

1st Quarter | January-March 2021



Purnomo Yusgiantoro Center

E-NEWSLETTER

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A Message from the Chairperson

Hello from Purnomo Yusgiantoro Center (PYC)!

It has been a year since the Covid-19 was detected in Indonesia. On one hand, we have learned how a virus could give worldwide multi-sectoral disruptions from the Covid-19 pandemic. On the other hand, we were also given an opportunity to rethink some important strategies for our future development plans, including the future of Indonesia's energy profile. In 2021, Indonesia's economic growth is projected to be at 5.3%, and the government decided to emerge from the pandemic through a series of low-carbon development plans.

The increase in energy demand to support the country's development in combination with a growing urgency to reduce carbon emissions requires a comprehensive analysis and cooperation from the quadruple helix. Furthermore, the government must consider 4A+1S; availability, acceptability, accessibility, affordability, and sustainability to better Indonesia's energy security. With this importance of energy security, PYC will hold its third edition flagship event, PYC International Energy Conference (IEC) 2021, on the 6th of October 2021, emphasizing "The Enhancement of Energy Security for a Sustainable Future".

PYC IEC 2021 is designed to be a platform for academicians, researchers, and energy experts to share their experiences and highlight the importance of energy security enhancement in Indonesia to support a sustainable future.

We hope that our findings could be used to provide a policy brief entailing key solutions and recommendations for the government of Indonesia to enhance the country's energy security for a sustainable future. We also encourage participation to our pre-event PYC IEC 2021 in forms of paper competition, essay competition, infographics competition and photo competition. We will also have PYC Energy Awards and urge start-ups on energy or sustainable projects to apply.

There are also exciting on-going programs and activities organized by PYC to enrich knowledge and provide updated information in the energy sector, such as The Opinion, our monthly podcast Energy Drink, and weekly podcast Energy 24/7. We are planning to hold another session of The Ensign in the following weeks. So stay tune to our social media for further information.

Stay Healthy and Stay Safe!

Regards,

Filda Citra Yusgiantoro, Ph.D.

Chairperson

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Academic Corner

Evaluating the New Regulated Gas Pricing Policy for Industrial Customers in Indonesia

By: Filda C. Yusgiantoro, Massita A Cindy, Diwangkara B. Nugraha
<https://doi.org/10.33116/br.00>

Abstract

The objective of the GoI to regulate an affordable natural gas price through MEMR Regulation No. 8/2020 undoubtedly will benefit the industrial sector. However, the regulation should be carefully implemented and monitored to prevent revenue loss in the natural gas business entities and avoid underperforming gas users/industries.

The study finds three main issues in implementing the new regulated natural gas price. First, the compensation limit for the upstream natural gas entities is problematic for KKKS, whose annual loss is higher than the annual government take. Second, a detailed incentive mechanism for natural gas transmission and distribution companies is unavailable. And third, the evaluation scheme on the performance of the industry remains unclear.

Key Findings

The Compensation limit for upstream contractors could possibly not cover KKKS loss to reduce the natural gas price. No clear incentive mechanism for midstream entities could threaten the sustainability of business and infrastructure development. Unclear post-evaluation schemes for industry performance could lead to ineffective policy implementation and policy misuse.

[Click here to read the full article](#)

Enhancing Indonesia's Energy Security through the Establishment of Geothermal Holding Company

By: Muhammad Razin Abdullah (Purnomo Yusgiantoro Center)



Peaceful scenery of a geothermal power plant facility
(Hasbie Kruzen, IEC 2019 Photo Competition)

Indonesia continues to improve its renewable energy (RE) mix in order to support the Paris Agreement. Indonesia's RE mix target in 2025 was set at 23%. However, according to the presentation from the Minister of Energy and Mineral Resources for the House of Representatives, up until 2020 the achievement is still at 11.2%.

[Click here to read the full article](#)

Does Nuclear Power Have A Chance In Indonesia?

By: I Dewa Made Raditya Margenta (Purnomo Yusgiantoro Center)



Nuclear (Modern Diplomacy)

Nuclear power has been stated as the final "resort" of Indonesia's energy sources. Nevertheless, Indonesia should seriously consider bringing this energy up to diversify the national energy mix and strengthen energy security.

[Click here to read the full article](#)

Natuna Sea: Threat and Challenge for Indonesia Energy Security

By: Mayora Bunga Swastika (Purnomo Yusgiantoro Center)



Natuna Islands (from PxHere)

Natuna is one of the regions in Indonesia that has 264,198.37 square kilometers of land and sea. Natuna has natural resources and various marine commodities that would make it a great potential to be developed. The potential of Natuna marine fish resource is 504,212.85 tons per year in 2011. The fishing locations are 4 nautical miles outside the Natuna Sea.

[Click here to read the full article](#)

Indonesia's Car Sales Tax Cut May Harm The Environment, Requiring Another Policy To Reduce Emissions

By: Haryanto (Purnomo Yusgiantoro Center)



A worker inspects new cars ready to be exported in Tanjung Priok port in Jakarta (ANTARA FOTO/Aditya Pradana Putra)

Indonesia as the Southeast Asia's largest economy, has provided a tax incentive in the form of car sales- tax cut to help the country's automotive industry recover from the impact of COVID-19 pandemic. However, this tax cut could damage the environment as more cars on the street will increase carbon emissions.

[Click here to read the full article](#)

Indonesia's Energy Transition: Electric Vehicles Opportunity for the Transportation Sector

By: Akhmad Hanan (Purnomo Yusgiantoro Center)



Illustration of electric vehicle (IEC 2019/Wawan Wahjudianto)

Energy transitions give significant structural changes in energy systems. Or in other words, it is defined as the change in the composition (structure) of primary energy supply; the gradual shift from a specific pattern of energy provision to a new state of energy system. This transition process increases global energy security, with the nature of energy sustainability (Renewable Energy/RE utilization) and no longer depend on fossil energy which is not environmentally friendly. One of the implementations of the energy transition worldwide today is EV in the transportation sector.

[Click here to read the full article](#)

Corporate Green Bond for Financing Green Energy Projects in Indonesia

By: Felicia Grace & Filda Citra Yusgiantoro (Purnomo Yusgiantoro Center)



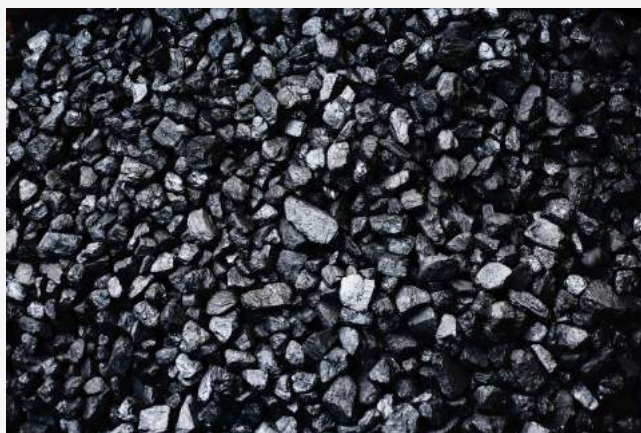
Green energy (<https://moderndiplomacy.eu/>)

With the signing of the Paris Agreement in 2016, Indonesia is committed to reducing its 29% carbon emission by 2050. The other duty is to meet its ambitious target of 23% new renewable energy by 2025. However, the most significant contributor to carbon emission in Indonesia is the energy sector. Hence, the development of green energy will play a crucial role in mitigating climate change and fulfilling the national energy mix target.

[Click here to read the full article](#)

Coal Diversification to Secure Indonesia's Progressive Energy Demand

By: Budi Prayogo Sunariyanto (Purnomo Yusgiantoro Center)



Coal illustration (from PxHere)

Rapid growth in renewable energy (RE) technology advancement will accelerate the shifting in energy sector from fossil-dominated to low-carbon energy-dominated. It is an excellent opportunity for most countries globally, especially for countries that have been ratified the Paris Agreement and agreed to pursue clean and sustainable development.

On the other hand, it is also a challenge for some countries, especially for fossils producer countries such as Indonesia. As one of the fossil-generated economy countries, Indonesia relies on fossil energy as the primary energy resource and GDP support.

[Click here to read the full article](#)

Could Biogas Hold the Key to Indonesia's Energy Dilemma?

By: Massita Ayu Cindy, Researcher at Purnomo Yusgiantoro Center
Luky Yusgiantoro Supervisor of the Purnomo Yusgiantoro Center
Published on: The Diplomat

The consumption of liquefied petroleum gas (LPG) as an energy source in Indonesia's domestic market has risen continuously over the last decade. By contrast, national LPG production has decreased since 2014 and was only able to provide around 25 percent of the country's LPG demand in 2019. It seems that without proper management, Indonesia could face a shortage of LPG in the near future.

The considerable gap between LPG demand and national production has made Indonesia increasingly reliant on LPG imports from abroad. The capacity of national LPG refineries has not increased since 2017, while existing refineries operated by upstream oil and gas contractors are dwindling.

[Click here to read the full article](#)

The Urgency of Strategic Petroleum Reserve (SPR) for Indonesia's Energy Security

By: Akhmad Hanan, Researcher at Purnomo Yusgiantoro Center
Published on: Modern Diplomacy

Indonesia is located in the Pacific Ring of Fire, which has great potential for natural disasters. These disasters have caused damage to energy infrastructure and casualties. Natural disasters usually cut the energy supply chain in a certain area, causing a shortage of fuel supply and power outages.

Besides natural disasters, energy crisis events occur mainly due to the disruption of energy supplies. This is because of the disconnection of energy facilities and infrastructure by natural disasters, criminal and terrorist acts, escalation in regional politics, rising oil prices, and others. With strategic national energy reserves, particularly the strategic petroleum reserves (SPR). Indonesia can survive the energy crisis should it happen.

[Click here to read the full article](#)

Could US-Indonesia Cooperation End China's Growing Aggression In The South China Sea?

By: Akhmad Hanan, Researcher at Purnomo Yusgiantoro Center

Published on: The EurAsian Times

The entire world is aware of China's rising aggression and unilateral claims in the South China Sea region. While all countries are busy tackling the Covid-19 problem, China continues its military aggression in the disputed territory.

And it's clear that China's actions and unilateral claims are only to control the resources in the region. China has deliberately violated the existing law by carrying out many illegal acts. It tends to overlook the fact that Brunei, Malaysia, the Philippines, Thailand, Vietnam, and Indonesia are the only nations with legal jurisdictions over the region.

[Click here to read the full article](#)

Why Indonesia and Japan must collaborate on hydrogen

By: I Dewa Made Raditya Margenta, Research Assistant at Purnomo Yusgiantoro Center

Filda Citra Yusgiantoro, Chairperson Purnomo Yusgiantoro Center

Published on: Nikkei Asia

Hydrogen is currently in the spotlight as one of the more promising renewable energy sources. For Indonesia, this is a no-brainer. Not only should Jakarta grab this opportunity, but also reaching out to Japan for its help to develop this new energy source.

As the International Energy Agency explained in the 2019 report, energy derived from hydrogen has many applications including industry, transport, heating and generating electricity. Depending on how it is produced, hydrogen also has the potential to reduce carbon emissions, with the International Renewable Energy Agency reporting that 15 countries, including three in Asia, as well as the European Union, already initiating policy strategies to support the development of hydrogen energy, with more set to join them.

[Click here to read the full article](#)

Indonesia Lags Onrenewable Energy, And Pays The Price

By: Diwangkara Bagus Nugraha, Research Assistant at Purnomo Yusgiantoro Center

Filda Citra Yusgiantoro, Chairperson Purnomo Yusgiantoro Center

Published on: The Interpreter

President of Indonesia, Joko “Jokowi” Widodo’s vision to make the country an investment destination for foreign companies seems to have neglected the growing demand for clean energy.

RE100, a group of global companies committed to using 100% renewable energy, reached an annual total electricity consumption in 2018, almost the same amount of annual total electricity consumption as Indonesia’s yearly consumption. Included in this group are big companies, such as Nike & Coca-Cola, that also have offices in Indonesia. One report stated that their clean energy goal could drive an investment opportunity of US\$94 billion.

[Click here to read the full article](#)

Can Renewable Energy Save Indonesia's Economy?

By: Felicia Grace, Research Assistant at Purnomo Yusgiantoro Center

Filda Citra Yusgiantoro Chairperson, Purnomo Yusgiantoro Center

Published on: The Asean Post

The World Health Organization (WHO) revealed that the COVID-19 cases in Indonesia are the highest in Southeast Asia. Indonesia has recorded over 800,000 cases to date and the numbers seem to be increasing by the day.

Due to the pandemic, Indonesia’s economic growth contracted at -3.49 percent by the third quarter of 2020; and there has been slowing growth in all sectors. This has also hampered the nation’s New Renewable Energy (NRE) target of achieving 23 percent of the national energy mix by 2025.

Arifin Tasrif, Minister of Energy and Mineral Resources of Indonesia, said that Indonesia has more than 400 gigawatts (GW) of renewable potential. The number reflects a huge potential for Indonesia to optimise its renewables.

[Click here to read the full article](#)

Indonesian Coal Roadmap: Optimizing Utilization amid Global Tendency to Phasing Out

By: Muhammad Razin Abdullah, Researcher at Purnomo Yusgiantoro Center
Published on: Modern Diplomacy

Indonesia is potentially losing state revenue of around USD 1.64-2.5 billion per year from the coal tax and non-tax revenues. Although currently Indonesia has abundant coal resources, especially thermal coal, the coal market is gradually shrinking. This shrinking market will negatively impact Indonesia's economy. The revenue can be used for developing the country, such as for the provision of public infrastructures, improving public education and health services and many more.

[Click here to read the full article](#)

How Crowdfunding can Accelerate Indonesia's Renewable Energy Development

By: Haryanto, Researcher at Purnomo Yusgiantoro Center
Published on: The Conversation

Indonesia's increasing internet penetration is a boost for crowdfunding, which gathers small amounts of capital from a large number of individuals to finance a new business venture. It's a powerful tool to gather funds quickly, cheaply and easily from the general public.

A study by Statista estimates the value of crowdfunding transactions in Indonesia will grow by 3.6% to US\$7.5 million in 2025. Given the huge opportunities crowdfunding present, we argue that Indonesia could resort to this strategy to fund green projects and help overcome the country's stalled development of renewable energy.

Renewable energy means less fuel imports and less pollution from coal-powered power plants. More clean energy will come from renewable resources such as solar, wind and hydro.

[Click here to read the full article](#)

INFOGRAPHICS

This section is a collection of infographics arranged by our research team. The data is gathered from our Data Center and various sources.

Rokan Block Towards 100% Indonesian



During the COVID-19 pandemic, a lot of attention is given to the prevention of the spreading of the coronavirus and also to the economic recovery. But how about Indonesia's greenhouse gas (GHG) emissions? What is Indonesia's progress so far in reducing the carbon emissions? This infographic highlights the key sources of GHG emissions and Indonesia's achievement to reduce it. Some policies enacted by the government are also presented. Please visit our data center: <https://datacenter-pyc.org/>

[Click here to see the full infographic](#)

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Our
Publications

Indonesian Journal of Energy Vol. 4 No. 1

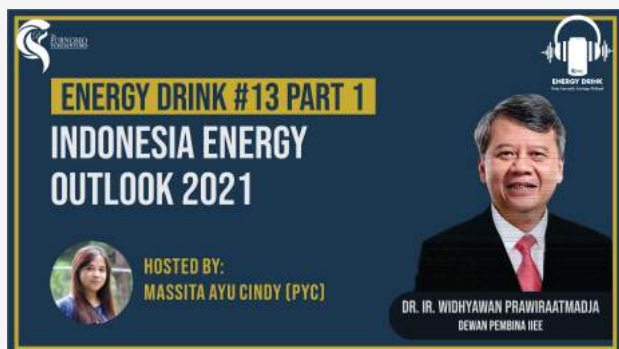
Indonesian Journal of Energy Vol. 4 No. 1 (February 2021) has been published. The following five papers are included in the journal.

1. The Coal Bio-Solubilization Technology for Energy Security by Lis Ocktty Zahara P., Cantika Setya Permatasari, Imam Supriyadi, and Anggun Andreyani.
2. Techno-Economic and Feasibility Assessment of Cryogenic Distillation Membrane (CDM) for Purification Natural Gas from CO₂ by Agra Y. Bachtiar, Ayyub C. Annas, Alifah N. A. Fajrin, Muhammad H. Rizwan, and Indah R. Kartikasari.
3. Applying Artificial Neural Network and XGBoost to Improve Data Analytics in Oil and Gas Industry by Ricky Simanjuntak, and Dedy Irawan.
4. Understanding the Potential of Bio-Carbon Capture and Storage from Biomass Power Plant in Indonesia by Zefania Praventia Sutrisno, Attaya Artemis Meiritza, and Anggit Raksajati.
5. Complexity of Barriers to Biogas Digester Dissemination in Indonesia by Ibnu Budiman.



[Click here to access our journal](#)

Energy Drink by PYC Ep. 13 - “Indonesia Energy Outlook 2021” - (ft. Dr Widhyawan Prawiraatmadja)



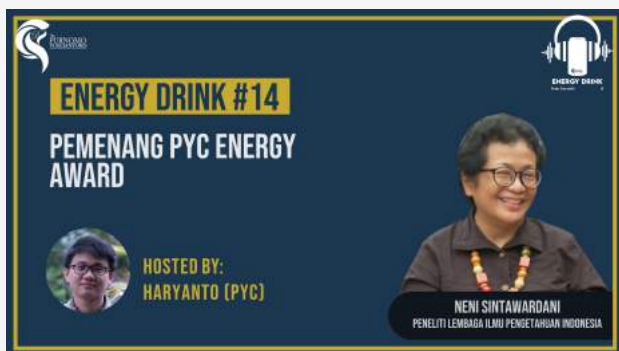
On the last podcast episode of Indonesia Energy Outlook 2021 Part 1, PYC invited Dr. Widhyawan Prawiraatmadja or Mr. Wawan to explore his opinion on Indonesia Energy Outlook 2021.

In this second part, we will dig deeper into the reasons to make us think optimistically about the energy sector going forward. Also the answers to questions such as: Is clean energy really expensive? What should Indonesia do in order to get out of the middle-income trap and start to focus on net-zero emissions amidst various limitations of the Government?

Click the logo below to access our podcast!



Energy Drink by PYC Ep. 14 - “Pemenang PYC Award” (ft. Neni Sintawardani)



In this podcast, PYC invited Ms. Neni Sintawardani, a researcher at the Indonesian Institute of Sciences (LIPI), to share her experience in developing biogas from waste processing from a tofu factory in West Java.

This podcast will answer some questions. What are the benefits of using biogas? What are the opportunities and challenges for developing biogas? How to develop a sustainable biogas ecosystem?

As one of the 2019 PYC Energy Awards recipients, Ms. Neni also shared her impressions and messages in this podcast.

Click the logo below to access our podcast!



Energy Drink by PYC Ep. 15 - “Peran Startup EBT dalam Mewujudkan Ketahanan Energi Indonesia” (ft. Aditya Mulya Pratama)



In this podcast, PYC invited Aditya Mulya Pratama, Project Manager, New Energy Nexus, to discuss the role of startups in actualizing energy security in Indonesia.

This podcast will answer some questions. How is the development of energy startups in the world? What are the challenges and opportunities for developing energy startups in Indonesia? How can the role of energy startups help Indonesia improve energy security?

Everything will be discussed exclusively with Aditya Mulya Pratama and a member of our research team, Dewa.

Click the logo below to access our podcast!



Energy 24/7



Hey! We created a new series, Energy 24/7, in our Energy Drink Podcast. We cover the latest news in the energy sector and present it to you every Saturday. Keep updated with the latest energy updates by listening to Energy 24/7!

Click the logo below to access our podcast!



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Events in

Energy Sector

EVENTS IN ENERGY SECTOR

Bicara Indonesia Ep.2 Energy For Sustainable Future by PPI UK



On 21 February 2021, one of PYC researchers, I Dewa Made Raditya, was invited by PPI UK to convey his views on Indonesia's Energy Security in Indonesian Talk.

Bicara Indonesia is a pre-event for the Indonesian Scholars International Convention (ISIC) 2021 organized by PPI UK. In Bicara Indonesia, Dewa highlighted that efforts to strengthen national energy security are critical to support a sustainable future.

Strengthening energy security can be done by encouraging energy diversification by increasing new and renewable energy mix and promoting natural gas as a bridging fuel.

For this reason, the government needs to enact supporting policies so that energy diversification can run smoothly. Also, academicians and research institutions' notes are crucial in producing research that can be used as input for the government in formulating a development strategy and supporting policies.

AISChat 4 - Eco-City Development



One of the PYC researchers, Haryanto, was one of the speakers, together with Prof. Martin de Jong from Erasmus University, Netherlands, in AISChat 3 held on 23 January 2021 by AISChE Indonesia Student Conference (AISC) 2021 team.

This pre-event of the AISC 2021 Conference was attended by students, lecturers, public and others. Haryanto presented the role of renewable energy in eco-city development, while Prof. Martin discussed the eco-city development in China.

As there is a growing concern for sustainable development around the world, eco-city receives more attention as one of the approaches to develop the urban areas while paying attention to environmental, socioeconomic and technological aspect.

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Social Initiatives

Handover of Mr. Sahid's Research Paper to PYC



Purnomo Yusgiantoro Center (PYC), a non-profit organization engaged in research, always supports the results of research works. Through a ceremony held at the PYC office, four research papers were carried out by the late Mr. Sahid during his study and professional career at the State Audit Agency (BPK) was handed over to PYC for further advancement and research. The themes of those papers are:

1. Manajemen Strategik Berbasis Manfaat: Sendi Operasi Good Governance Berwawasan Lingkungan.
2. Pemeriksaan Manajemen: Meningkatkan Kinerja Organisasi dan Tatakelola Sumber daya Secara Ekonomis, Efisien dan Efektif.

3. Strategi Bina Pemerintahan yang Baik, Bersih dan Berwibawa.
4. Pemeriksaan Manfaat: Akselerasi Pencapaian Manfaat Secara Efektif dan Efisien.

The handover ceremony was represented by Mrs. Filda Yusgiantoro, Ph.D., the Chairman of PYC, and Mrs. Saworsih, the wife of the late Drs. Sahid. Furthermore, the ceremony was also attended virtually by the PYC team and Lemhannas Indonesia Regular Course Class 25 (KRA 25 Lemhannas) alumni.

Major General Pol. (Purn) Drs. Pamudji Soetopo, SH.MH., gave a speech during the ceremony, representing the KRA 25 Lemhannas alumni. Moreover, the closing statement was delivered by Mrs. Lis Purnomo Yusgiantoro as the representative of the board members of PYC.

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Upcoming
Events

The Ensign



THE ENSIGHT

The Ensign is for you who wants to know more about Indonesia's energy sector. Come and join us soon in April 2021. We will invite experts to do a discussion with you. Check our social media for the news update.

Don't miss the next issue of The Ensign on 10 April 2021

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More from Us

PYC International Energy Conference 2021

Pre-event Competition



Infographic Competition

With a total prize **IDR 9,000,000**

Topics:

- Energy Security
- Dynamics and Geopolitics
- Clean Energy Regulation and Environmental Policy
- Eradication of Energy Poverty
- Energy-Economic Forecast and Modelling
- Sustainable Energy Investment
- Energy Market Analysis
- Sustainable Development and Utilization of Fossil Fuel
- Sustainable Technology Innovation
- Clean Energy Integration



Essay Competition

With a total prize **IDR 8,000,000**

Topics:

- Energy Security
- Dynamics and Geopolitics
- Clean Energy Regulation and Environmental Policy
- Eradication of Energy Poverty
- Energy-Economic Forecast and Modelling
- Sustainable Energy Investment
- Energy Market Analysis
- Sustainable Development and Utilization of Fossil Fuel
- Sustainable Technology Innovation
- Clean Energy Integration



Photo Competition

With a total prize **IDR 7,250,000**

Topics:

- Energy Security
- Energy and Environment
- Human and Energy Interaction
- Energy Poverty
- Green Energy

Submit to **bit.ly/IEC2021-COMPETITION**
prior to **6 August 2021**

For more information, please visit **www.iec-pyc.org**



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iec@pycenter.org

Paper Competition 2021

"The Enhancement of Energy Security for a Sustainable Future"



Sub-themes:

- Energy Security
- Energy Economics
- Energy analysis
- Energy Modeling
- Energy Planning
- Energy Conservation
- Energy Efficiency
- Energy Innovation
- Energy Geopolitics
- Integrated Energy Systems
- Environmental and Energy Management
- Fuel and Energy Technology
- Biomass and Bioenergy
- New and Renewable Energy
- Energy Storage
- Energy Finance
- Energy Law and Policy

TOTAL PRIZE: IDR 18,750,000

Submit: papercompetition@pycenter.org

Deadline: **31 May 2021**

Paper Guidelines:

bit.ly/PYC2021-PAPERCOMPETITIONTEMPLATE

For more information, please visit www.iec-pyc.org



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CALL FOR PAPERS

Indonesian Journal of Energy
Volume 4 No. 2 | August 2021

The journal welcomes papers on related topics such as energy conservation, energy efficiency, energy innovation, fuel and energy technology, biomass and bioenergy, new and renewable energy, energy storage, energy finance, energy geopolitics, as well as energy law and policy.

Visit www.ije-pyc.org for submission guideline



SHARE YOUR OPINION

We want to hear your opinion and share it to the world



Submit it to:

publication@pycenter.org
Subject: [OPINION] Your opinion title

Selected opinion will be published on PYC website



PYC ENERGY AWARD

★ 2021 ★

Criteria:

- Hold a citizenship in Indonesia
- Individuals or Communities that are not only business oriented but also possess an interest in environmental and social development (Sustainable Entrepreneur)
- The project has been implemented in the community
- The project has a positive social impact
- Has plans to develop the project in the future

Register Yourself:

<http://bit.ly/PYCENERGYAWARDS-2021>

For more information, please visit www.iec-pyc.org

CALL FOR REVIEWER

Indonesia Journal Of Energy

Indonesian Journal of Energy
Published by Purnomo Yusgiantoro
Center

Indonesian Journal of Energy (IJE) is a peer-reviewed journal published twice a year (February and August) by Purnomo Yusgiantoro Center (PYC).

The journal is a multidisciplinary journal in energy research that aims to be an authoritative source of information for analyses and reviews related to energy. The journal covers research with a strong focus on energy security, energy economics, energy analysis, energy modelling, integrated energy systems, energy planning, environmental and energy management.

The journal also welcomes papers on related topics such as energy conservation, energy efficiency, energy innovation, fuel and energy technology, biomass and bioenergy, new and renewable energy, energy storage, energy finance, energy geopolitics, as well as energy law and policy.

The journal is indexed at:



REQUIREMENTS

- ☒ Hold a master's degree with a minimum of two years of relevant professional or academic experiences from a recognizable affiliation OR hold a doctoral degree OR currently registered in a doctoral program;
- ☒ Deep understanding of the manuscripts topic and willing to give comprehensive, objective, and constructive comments for the authors;
- ☒ Able to review the manuscript within the proposed deadline.

To apply, please submit to:

<https://ije-pyc.org/>

CALL FOR ASSOCIATE EDITOR

Indonesia Journal Of Energy

Indonesian Journal of Energy
Published by Purnomo Yusgiantoro
Center

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The journal also welcomes papers on related topics such as energy conservation, energy efficiency, energy innovation, fuel and energy technology, biomass and bioenergy, new and renewable energy, energy storage, energy finance, energy geopolitics, as well as energy law and policy.

The journal is indexed at:



REQUIREMENTS

- ☒ Hold a doctoral degree from a recognizable affiliation; current an academician or a researcher from a reputable institution is desirable;
- ☒ Deep understanding of the manuscript's topic within the Indonesian Journal of Energy domain: social, technology and environmental aspect of energy. The full topic covered by the Indonesian Journal of Energy can be found here;
- ☒ Coordinate reviewers to provide comprehensive, objective and constructive comments for the authors
- ☒ Great attention to detail;
- ☒ Able to review the manuscript within the proposed deadline;
- ☒ Full professional working proficiency in English;
- ☒ Have connections or networks with potential reviewers is a must.

To apply, please submit to:

<https://ije-pyc.org/>

「JOB OPPORTUNITIES 2021」



We are looking for enthusiastic people to work with us in 2021. If you are interested in being a part of our team, please send your cover letter and CV to hr@pycenter.org (via e-mail only). Also, mention which following area(s) you are excellent for:

- RESEARCHER IN ENERGY SECTOR
- RESEARCH STAFF IN ENERGY ECONOMICS & FINANCING
- IT & SUPPORT STAFF

Stay tuned on our social media for more information!

JOB VACANCY



RESEARCHER IN ENERGY SECTOR

Responsibilities:

- Keep updated on the latest energy trends and current studies to support the research.
- Conducting research on the energy sector based on technical, economic and policy perspectives.
- Providing report analysis and journal paper on the energy sector at the national and/or global level.
- Writing individual articles and opinions related to the energy sector.
- Disseminating issues related to the energy sector to the communities.
- Attending internal and external meetings related to the research.
- Representing organization on the national/international energy-related forum.
- Building and maintaining a partnership with relevant institutions at the national and/or global level.
- Any other duties that may be required in the future.
- Support administrative tasks for Research Department activities.
- Prepare materials for Research Department activities.
- Collect data and analyzing data information.
- Undertake literature reviews and assisting report writing.
- Assist in updating the latest trends and current studies to support the research and report to the researcher/senior researcher.
- Prepare and propose research issues to the communities for researcher/senior researcher.
- Write individual opinions for PYC.
- Any other duties that may be required in the future.

Requirements:

- A minimum of a Master's degree in Engineering/Economics/Business/Environment or other related fields. A Ph.D. in a related field and knowledge of energy is an advantage.
- A minimum of 3 years of experience in a relevant research or professional experience in the energy sector.
- A minimum of 2 relevant article(s) published in the national or international mass media or academic journals.
- Have the ability to prioritize work and projects with attention to detail.
- Possess good time management to deliver high-quality work to tight deadlines.
- Highly knowledgeable on energy matters, agencies, and ministries in Indonesia, as well as in-depth knowledge in Indonesia's energy development and/or implementation.
- A highly-motivated individual with the ability to take the initiative, work independently, and collaborate with others to produce high-quality reports, articles, and presentations in a timely manner.
- Excellent command of English and capacity in writing high-quality reports and presentations.
- Proficiency in energy modeling tools and information technology is an advantage.
- Living and/or able to work in Jakarta.

Only shortlisted candidates will be notified.

To apply, please submit to: bit.ly/PYCJOBOPPORTUNITIES2021.

PLEASE NOTE THAT OUR OFFICIAL CORRESPONDENCE EMAIL IS pyc@pycenter.org

JOB VACANCY



RESEARCH STAFF IN ENERGY ECONOMICS & FINANCING

Responsibilities:

- Support administrative tasks for Research Department activities.
- Prepare materials for Research Department activities.
- Collect data and analyzing data information.
- Undertake literature reviews and assisting report writing.
- Assist in updating the latest trends and current studies to support the research and report to the researcher senior researcher.
- Prepare and propose research issues to the communities for researcher/senior researcher.
- Write individual opinions for PYC.
- Any other duties that may be required in the future.

Requirements:

- A minimum of a bachelor's degree in Economics/Business/Management or other related fields. Having basic knowledge in the energy sector is an advantage.
- Strong interest and research skills, both quantitative and qualitative methods.
- Have the ability to prioritize work and projects with attention to detail.
- Possess good time management to deliver high-quality work to tight deadlines.
- A highly-motivated individual with the ability to take the initiative, work independently, and collaborate with others to produce high-quality reports, articles, and presentations in a timely manner.
- Excellent command of English and capacity in writing high-quality reports and presentations.
- Living and/or able to work in Jakarta.

Only shortlisted candidates will be notified.

To apply, please submit to: bit.ly/PYCJOBOPPORTUNITIES2021 before 30 April 2021.

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JOB VACANCY



IT SUPPORT & SUPPORT STAFF

Requirements:

- A minimum of Bachelor's degree in Information System/Computer Science and Engineering or other related fields.
- Able to operate database and website processing, information system and networking fields.
- Excellent reading and writing skills in English.
- Possess high initiative, creativity and able to work in a team.
- Familiar with Javascript, HTML, CSS, CMS Open Source, Apache Server, Cpanel, etc.
- Good knowledge of website systems and database is a must.
- Possess the ability to prioritize work and projects with attention to detail.
- Possess good time management to deliver high-quality work in tight dead lines.
- Living and/or able to work in Jakarta.

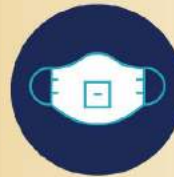
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Lower the risks of
getting infected with
Covid-19 by combining
these *5 precautions*



**Wear your
mask**



**Wash your
hands frequently**



**Maintain physical
distancing**



**Mobility and
interaction restriction**



**Keep away from
crowds**



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