

3<sup>rd</sup> Quarter | July - September 2021



Purnomo Yusgiantoro Center

# E-NEWSLETTER

Academic Corner  
Our Publications  
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More From Us

## A Message From

# The Chairperson

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Hello from Purnomo Yusgiantoro Center (PYC)!

With the month of October already here, we would like to invite all of you to attend the PYC International Energy Conference (IEC) 2021, which will be held on 6 - 7 October, 2021 in online manner. The event will highlight the importance of energy security enhancement in Indonesia to support a sustainable future. There will be a wide range of topics, from Oil and Gas, Coal, Electricity, and New and Renewable Energy. We will have experts from around the world giving out opinions related to our topics.

We have also arranged a super exclusive event. We invited Dr. Daniel Yergin for an engaging discussion on geopolitics, energy security, and national defense in the Exclusive Meet and Greet. This special occasion will be conducted on 6 October 2021. With very limited number of seats, we encourage you to book your seat now. All information regarding PYC IEC 2021 are available on [2021.iec-pyc.org](https://2021.iec-pyc.org).

We also would like to express our gratitude again for all stakeholders who have continued to support us relentlessly. We have received an abundance of blessing throughout this year, and we look forward for more fruitful collaborations.

Stay safe and healthy!

**Regards**

*Filda Citra Yusgiantoro, Ph.D.*

# Academic Corner

## THE OPINION

*is a channel to assert various point of views related to topics in the energy and natural resources sector*

### **How China and Indonesia can build a more substantial presence on the global climate agenda**

By: I Dewa Made Raditya Margenta (Researcher at Purnomo Yusgiantoro Center)  
Filda C. Yusgiantoro (Senior Reseacher at Purnomo Yusgiantoro Center)

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China – Indonesia’s relationship is likely to get stronger amid the decision made by the G7 to halt coal projects globally. Even so, these Asia giant nations should deliver a solid message to influence other nations in catalyzing the global clean energy transition and fostering the global climate agenda.

Given the enormous influence of these two countries globally and in the Asian region, this is the right time to affirm their commitment to the global climate agenda. Their strategic partnership is also crucial to support each nation’s goals.

In addition, China and Indonesia can collaborate with other nations within their regions to achieve common goals in supporting each climate agenda. The closest step that can be taken is to strengthen diplomatic relations in the Asian region by focusing on the economic-environmental and socio-economic aspects.

[CLICK HERE FOR THE FULL ARTICLE](#)

# Solar energy can be Indonesia's trump card to provide electricity to its most remote regions — here's how

By: Budi Prayogo Sunariyanto (Researcher at Purnomo Yusgiantoro Center)  
Vivi Fitriyanti (Researcher at Purnomo Yusgiantoro Center)

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*A worker doing maintenance on a solar panel system.  
Antara Foto*

Globally, the installed capacity of the solar photovoltaic industry has grown up to 672 GW, and the market has matured significantly. Indonesia must use this opportunity and prioritize the deployment of solar power systems in the frontier, remote, and least developed regions (3T) to boost their sustainable livelihood and economic activities.

The government planned to boost the installed capacity to reach 2.14 gigawatts (GW) by 2030. Instead of targeting 3T regions, the targets are mainly government buildings, State-Owned Enterprises (BUMN) buildings and facilities, industries, businesses, and households. On the other hand, in 2020, five

provinces in Indonesia have an electricity ratio of less than 95%. Thus, the government must consider that solar power generation is not only a tool to accelerate the national energy transition but also to ensure electricity availability and accessibility in all regions of Indonesia, especially the 3T regions.

Electrification shouldn't just be about making lighting available. It means ensuring communities can use electricity reliably for a range of productive activities, including education and agriculture. The ample sunlight makes solar energy generation suitable for off-grid regions or where connecting to the electricity grid is expensive and impractical. Unlike urban areas with access to electricity, solar panels could make a huge difference for communities in remote and disadvantaged areas.

[CLICK HERE FOR THE FULL ARTICLE IN ENGLISH](#)

[CLICK HERE FOR THE FULL ARTICLE IN BAHASA](#)

## Climate Plan: Indonesia Should Learn From Japan

By: Felicia Grace Utomo (Researcher at Purnomo Yusgiantoro Center)  
I Dewa Made Raditya Margenta (Researcher at Purnomo Yusgiantoro Center)

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People gather before a coal power plant in Meulaboh, Indonesia's Aceh province on 5 September, 2021. (AFP Photo)

Japan's success story in implementing the carbon tax and emission trading scheme (ETS) all together can be the best lesson for Indonesia, which its carbon pricing is still up in the air. The latest Intergovernmental Panel on Climate Change (IPCC) report definitely raised a red flag on the global climate agenda. Thus, every nation, especially top GHG global emitters, should speed up their clean energy transition and encourage climate policies as their mitigation plan. One of the climate policies that can be promoted is the

carbon pricing instrument. Carbon pricing instrument has been widely used globally in the shape of the carbon tax and ETS. This vital instrument plays a crucial role for every country to achieve its net-zero emission target. Interestingly, Japan has concurrently implemented the Carbon Tax and ETS as their climate mitigation plan, and it runs successfully. This success story should trigger Indonesia to replicate what Japan has accomplished.

[CLICK HERE TO READ FULL ARTICLE](#)

## Carbon Capture is the Key to Indonesia's Net-Zero Emissions Future

By: Haryanto (Researcher at Purnomo Yusgiantoro Center)  
Filda C. Yusgiantoro (Senior Researcher at Purnomo Yusgiantoro Center)

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Credit: Depositphotos

In recent years, various energy-efficient technologies have been developed in a bid to reduce global carbon emissions and the impacts of climate change. But so far, these alone have proven insufficient to reach the ambitious decarbonization goals laid out in the Paris Agreement. Recently, during its summit in England in June, the G7 group stated that it would aim to phase out coal power plants unless some form of carbon capture technology was implemented.

On the other hand, for Indonesia, Carbon Capture, Utilization, and Storage (CCUS) also offers a potential path for the country to wean itself off fossil fuels and establish itself as a regional leader in renewable energy. The development of CCUS in Indonesia can be traced back to the establishment in 2017 of the National Center of Excellence on CCS/CCUS, which brought together experts from Institut Teknologi Bandung (ITB) and the research center of the Ministry of Energy and Mineral Resources (Lemigas).

[CLICK HERE TO READ 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.*

### Indonesian Coal: Road To The Future

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The target of Net-zero emission in 2060 is one of many driving forces for the Government of Indonesia to retire the coal-fired power stations gradually. Thus, the coal transformation program is critical to accommodate Indonesia's coal reserves parallel with the national pledge.

Co-firing and coal-to-methanol programs are examples of how Indonesia will bridge the energy into cleaner energy while adding value to coal by converting it into chemicals and fuel such as methanol and dimethyl ether (DME).

You can access updates on the energy sector through the PYC Data Center website.

[CLICK HERE TO SEE THE FULL INFOGRAPHIC](#)

# Our Publications

### The Enight (Energy Insight): *Ketahanan Energi Nasional: Dimensi dan Indikator menuju Transisi Energi Indonesia untuk Net Zero Emission 2060*

The poster is for an event titled "THE ENSIGHT: Ketahanan Energi Nasional" with the subtitle "Dimensi dan Indikator Menuju Transisi Energi Indonesia untuk Net Zero Emission 2060". It is a pre-event of the "PYC International Energy Conference 2021". The event features two main speakers: Hardiv H. Situmeang, Chairman of the Indonesian National Committee-World Energy Council, and Djoko Siswanto, Secretary General of the National Energy Council. The event also includes an opening remark by Filda C. Yusgiantoro, a closing remark by Purnomo Yusgiantoro, and a moderator, Akhmad Hanan. A quiz is held during the event, with a total prize of Rp1.500.000. Registration is available via a link: bit.ly/ENSIGHT2021. Contact information for Purnomo Yusgiantoro Center is provided at the bottom.

The Enight or Energy Insight is a program held by the Purnomo Yusgiantoro Center (PYC) with the purpose of sharing views with others interested in issues in energy. In this session, The Enight discussed "*Ketahanan Energi Nasional: Dimensi dan Indikator menuju Transisi Energi Indonesia untuk Net Zero Emission 2060*". We had the pleasure of having two notable speakers: Dr. Hardiv H. Situmeang (Chairman of the Indonesian National Committee-World Energy Council) and Dr. Ir. Djoko Siswanto, MBA (Secretary General of National Energy Council), sharing their insights on said matter.

Djoko Siswanto introduced us to Grand Strategi Energi Nasional (GSEN) and the challenges it's facing; from the decreasing production of raw crude oil to the government's effort to reduce low quality fuel. Our second speaker, Hardiv H. Situmeang explained the 3 pillars of the World Energy Trilemma Index; Energy Security, Energy Equity, and Environmental Sustainability. He also mentioned that Indonesia needs to establish a long term decarbonization of its energy sector to support NDC (Nationally Determined Contribution).

Click below for watch the full event



### Energy Drink by PYC Ep. 18 – “Apakah Pajak Karbon dapat Memperkuat Transisi Energi di Indonesia?” (ft. Dr. Adi Budiarmo)

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In this episode, PYC is honored to have Dr. Adi Budiarmo, Kepala Pusat Kebijakan Sektor Keuangan to have an engaging discussion on Carbon Tax. Carbon tax is a cost charged upon energy sources that emits carbon emissions. Here Dr. Adi and Dewa talk about the implementation of carbon tax in Indonesia, countries that applied carbon tax successfully, models and scenarios of carbon tax, which sectors hold potential to be applied in Indonesia, and the support from industry sectors.

Click below to watch this episode



### Energy Drink by PYC Ep. 19 – “Era Baru Batu Bara dalam Transisi Energi di Indonesia” (ft. Pandu Patria Sjahrir)

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For this podcast, PYC invited Pandu Sjahrir, Chairman of Asosiasi Pertambangan Batubara Indonesia (APBI-ICMA) to discuss the outlook and strategy of coal usage in Indonesia. Fossil energy such as coal has become the backbone for Indonesia in realizing energy security and supporting the nation's economic sector. However, most countries has begun to shift to more sustainable energy resources, including Indonesia. What is the best strategy to utilize coal in Indonesia, in order to

strengthen national energy security that contributes in reaching 2060 Net Zero Emission? Everything is discussed exclusively with Pandu Sjahrir and one of our researchers, Dewa.

Click below to watch this episode



## OUR PUBLICATIONS

### Energy Drink by PYC Ep. 20 - “Apa Kabar Biodiesel di Indonesia?” (ft. Ricky Harry Amukti)

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For our 20th episode, one of our researchers, Haryanto is joined by Ricky Harry Amukti, the Engagement Unit Manager of Traction Energy Asia to talk about biodiesel in Indonesia. Here they discuss the growth of biodiesel usage in Indonesia, and the possible development strategies to be applied in order to reach 2060 Net Zero Emission.

Click below to watch this episode



### ENERGY 24/7

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ENERGY 24/7 is a part of our Energy Drink Podcast. We cover the latest news in the energy sector and presenting it to you every Saturday. Keep yourself informed with the latest energy updates by listening to ENERGY 24/7.

Click below to listen



## Data Center

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PYC Data Center is a website-based data platform that provides information on policy, economics, and statistics related to energy and mineral resources.



**STATISTICS**



**ECONOMY**



**POLICY**



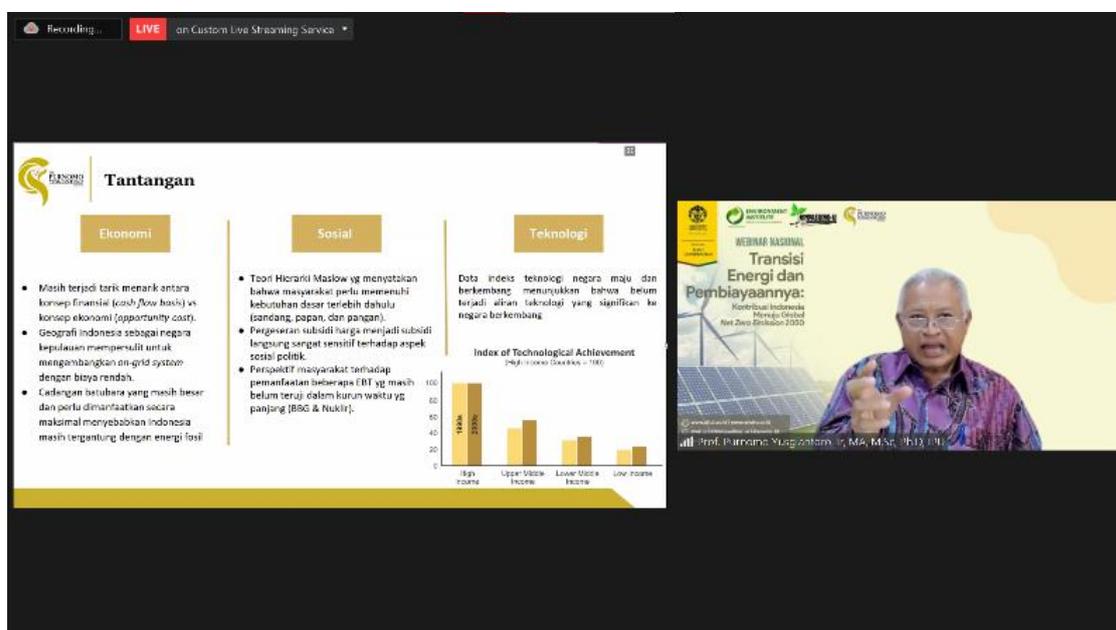
**GLOSSARY AND ANNEX**

### Data Updates (August 2021)

- [NATIONAL GHG EMISSIONS](#)
- [CO<sub>2</sub> EMISSIONS](#)
- [GHG EMISSIONS BY SECTOR](#)
- [GHG EMISSION IN ENERGY INDUSTRY](#)
- [GHG EMISSIONS BY TYPE OF FUEL](#)
- [GHG EMISSION BY INDUSTRIAL PROCESSES AND PRODUCTION USE \(IPPU\) SECTOR](#)
- [NATURAL GAS RESERVES](#)
- [NATURAL GAS CONTINGENT RESOURCES](#)
- [NATURAL GAS PRODUCTION BY TYPE](#)

# Events in Energy Sector

## Webinar SIL UI - Transisi Energi dan Pembiayaannya: Kontribusi Indonesia Menuju Global Net Zero Emission 2050



On 2 July 2021, Prof. Purnomo Yusgiantoro, founder of Purnomo Yusgiantoro Center (PYC), was invited to give keynote remark at National webinar “*Transisi Energi dan Pembiayaannya: Kontribusi Indonesia menuju Global Net Zero emission 2050*”. Prof. Yusgiantoro talked about Indonesia's current sustainable development policy and the energy sector's attainment number of emissions. In this speech, he also delivered the opportunity, challenges of new and renewable energy, and recommendations on development of technology, economic development, policy, and an alternative source of funding for new and renewable energy.

Prof. Emil Salim from *Universitas Indonesia* also delivered his speech at the online seminar conducted by *Himpasiling Universitas Indonesia* with Environment Institute (Enviro). In this webinar, Dr. Mahawan Karuniasa, founder of Director Environment Institute (Enviro), and a lecturer at the School of the environmental science *Universitas Indonesia*, Dr. Istiana Maftuchah Sustainable Finance Expert, Lecturer at *Universitas Trisakti*, and Mr. Julian Smith, ESG & Infrastructure Finance Director PricewaterhouseCoopers Indonesia were also invited to deliver talks about the enabler of energy transition from their expert perspectives.

## Student Internship – Universitas Pertamina

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In July 2021, three students from International Relations Study Program, *University of Pertamina* officially became participants of Student Internship at PYC for approximately a month. They were Devi Ayu Gumilang, Monica Steffanie Sitorus and Widya Sitohang. The purpose of this program was to guide the students in making reports related to energy security and geothermal exploration. The supervisors for this program were Massita Ayu Cindy (Sub Department Energy Economy and Financing) and Akhmad Hanan (Sub Department of Energy Law and Geopolitics).

The theme for each report was:

1. The Role of Indonesia's Energy Diplomacy in the Electricity Sector in 3T Regions (Devi)
2. Cooperation between Indonesia-Germany Renewable Energy Forum 2018 in the utilization of Geothermal Energy exploration in Remote Areas (Monica)
3. Indonesian Defense Diplomacy in the Malacca Strait through the Intelligence Exchange Group (IEG) Cooperation (Widya)

The students also received an opportunity to discuss their report with Mr. Purnomo Yusgiantoro. The final presentation was held on 13 August 2021 and carried out in front of Chairperson Purnomo Yusgiantoro Center, Mrs. Filda Yusgiantoro, PYC researchers and lecturers from International Relation of *Universitas Pertamina*.

### Chairperson of Purnomo Yusgiantoro Center as a Speaker at 20<sup>th</sup> Indonesian Scholars International Convention (ISIC)



#### *The Moderator and Speakers of Energy Chamber Discussion at the 20<sup>th</sup> ISIC*

On 10 July 2021, Chairperson of Purnomo Yusgiantoro Center (PYC), Mrs. Filda C. Yusgiantoro became a parallel session speaker at the 20<sup>th</sup> Indonesian Scholars International Convention (ISIC), hosted by the Indonesian Student Association in the United Kingdom (PPIUK). With the main theme of "**Indonesia Levelling Up: Enhancing Indonesia's Crisis Resilience**," this annual event was designed to facilitate Indonesian students, the diaspora network, also Indonesian organizations and communities in the UK from various subfields to collaborate and contribute ideas to support and build Indonesia's resilience for ongoing and upcoming crisis.

The parallel session was divided into several topics such as health; taxation, fiscal policies and government; Science, Technology, Engineering and Mathematics (STEM); social development; education, politics and law; tourism; and energy. On this occasion, Mrs. Filda talked about energy, specifically "*The Opportunities & Challenges to Revitalizing Indonesia's Energy Sector in a Post Pandemic World*". She elaborated how green electricity, hydrogen, and biofuel can be used as sources of energy. On the other hand, the economic, social, and development of technology were still considered to be the challenges for Indonesia. Hence, technology development, economic improvement, and policy framework must be synergized to overcome those challenges.

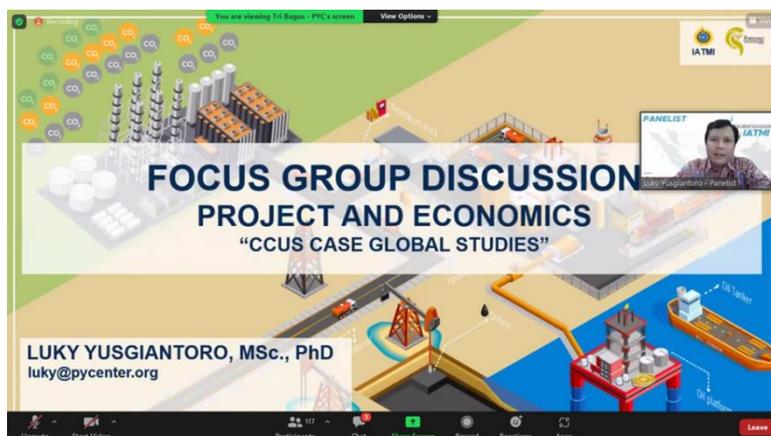
Other Speakers discussing the same topic were Mr. Chrisnawan Anditya, Director for Various Renewable Energy, Ministry of Energy and Mineral Resources of Indonesia; Mr. Oky Muraza, SVP at Pertamina; and Mr. Aqsha, Assistant Professor in Chemical Engineering, *Institut Teknologi Bandung*.

### FGD IATMI – Macro Perspective: “Geopolitical Aspect of Natuna Region”



The Association of Indonesian Petroleum Engineers (IATMI), on August 7, 2021, held a Focus Group Discussion (FGD). The topic of the FGD is the East Natuna Development. This activity was attended by many experts and practitioners of oil and gas in Indonesia. Prof. Purnomo Yusgiantoro became a keynote speaker on Macro Perspective: “Geopolitical Aspect of Natuna Region.” Some key points on his speech included geopolitical issues regarding the challenge of developing oil and gas in the Natuna region, the claims of a Nine-dashed line from China in the South China Sea regions, and geopolitical issues between China and the United States, such as the power struggle in Asia-Pacific.

### FGD IATMI – Project & Economics



Mr. Luky Yusgiantoro, Ph.D, member of the governing board of the PYC, became a speaker at the plenary session of the IATMI Focus Group Discussion (FGD) on 7 August 2021. He discussed the topic of Project and Economical: CCUS Case Global Studies. Some key points included carbon capture, utilization, and storage (CCUS) that can be used to improve the economy of the East Natuna gas field. This can be seen from several case studies in the world that have successfully implemented CCUS technology. The gas field in Natuna contains 72% CO<sub>2</sub> of the total gas potential of 226 TCF.

### **Webinar External: Special Event Series RENdez-vous Southeast Asia - Technology: RE-Imagining Renewable Energy Futures for Southeast Asia**

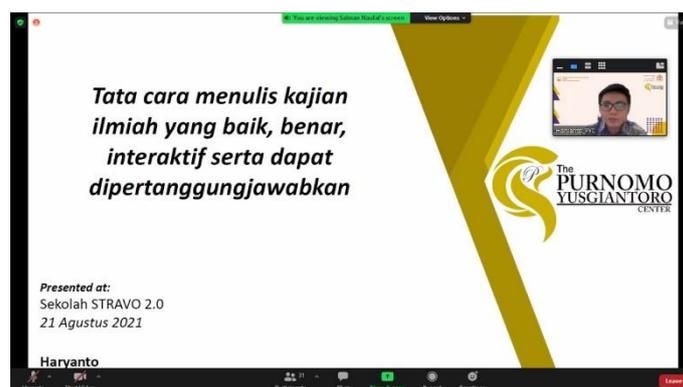
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On 19 August 2021, PYC was invited to attend the Special Event Series RENdez-vous Southeast Asia - Technology: RE-Imagining Renewable Energy Futures for Southeast Asia. This online event is held by REN 21, a global renewable energy community of science, governments, NGOs, and industry. On behalf of PYC, Luky Yusgiantoro Ph.D. (Governing Board Member of PYC) delivered his perspectives on Indonesia's energy sector dynamics and its energy transition progress. The committee of this event also invited other international speakers such as Mary Ann Q. Franco (National University of Singapore - Energy Studies Institute), Nhen Ngo (Vietnam Initiative for Energy Transition), Tharinya Supasa (CASE & Agora Energiewende) and Wichsinee Wibulpolprasert (Thailand Development and Research Institute).

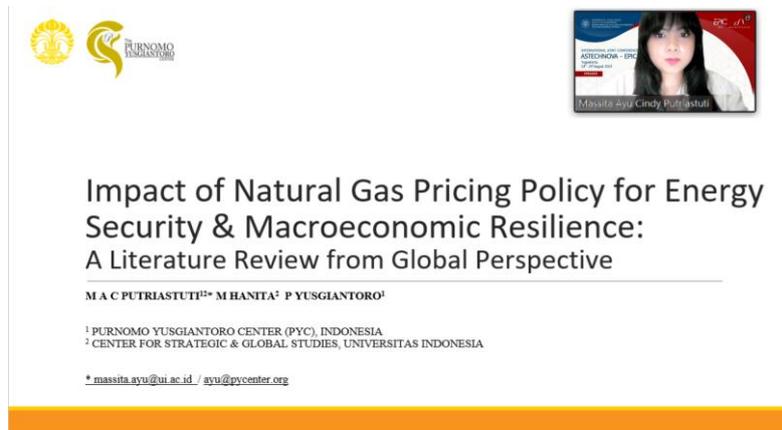
### **Sekolah Stravo 3.0 - Tata Cara Menulis Kajian Ilmiah yang Baik, Benar, Interaktif, serta dapat dipertanggungjawabkan**

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On Saturday, 21 August 2021, Haryanto, a researcher of the Purnomo Yusgiantoro Center, gave a virtual talk on the theme of scientific writing for the Petroleum Engineering Students Association (HMTM "PATRA" ITB) and was attended by 15 members of the PATRA ITB. Some of the topics covered were about how to write for policymakers, how to paraphrase and avoid plagiarism, among others. At the end of the event, many of the participants also asked some questions. This event was called "STRAVO", a training for the strategic and advocacy study division of the PATRA ITB to enhance their skills aside from formal lectures.

## PYC Join The 6<sup>th</sup> Astechnova International Energy Conference 2021



### *Massita Ayu Cindy presented her recent research at the conference*

On 24 August 2021, one of PYC researchers, Massita Ayu Cindy, was invited to be a presenter at The Astechnova International Energy Conference 2021. The conference was held by *Universitas Gadjah Mada* as a platform to gather researchers, academics, engineers, energy enthusiasts, politicians, analysts, energy planners, and economists worldwide to discuss regulation and recent technology innovation in the energy sector. This year, they brought the theme of Energy Innovations And Sustainable Environment.

Massita Ayu Cindy presented her recent research “Impact of Natural Gas Pricing Policy for Energy Security & Macroeconomics Resilience: A Literature Review from Global Perspectives.” She conducted the research together with Dr. Margaretha Hanita from *Universitas Indonesia* and Prof. Purnomo Yusgiantoro of the PYC. The paper won second place for best paper in the conference.



### **The Enight – Ketahanan Energi Nasional: Dimensi dan Indikator Menuju Transisi Energi Indonesia untuk Net Zero Emission 2060**

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The Enight or Energy Insight is a program held by the Purnomo Yusgiantoro Center (PYC) with the purpose of sharing views with others interested in issues in energy. In this session, The Enight discussed "*Ketahanan Energi Nasional: Dimensi dan Indikator menuju Transisi Energi Indonesia untuk Net Zero Emission 2060*". We had the pleasure of having two notable speakers: Dr. Hardiv H. Situmeang (Chairman of the Indonesian National Committee-World Energy Council) and Dr. Ir. Djoko Siswanto, MBA (Secretary General of National Energy Council), sharing their insights on said matter.

Djoko Siswanto introduced us to Grand Strategi Energi Nasional (GSEN) and the challenges it's facing; from the decreasing production of raw crude oil to the government's effort to reduce low quality fuel. Our second speaker, Hardiv H. Situmeang explained the 3 pillars of the World Energy Trilemma Index; Energy Security, Energy Equity, and Environmental Sustainability. He also mentioned that Indonesia needs to establish a long term decarbonization of its energy sector to support NDC (Nationally Determined Contribution).

# Social Initiatives

### Lomba Menulis Anak Nasional: Surat Kepada Ibu Pertiwi

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To celebrate Independence Day, Purnomo Yusgiantoro Center held a national competition, *Lomba Menulis Anak Nasional: Surat Kepada Ibu Pertiwi* with the theme of Indonesian Children's Independence Day Activities during The Pandemic. The event was held as a part of our annual social initiatives. A total of 97 children from across 14 provinces in Indonesia, ranging from Sumatera to West Papua joined the competition, and each of their videos were uploaded to Instagram and Facebook.

The Grand Final was conducted on Saturday, August 28th 2021. Amelia Yusgiantoro, the Secretary of Purnomo Yusgiantoro Center, hoped that this competition can motivate children to write more, especially with handwriting. Three juries who joined the event are Aini Abdul (the founder of Ransel Buku), Artika Sari Devi (2004 Puteri Indonesia) and Lis Purnomo Yusgiantoro from Purnomo Yusgiantoro Center. All three juries expressed their awe for the children's creativity and honesty in their writing pieces.

The winner for the First Category, with an age range of 7-9 years old, is Mikaila Ladia Rumagit from Pandeglang, Baten. As for the winner of the Second Category comes from the East part of Indonesia is Claudia Prisila Nahak from Fatubaa, East Nusa Tenggara.

# Other Events

## *Bedah Buku Kepemimpinan Strategik: Model dan Implementasi*



On Thursday, 12 August 2021, the Defense University of the Republic of Indonesia (UNHAN), in collaboration with the Indonesian Engineers Association (PII), held a book review on Strategic Leadership: Models and Implementation. Several speakers attending were the Chancellor of the Defense University, Admiral TNI Prof. Amarulla Octavian, Professor of the Defense University Prof. Purnomo Yusgiantoro, General Chairperson of PII, Heru Dewanto, and was moderated by PII Secretary-General Teguh Haryono.

Purnomo Yusgiantoro appreciated that this book could be completed and also being reviewed by PII. According to Purnomo, book writers have been able to leave their comfort zone by becoming doctoral students. Purnomo, in his presentation, quoted a historical sentence from US President John F. Kennedy, "Ask not what your country can do for you, ask what you can do for your country," as a form of self-leadership.

In addition, the foundation of effective leadership is preceded by leadership towards oneself, then towards others, and the organization. For example, strategic leadership can make decisions in uncertain and tense situations. Purnomo Yusgiantoro recounted the journey of Indonesian President Megawati Soekarnoputri to the United States a week after the September 11 terrorist attacks or the 9/11 attacks in 2001.

## PYC's Indonesia's Independence Day Celebration

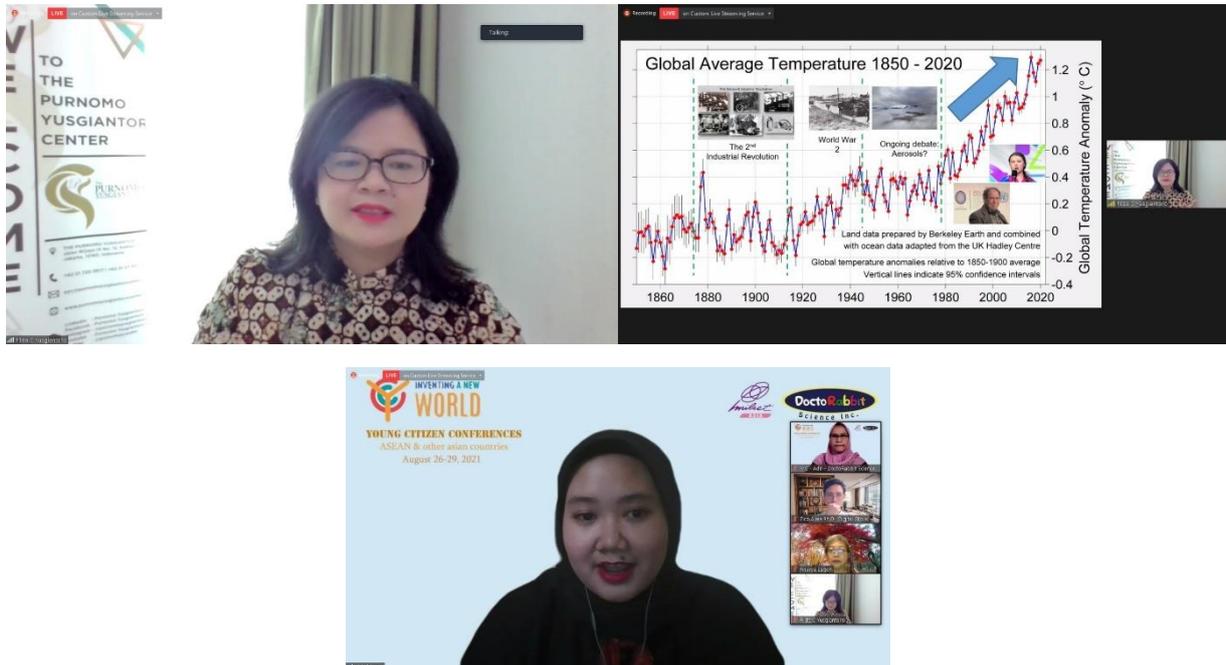


In commemoration of *Indonesia's Independence Day*, the Purnomo Yusgiantoro Center (PYC) held an internal competition. The activity was carried out to foster the spirit of employee nationalism and close relationships between people in PYC. Some of the competitions held were decorating masks, guessing national and regional songs, and guessing pictures of Indonesian heroes.

At the beginning of the independence celebration, Prof. Purnomo Yusgiantoro, Ir., M.Sc., M.A., Ph.D., as the supervisory board of PYC delivered his remarks. These remarks include encouraging employees to fight like heroes through our innovation and creativity. In addition, his love for education also gave a message to PYC staff to never stop learning.

The activity ran smoothly and eventful. We have learned and practiced to do teamwork even in an online setting. We refreshed our memories regarding the heroes and the wealth of Indonesian national culture. Futhermore, we expect this activity becomes an annual event.

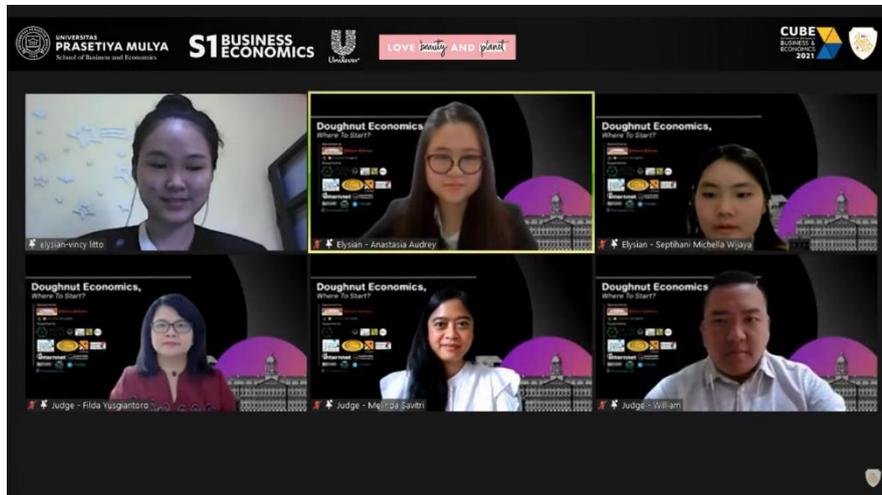
## Young Citizen Conference ASEAN & Other Asian Countries 2021



On 28 August 2021, Dr. Filda Citra Yusgiantoro, Chairperson of PYC, was invited to Young Citizens Conferences (YCC) 2021 as a keynote speaker at the international online plenary session. YCC was presented by MILSET and organized by DoctoRabbit Science Inc. MILSET. The theme of the conference was digital lifestyle, the role of science and medicine, environment and globalization.

In the plenary session, **Dr. Filda Citra Yusgiantoro** talked about **Energy transition in tackling climate change**, and she emphasized the role of the young generation in combating the climate crisis. This session was also attended by **Dr. Premana Premadi**, Associate Professor in Astrophysics and Cosmology, *Institut Teknologi Bandung* and Director of Bosscha Observatory, *Institut Teknologi Bandung*; **Dr. Finarya Legoh**, the Head of International Relations of the Indonesian Academy of Sciences (AIPI); **Dr. Samira Alamudi**, Research Fellow at Agency for Science, Technology and Research (A\*STAR), Singapore; **Dr. Zico Alaia Akbar**, Co-Founder Digital Skola and Vice Chairman of Indonesian researcher Association in South Korea. The plenary session was also moderated by Vivi Fitriyanti (PYC).

## Chairperson of Purnomo Yusgiantoro Center as a Judge and Guest Speaker at Universitas Prasetiya Mulya Competition for University in Business & Economics (CUBE 2021)

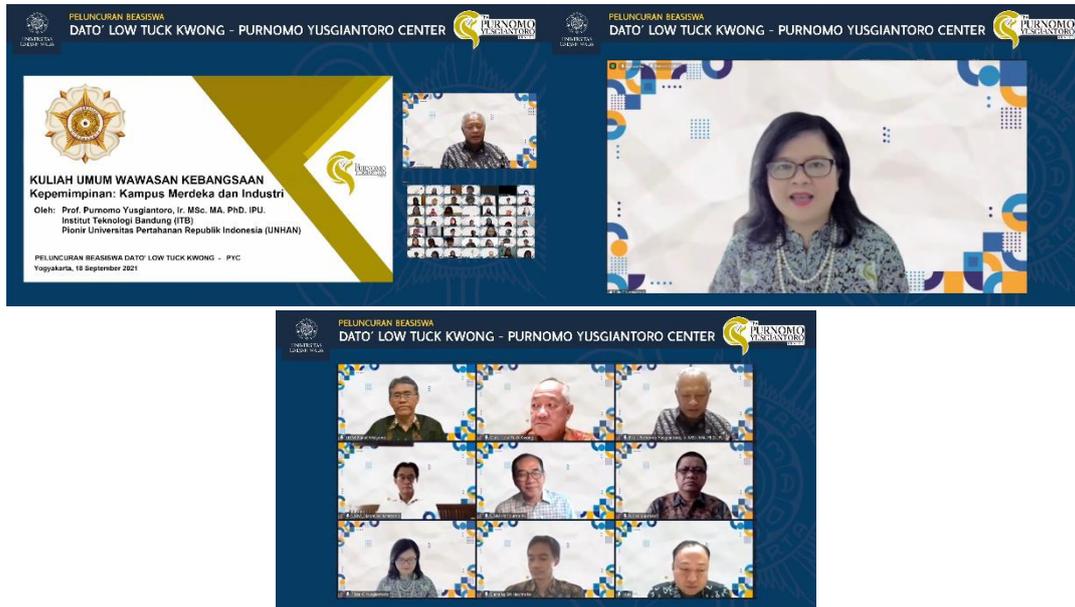


*Mrs. Filda and Other Two Judges with the Competition Finalists*

**CUBE (Competition for University in Business & Economics) 2021** was a business and economics analysis competition under the **S1 Business Economics Universitas Prasetiya Mulya** student association. This event was created as a way to express the ability of the students in universities to analyze global economic conditions that can affect businesses and develop skills and mindsets based on a holistic perspective. The main event consists of webinars, mentorship, case presentations and quiz contests. Chairperson of Purnomo Yusgiantoro Center (PYC), Mrs. Filda C. Yusgiantoro, was invited to be the judge in the annual competition held on 28 August 2021 with the main theme of *"Doughnut Economics, Where to Start?"*. Other judges were Mr. William, the Lead Public Relations and Communication at Stockbit & Bibit.id and Ms. Melinda Savitri, Head of Business Unit at Unilever Beauty and Personal Care Masstige.

Mrs. Filda was also invited as one of the guest speakers in the webinar series called ORBIT (Opportunity to Broaden Your Intellectual Capabilities). She delivered a presentation with the theme of *"The Effects of the Sustainable Beauty Industry on Indonesian Economy."* This webinar was broadcasted live on YouTube and took place on **Saturday, 28 August 2021**. At the webinar, she emphasized that sustainability in the beauty industry can be implemented by optimizing the potential local resources e.g., essential oil; adding the sustainable value chain, e.g., palm oil base cosmetics; and investing in sustainable technology e.g., biotech beauty and sustainable packaging. Along with Mrs. Filda, founder of Skin Dewi, Ms. Dewi Kauw was also invited as a speaker in the webinar.

## Kolaborasi Kuliah Umum dan Launching Beasiswa UGM-PYC



On Saturday, 18 September 2021, Purnomo Yusgiantoro, founder of the Purnomo Yusgiantoro Center and Professor of the *Institut Teknologi Bandung* (ITB), delivered a Public Lecture on Nationality Insights, Leadership: Independent Campus and Industry, together with the launching of the Dato' Low Tuck Kwong – Purnomo Yusgiantoro Center (PYC) Scholarship Program.

The public lecture was delivered to 311 UGM scholarship recipients and virtually attended by the Director of PT Bayan Resources Tbk Dato' Low Tuck Kwong, UGM Chancellor Panut Mulyono, PYC Board of Governing Lis Yusgiantoro, and PYC Chairperson Filda C. Yusgiantoro.

In this presentation, Prof. Purnomo Yusgiantoro explained the importance of recognizing the forms of threats, both the actual and potential threats, in order to deal with and counteract them. As an example was the relevant challenges in industrial technology development that has reached the Industrial Revolution 4.0 and its integration into the education system. There have been many changes in the education system, such as adjusting the methods of learning and research, adopting technology, and increasing competence and collaboration

# Upcoming Events

### **PYC International Energy Conference 2021** **The Enhancement of Energy Security for a Sustainable Future**

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Sponsored by: **S2P**

**PYC INTERNATIONAL ENERGY Conference**

**PYC International Energy Conference 2021**  
The Enhancement of Energy Security for a Sustainable Future

**6 - 7 OCTOBER 2021 | INDONESIA**  
Register now  
[2021.iec-pyc.org/registration](https://2021.iec-pyc.org/registration)

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@purnomoycenter | Purnomo Yusgiantoro Center | iec@pycenter.org

We are excited to invite you to the premier event of engaging scholars and practitioners who are passionate and well-driven to make changes in transitioning the world to have a more sustainable energy future. Listen to renowned experts from all across the globe explaining how to enhance energy security, especially during the recovery period of the pandemic, in order to achieve a sustainable future.

The discussion on energy security enhancement will be distributed in four sub-topics:

1. Oil and gas
2. Coal
3. Electricity
4. New and renewable energy

The conference will be held on 6-7 October 2021. Register for free and be a part of this insightful journey.

**CLICK HERE TO REGISTER FOR IEC 2021**

## PYC IEC Pre-Event Competition

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**Who's The Winner?**

Infographic      Essay      Photo

The results for IEC Pre-Event Competition will be announced on  
**PYC International Energy Conference 2021**  
6 October 2021

**Register now | [www.iec-pyc.org](http://www.iec-pyc.org)**

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Thank you for participating in the Pre-event Competitions (Infographic, Essay, and Photo) in PYC International Energy Conference 2021. We have received an overwhelming response over the last few months with astounding submissions.

The result of the Pre-event Competitions will be announced on the first day of PYC International Energy Conference 2021, 6 October 2021.

The event will be held online. So, register now and see if you're the winner of the competition! The winners will receive a total prize of IDR20.750.000,-.

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## PYC Energy Awards 2021



Here are the finalists of PYC Energy Awards 2021. The winner will be announced on the first day of PYC International Energy Conference, on Wednesday, 6 October 2021, by the Chairperson of Purnomo Yusgiantoro Center. To watch PYC Energy Awards 2021 and participate in PYC International Energy Conference, register now.

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



Submit it to:

<https://bit.ly/PYC-OPINION>

Selected opinion will be published on PYC website



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And also,  
never forget!



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Wear  
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Wash  
Your Hands



Avoid the  
Crowds



Reduce  
Mobility

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