

4th Quarter | October–December 2022



Purnomo Yusgiantoro Center

E-NEWSLETTER

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A Message From

The Chairperson

Warm greetings from Purnomo Yusgiantoro Center!

We will conclude 2022 in just a few days from now. To briefly sum up, in 2022 global economic activity recovered post-pandemic at a solid pace and yet we still remain facing the uncertain world due to the ongoing geopolitical tensions. However, we are fully grateful, we are able to conduct our main agendas and activities.

In our journey, we have done our utmost activities, such as Focus Group Discussions, Research and Publications. Moreover, to end this year, we had more engaging activities, such as singing competition for children and staff gathering.

On behalf of Purnomo Yusgiantoro Center, I would like to extend my gratitude to our partners, organizations, and parties for their tremendous support. We are looking forward to your support towards cooperation and collaboration in the upcoming year. PYC welcomes all parties to work together with us in the near future. In addition, I would also like to acknowledge our team for their contributions and dedication throughout this year. I am confident, in 2023 we will continue to strive for better work.

For closing, I would like to wish you a Merry Christmas and Happy New Year 2023. May you stay Healthy and Prosperous!

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

With EBT Projects Abandoned, NGOs Can Assist in Overcoming Energy Access Problems in Remote Areas

By: Vivid Amalia Khusna (Research Administrator at Purnomo Yusgiantoro Center)
I Dewa Made Raditya Margenta (Researcher at Purnomo Yusgiantoro Center)



As the President of Indonesia, Joko Widodo said at last year's Climate Change Conference COP26 in Glasgow, Indonesia has the ambition to accelerate the energy transition and to achieve net zero emissions by 2060.

However, energy transition is not only about replacing one energy source with the other. This process should also aim to maintain the accessibility to energy for the people, especially in remote areas. In addition, the sustainability of renewable energy projects in remote areas also need to be taken into consideration and the projects should not be abandoned after it has been built.

[CLICK HERE TO READ ON THE CONVERSATION \(ID\)](#)

How crowdfunding could raise \$12 billion to boost renewable energy access in Indonesia

By: Vivi Fitriyanti (Assistant Researcher at Purnomo Yusgiantoro Center)
Massita Ayu Cindy Putriastuti (Researcher at Purnomo Yusgiantoro Center)
Vivid Amalia Khusna (Research Administrator at Purnomo Yusgiantoro Center)



Credit: TheJakartaPost

Indonesia has a target to have 23% of its energy mix coming from renewable sources by 2025, and the country needs at least Rp 1,600 trillion (US\$102.4 billion) to make that happen.

This is not an easy task, especially for medium and small-scale projects. Renewable energy projects require huge investments and this high cost makes small projects unattractive and therefore not bankable. As a result, they have to rely on grants and government budgets.

To meet its energy mix target, Indonesia has to look elsewhere for funding.

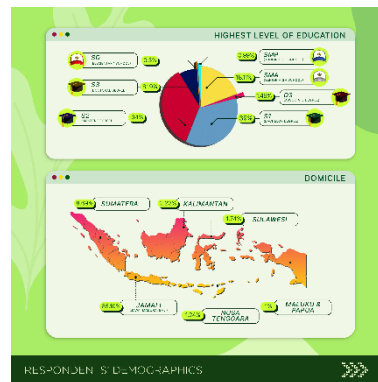
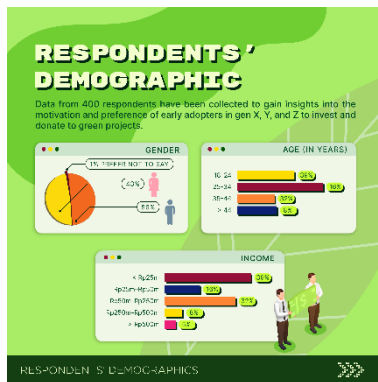
[CLICK HERE TO READ ON THE CONVERSATION](#)

[CLICK HERE TO READ ON THE JAKARTA POST](#)

INFOGRAPHICS

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

Willingness to Invest and Donate for Green Project in Indonesia



🌐 What are the potentials of crowdfunding for green projects in Indonesia? 🌐

How many people are willing to invest and donate to this cause?

PYC has conducted a research to understand people's behavior in investing and donating their money to green projects, including renewable energy. Hundreds of respondents participated in the research conducted through an online survey, and here are the results!

See the intriguing outcome of our research in this infographic!

CLICK HERE TO SEE THE FULL INFOGRAPHIC

Our Publications

Energy Drink by PYC Ep. 27 – Kaleidoskop Energi 2022



[CLOSING 2022 WITH "ENERGY" CHIT-CHAT ⚡]

It's the end of the year! PYC is back with another annual discussion on the news highlighted from the energy sector. The Russian invasion of Ukraine that occurred in February 2022 is not only a geopolitical phenomenon between the two countries but also created a global impact on the economic sector and the energy sector.

Has geopolitical tension in Europe affected economic conditions and energy security in Indonesia? Everything will be discussed exclusively with our researchers, Michael and Felicia, and moderated by Mayora.

This episode is available on our YouTube, Spotify and Apple Podcast channels. Check it out!

Click below to watch this episode



ENERGY 24/7



ENERGY 24/7 is a part of our Energy Drink Podcast. We cover the latest and the hottest news in the energy sector and present 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

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



GLOSSARY AND ANNEX



POLICY

Data Updates (December 2022)

- [INDONESIA'S COAL PRICE](#)
- [INDONESIA'S CRUDE OIL PRICE](#)
- [MAP OF GREEN PROJECT IN INDONESIA](#)
- [INTERNATIONAL GAS PRICE](#)
- [PRICE OF ENERGY EXPORT IN INDONESIA](#)
- [AVERAGE ENERGY PRICE PER ENERGY UNIT IN INDONESIA](#)
- [ENERGY CONSUMPTION IN TRANSPORTATION SECTOR](#)
- [ENERGY CONSUMPTION IN INDUSTRIAL SECTOR](#)
- [ENERGY CONSUMPTION IN HOUSEHOLD SECTOR](#)
- [ENERGY CONSUMPTION IN COMMERCIAL SECTOR](#)

WWW.DATACENTER-PYC.ORG

Events in Energy Sector

Focus Group Discussion (FGD) “Indonesia’s Diplomatic Strategy to Support Low Carbon Development: Energy Transition and Carbon Policy”

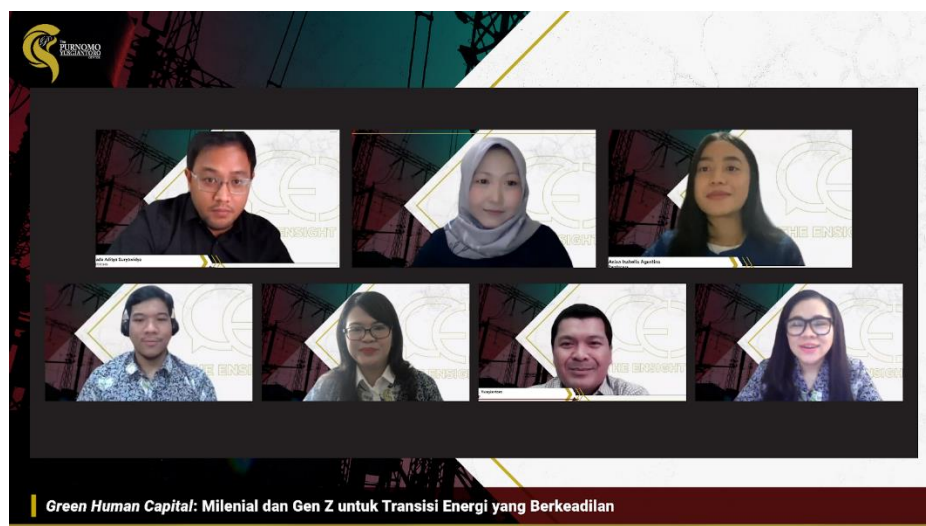


On 6 October 2022, the Ministry of Foreign Affairs along with LPEM FEB Universitas Indonesia (UI) held an FGD: “Indonesia’s Diplomatic Strategy to Support Low Carbon Development: Energy Transition and Carbon Policy”. This FGD aims to find diplomacy strategies that may be implemented within the framework of ASEAN cooperation and synergy with stakeholders, including the private sector and international/regional organisations. PYC was one of the

participants in this FGD. The event was also attended by Yayan Mulyana, Head of the Foreign Policy Strategy Agency; and Riatu Mariatul Qibthiyah, Director of LPEM FEB UI. The speakers for the discussion were Rio Budi Rahmanto, Head of the Multilateral Policy Strategy Center; Wiluyo Kusdiharto, Director of Project Management and EBT of PT PLN (Persero); and Kardiman, Indonesian Renewable Energy Society (METI).

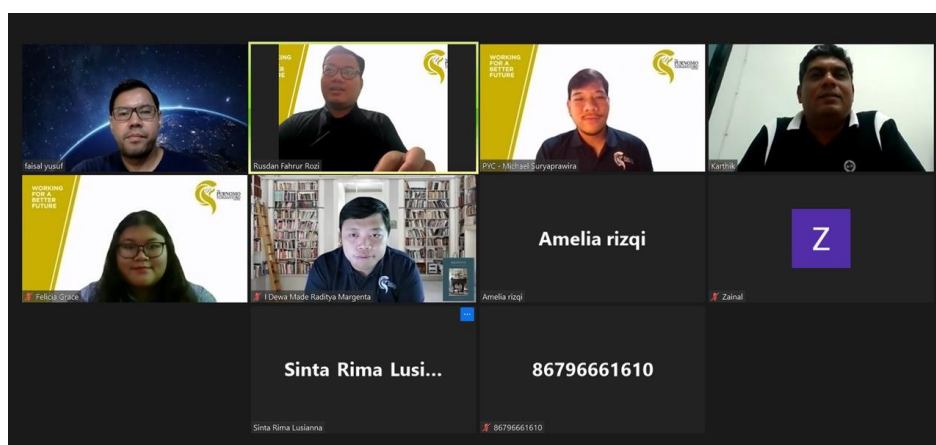
The Enight “Green Human Capital: Mempersiapkan Milenial dan Gen Z untuk Transisi Energi yang Berkeadilan”

The Enight was held once again on 15 October 2022. For its second installment, PYC invited Khoiria Oktaviani, the Program Manager of Gerakan Inisiatif Listrik Tenaga Surya (Gerilya), Kampus Merdeka, Ministry of Energy and Mineral Resources (MEMR) Republic of Indonesia; I Made Aditya Suryawidya, Secretary General Asosiasi Energi Surya Indonesia (AESI); and Anisa Isabella Agustina, Business Development of PT Sumber Energi Surya Nusantara (SESNA). The discussion was moderated by Michael Suryaprawira, a PYC researcher.



To start the main discussion of the seminar, Filda C. Yusgiantoro, Chairperson of PYC gave an opening speech. Khoiria emphasized that the MEMR has conducted a few programs to support energy transition for Gen Z in her presentation. Meanwhile, Anisa mentioned the importance of academics' role in preparing human resources in the energy sector. And lastly, I Made Aditya explained the perspective of the industry sector. Many factors, such as technology, funding, and human resources, must be considered. To close the discussion, Inka Yusgiantoro, Head of the Supervisory Board of PYC, mentioned that the younger generation needs to map out the necessary skills to support energy transition and determine which energy sources have significant potential in Indonesia.

FGD: Utilizing Solar PV for Peer-to-Peer Electricity Trading



On 22 and 27 October 2022, PYC Team held online and offline Focus Group Discussion (FGD) with the employees of PT Kariangau Power, Balikpapan and at Gumelar District Office, Banyumas, Central Java respectively. This FGD is a part of a pilot project conducted by PYC to develop a peer-to-peer electricity trading environment using a Solar PV Panel system in a microgrid. PYC Team introduced the concept of microgrids and the solar PV Panel system to the locals hoping to educate them about the project and energy sustainability in general.

The event was a success and a lot of people joined the discussion. The government officials of Central Java also attended the event and showed their support for this project. This pilot project is highly anticipated by the people and PYC will start the construction of the Solar PV System in early 2023.



PYC's Collaboration with Economic Research Institute for ASEAN and East Asia (ERIA)

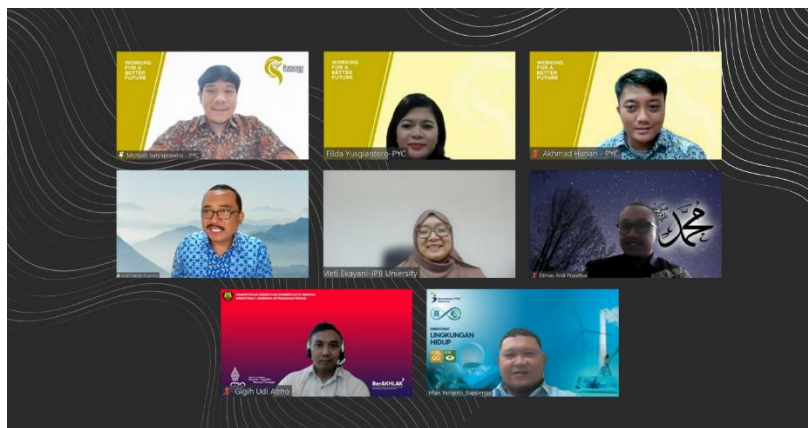


For the last three months, PYC has been conducting a study on the energy transition in the manufacturing industry sector in collaboration with the Fiscal Policy Agency (BKF) and the Economic Research Institute for ASEAN and East Asia (ERIA).

Currently, almost all energy transition studies are still centered on the power generation sector. Meanwhile, the industrial sector, one of the sectors with the highest level of energy consumption in Indonesia, has not received attention. Moreover, more and tighter global export-import policies have also caused the industrial sector to come under pressure in providing clean energy for their production processes. Therefore, this study is expected to be a driving force for the government, the industrial sector, and the academia to be able to start coordinating and working together to implement the energy transition in the manufacturing industry sector.

FGD by PYC: “Analisis Dampak Realisasi PMA Sektor Energi dan Agrikultur-Kehutanan terhadap Bidang Ekonomi Wilayah, Kondisi Sosial, Emisi Gas Rumah Kaca, dan Kualitas Lingkungan Hidup”

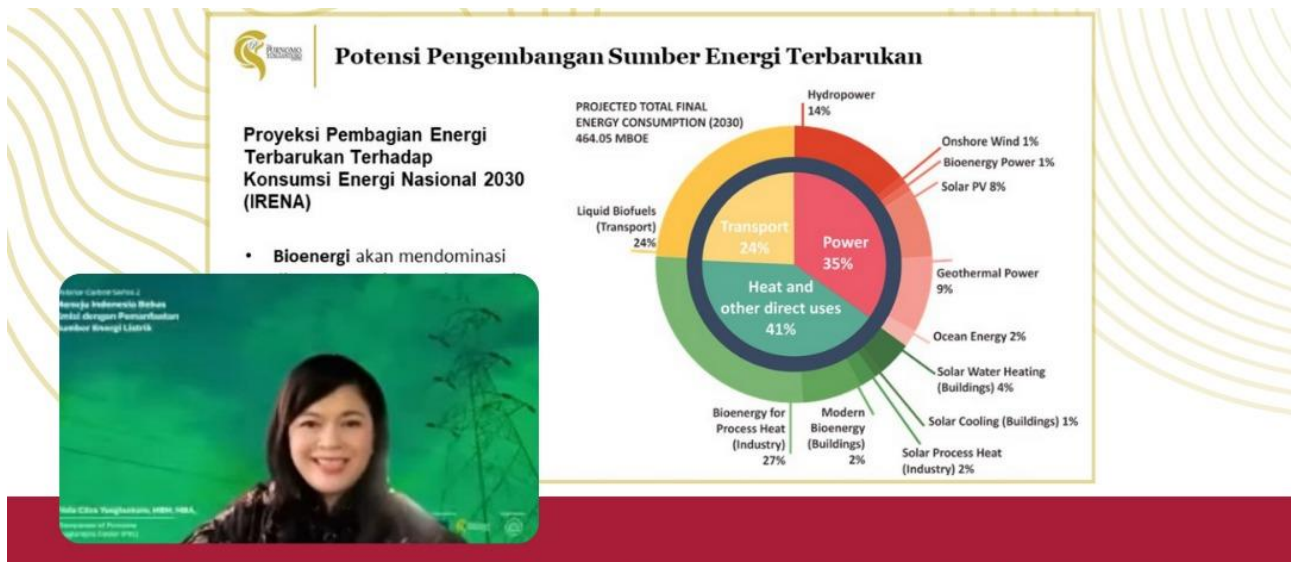
On Tuesday, 29 November 2022, PYC held a Focus Group Discussion (FGD) with Institut Pertanian Bogor (IPB) with the theme "Analisis Dampak Realisasi PMA Sektor Energi dan Agrikultur-Kehutanan terhadap Bidang Ekonomi Wilayah, Kondisi Sosial, Emisi Gas Rumah Kaca, dan Kualitas Lingkungan Hidup". In this FGD, PYC team and IPB team presented the results of the report and the FGD continued with a discussion session with several experts.



This discussion was also attended by Filda C. Yusgiantoro, Chairperson of PYC; Prof. Arief Sabdo Yuwono, Professor of Environmental Engineering IPB; Gigih Udi Atmo, Coordinator of Electricity Business Setup, Ministry of Energy and Mineral Resources; Yanuar Fajari, Head of Energy Sector Sub Directorate, Ministry of Investment/BKPM; Irfan Yananto, Functional Director for Environment, Ministry of National Development Planning/Bappenas; and Zainuddin, Functional Policy Analyst for Management of Forest Products and Environmental Services, Coordinating Ministry for Maritime Affairs and Investment.

CGEI Webinar - Menuju Indonesia Bebas Emisi dengan Pemanfaatan Sumber Energi Listrik

What is the status of the utilization of electrical energy sources to achieve Net-Zero Emissions? What efforts have been implemented?



On 29 November 2022, the Chairperson of PYC, Filda C. Yusgiantoro, presented her material titled "Status dan Upaya Konkret Pemanfaatan Sumber Energi Listrik untuk Mencapai NZE" in the webinar "Menuju Indonesia Bebas Emisi dengan Pemanfaatan Sumber Energi Listrik". This webinar was held online by Chakra Giri Energi Indonesia via Zoom Meeting. The webinar was opened by Bambang Sriyono, Principal Consultant of Chakra Giri Energi Indonesia; and Sarjiya, Head of the Center for Energy Studies (PSE) Universitas Gadjah Mada, who was also one of the speakers.

PYC in Monash Global Immersion Guarantee



Purnomo Yusgiantoro Center was one of the partners for Monash University in collaboration with The Australian Consortium for 'In-Country' Indonesian Studies (ACICIS). On 30 November 2022, PYC organized a mini-seminar and workshop as part of the Monash Global Immersion Guarantee in BSD. The event aimed to facilitate and encourage the students' awareness of energy-related global issues. The workshop was meant to be the place for students with diverse background to come together and discuss current energy issues to get a broader perspective on the opportunities and challenges of future energy development. In this event, PYC took the theme of *"Take a closer look: Energy Transition"*.

This theme is chosen due to the importance of future generations understanding and being aware of energy transition from early on. Energy security is a strategic national and international issue that must be carefully handled due to its significant impact on the national development path. It means each country must identify its potential energy source and evaluate its capability to meet future energy demands.

Furthermore, awareness of the energy transition issue must be stimulated within the young generation. A diverse perspective from policy, investment, and technology innovation will lead to how the issue should be addressed and which options should be considered. The workshop will be a suitable event to share thoughts, solidify comprehension, and envisage the future of the global energy sector in achieving sustainable energy.



EVENTS IN ENERGY SECTOR

The workshop's objectives are to provide a platform to increase students' awareness of energy-related issues, address energy transition issues from a multitude of perspectives, and identify the options that can be considered for the global energy sector in the future.

In the workshop, Massita Ayu Cindy, I Dewa Made Raditya Margenta, Akhmad Hanan, Vivi Fitriyanti, Felicia Grace, Michael Suryaprawira, Mayora Bunga Swastika, Vivid Amalia Khusna, Patricia Leonita, Helena Sihaloho, Galih Panuntun, Pingkan Serafien, Akhmad Munawir Siregar, Muhammad Salman Hakim were appointed as facilitators for the students. In this program, the students successfully identified the challenge, opportunities and recommendations for global energy transitions.



Australia-Indonesia Energy Transition Policy Dialogue



On 6 December 2022, Purnomo Yusgiantoro Center (PYC) hosted the Australia-Indonesia Energy Transition Policy Dialogue. PYC's founder, Prof. Purnomo Yusgiantoro and the chairperson, Filda C. Yusgiantoro also participated in the dialogue.

This event was conducted by the Centre for Policy Development (CPD) in partnership with Climateworks Centre Australia. The dialogue was conducted in hybrid; live in Indonesia and Canberra; and attended by representatives from several policymakers, regulators, businesses and non-government experts from Australia. Indonesian government and councils, departments, enterprises, and non-governmental organizations related to the energy transition also joined in the dialogue as well.

The dialogue aimed to gain insight, gather ideas, and build collaboration to develop practical, workable solutions for the energy challenges faced by Australia and Indonesia. As for the topics discussed were infrastructure and just energy transition followed by governance and financing.

Social Initiatives

EVENTS IN **SOCIAL INITIATIVES**

PYC Celebrated National Osteoporosis Day 2022



Every year the National Osteoporosis Day is commemorated on 20 October. To celebrate this day, PYC took part by participating in the National Osteoporosis Day event on Sunday, 23 October 2022 held by PERWATUSI (*Perkumpulan Warga Tulang Sehat Indonesia*). Thousands of participants gathered together to celebrate the event, which took place at Gelora Bung Karno Complex (GBK) Senayan, Jakarta. PYC opened a booth at the HON 2022 event and held dart games as well as selling souvenirs and clothes produced by PYC. The enthusiasm of HON 2022 participants who came to play dart games at the PYC booth made this event even more lively.

RHAPSODY NUSANTARA Concert in Solo

In commemorating Youth Pledge Day on 28 October 2022, the Solo's Regional Government held Rhapsody Nusantara concert at the Diamond Solo Convention Center. Rhapsody Nusantara is a music, dance, and poetry concert; led by the famous music orchestral composer, Singgih Sanjaya. As an NGO that supports social actions and cultural preservation, PYC joined in to liven up this concert. The artists involved in Rhapsody Nusantara were Dira Sugandi; David Bayu; Sruti Respati; Kenny Gabriel; Gamelan Soeptra Loyola; Kolintang Gratia; Voca Erudita; Filda Wibowo; Melati Arumsari; Dewi Pembayun; Ekodance; and humanist, Sardono W Kusumo; poet, Butet Kartaredjasa; and choreographer, Eko Pece. The chairperson of PYC, Filda C. Yusgiantoro (under the name of Filda Wibowo), represented PYC to be the violinist and the executive producer in this magnificent concert.



Other Events

PYC Gathering in Belitung

As part of our yearly activities, PYC went to Belitung for a gathering together with Lemhannas and Exel1. We spent 3 days and 2 nights in Sheraton Hotel Belitung, and went to numerous tourist places, like Museum Kata, Lengkuas Island, Batu Garuda, SD Laskar Pelangi, and many more.

On our first day, the PYC team did mini games to start the event. The next day, we started the day with an aerobic dance and went island hopping. At this time, the PYC team dispersed themselves to enjoy the places we visited. After that, we went to Raja Seafood restaurant to enjoy a scrumptious lunch. Next, the group went to visit the replica of SD Laskar Pelangi in Gantong Village and Museum Kata, owned by Andrea Hirata (the author of the Laskar Pelangi novel). We ended the day with dinner at a restaurant located in the heart of Belitung. On our last day, the PYC team, together with Lemhannas and Exel1, went to a local restaurant to savour Belitung's delicacy and shopped for some souvenirs. What a fun trip for the team!



Dr. Low Tuck Kwong - PYC Scholarship: Courtesy Visit to Universitas Gadjah Mada



Dato' Dr. Low Tuck Kwong is a philanthropist who has the passion for donating funds for education or scholarships to various universities in Indonesia and abroad. One of the universities that has received scholarship funds of Rp50 billion was Universitas Gadjah Mada in 2020. This time, PYC helped with the scholarship funds program given by Dato' Dr. Low Tuck Kwong to UGM. On 25 November 2022, Dr Dato' Low Tuck Kwong and PYC visited UGM for a courtesy visit with the scholarship recipients. This visit was intended to bring together scholarship funders, administrators, distributors, and

recipients. Dato' Dr. Low Tuck Kwong hopes that the scholarship funds could be used to advance Indonesia's education.

PYC Year End Gathering

On 9 December 2022, the PYC team celebrated the end of the year with an annual gathering. It was held at Sutasoma Hotel, Triburana. For this year, the theme for PYC's gathering was Classic Vintage. The theme seemed suitable and related to the recent fashion trends in 2022. The event was opened by a speech from PYC's founder, Purnomo Yusgiantoro and chairperson, Filda Citra Yusgiantoro.



The gathering started with ice breaking and followed by group games of Eat Bulaga and Bingo. After the games, the MC announced the winners of the games, and we went directly for dinner. All of PYC's staff had a wonderful time gathering together for a meal, conversations, and photo taken. At the end of the day, the gathering was closed with exchanging gifts and doorprize.

Award for PYC from *Malam Apresiasi Mitra Kemahasiswaan ITB 2022*



As a form of appreciation for the associates of Institut Teknologi Bandung (ITB), the institute held *Malam Apresiasi Mitra Kemahasiswaan ITB 2022* on 16 December 2022 that took place at the Holiday Inn Hotel, Bandung. The institute also invited associates who have worked closely with ITB in terms of scholarships, character development, as well as psychological and health consultation.

Purnomo Yusgiantoro Center, as one of the student partners that provides scholarships from non-governmental organizations, received appreciation in the form of an award certificate. The award was given directly by Dr. G. Prasetyo Adhitama S.Sn., M.Sn. from ITB. It is hoped that the collaboration between ITB and PYC will keep provide the best education for the nation's future candidates for human capital.

Upcoming Events

Coming Soon!

Politik Energi: Teori dan Aplikasi

By: Prof. Ir. Purnomo Yusgiantoro, M.Sc., M.A., Ph.D., IPU.



More From Us

PYC Community (@pyccommunity on Instagram)



PYC Community is a part of Purnomo Yusgiantoro Center where we will share more about our journey as one community.

We have fun facts, competitions for children, a day in life, information about social and culture, behind the scenes, and more about PYC Team itself!

We are ready to share it all with you.

Visit our Instagram:

[VISIT PYC COMMUNITY HERE](#)

Purnomo Yusgiantoro Center Books



tokopedia.com/purnomoyusgiantorocenter

We have finally opened our online store on Tokopedia to make it easier for you to purchase our books. The store is open during business hours from Monday to Friday. All orders made outside of business hours will be processed on the next working day.

Visit our page:

[CLICK HERE TO BUY OUR BOOKS](#)

The New Map: Energy, Climate, and the Clash of Nations by Daniel Yergin

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We are proud to announce that Purnomo Yusgiantoro Center is one of the official distributors for Daniel Yergin's "The New Map: Energy, Climate, and the Clash of Nations".

Check out our special bundling packages for more interesting offers.

The book is also available for purchase at Toko Buku Elvira, Bandung. Check it out!

[CLICK HERE FOR MORE INFO!](#)

Rekam Jejak Dua Periode ESDM: Menguk dan Mengenang Masa Transisi 2000-2009 by Prof. Purnomo Yusgiantoro

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Get this set of Rekam Jejak Dua Periode ESDM: Menguk dan Mengenang Masa Transisi 2000-2009, by Prof. Ir. Purnomo Yusgiantoro, M.Sc., M.A., Ph.D., IPU.

This set of two books tells Prof. Purnomo Yusgiantoro and his experience in one of the national strategic sectors, Energy and Mineral Resources (ESDM). Through this book, readers will be taken to a journey and see the intricacies of ESDM's advancement, especially during the transition period of Reformation era.

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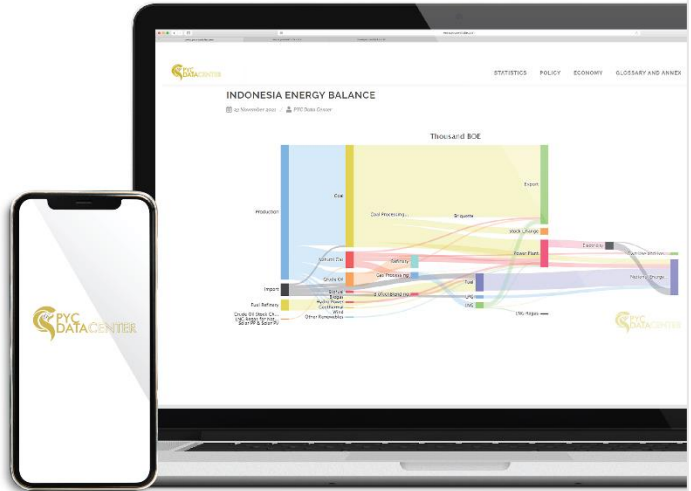


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Selected opinion will be published on PYC website



Fight COVID-19 Let's Get Vaccinated



And also,
never forget!



Physical
Distancing



Wear
Your Mask



Wash
Your Hands



Avoid the
Crowds



Reduce
Mobility



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