenue | 425 | 494 | 580 | 657 | 653 | 689 | 672 | 672 | 672 | 672 | 672 | 672 | 672 | 556 | 591 |
| Expenses: | | | | | | | | | | | | | | | |
| Energy Efficiency/APEC Energy Demand & Supply Outlook/ Related Research Programmes Oil & Gas Security | 308 | 325 | 325 | 432 | 501 | 522 | 423 | 388 | 406 | 338 | 330 | 474 | 492 | 421 | 411 |
| Energy Data Network & Know-How Transfer | 94 | 86 | 107 | 68 | 183 | 124 | 161 | 119 | 100 | 59 | 43 | 224 | 263 | 175 | 133 |
| Total of Expenses | 402 | 411 | 500 | 600 | 781 | 737 | 670 | 580 | 550 | 437 | 463 | 788 | 837 | 675 | 606 |