

4th Quarter | October-December 2020



Purnomo Yusgiantoro Center

E-NEWSLETTER

Energy Events
Social Initiatives
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Publications
Upcoming Events

A Message from the Chairperson

Greetings from Purnomo Yusgiantoro Center!

The year 2020 is an important milestone for many people; adapting and adjusting our daily routine due to COVID-19. Even though the pandemic still exists, PYC has done insightful knowledge sharing activities and social initiatives during the last quarter of 2020.

PYC held a webinar discussing the relationship between energy and climate change in Indonesia, with Mrs. Tiza Mafira, Associate Director of Climate Policy Initiative, and Mr. Beni Suryadi, Project Manager of ASEAN Climate Change and Energy Project (ACCEPT), as the main speakers. PYC also has published two *Energy Drink* podcasts. We, first, interviewed Mr. Sampe L. Purba, Expert Staff for Natural Resources Economics from Ministry of Energy and Mineral Resources, to discuss renewable energy bill during COVID-19. We also interviewed Mrs. Ida Nuryatin Finahari, Director of Geothermal Energy from Ministry of Energy and Mineral Resources, to discuss the geothermal energy development in Indonesia. On top of that, there will be another *Energy Drink* coming soon, in which PYC researchers will discuss the notable events briefly in the energy sector during 2020.

Similar to last year, Indonesia Energy Kaleidoscope 2020, a brief report summarizing selected notable events related to the energy sector during this pandemic, will be published soon. PYC took part in the Medan International Conference on Energy and Sustainability (MICES) 2020, where a paper from PYC research team studying the feasibility of mini-LNG development in South Sumatera was accepted. Our researcher, Massita Ayu, presented the paper at this event.

Apart from that, our researchers wrote several op-eds, participated in the Kyoto Ideas Forum 2020, discussed geothermal energy development through collaboration with Indonesia's energy start-up, Ailima, and also participated in a webinar discussing how to start a research.

We also understand that year 2020 has become a turning point, when most institutions organize events virtually because of Covid-19 pandemic. PYC also held an online children storytelling competition to commemorate the Heroes' Day ceremony. We received great stories from an unexpected number of 83 participants from 11 provinces across Indonesia. This comes to our understanding that many remain active and productive during this pandemic. PYC also participated in a Ketoprak Performance by Rumah Budaya Nusantara (RBN) Puspo Budoyo, to celebrate its 100th episode. Besides, PYC also represented Dato' Dr. Low Tuck Kwong in the *Dies Natalis* of Universitas Gadjah Mada event.

There were also other PYC events in this last quarter of 2020, but overall, PYC has achieved great results this year.

We are looking forward to more exciting events next year, especially on our plan to held PYC International Energy Conference again in 2021. Please stay tuned to our social media and website for the latest information, and we hope you could participate in these activities.

Lastly, we would like to extend our deepest gratitude to many supports from our friends and colleagues. We hope your support to PYC for next year will continue.

On behalf of Purnomo Yusgiantoro Center's management and staff, we wish you a peaceful Merry Christmas 2019 and a very Happy New Year 2021! Stay healthy and safe!

Regards,

Filda Citra Yusgiantoro, Ph.D.

Chairperson

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Events in

Energy Sector

EVENTS IN ENERGY SECTOR

The Enight "Rethinking Energy-Climate Relations in Indonesia"



Purnomo Yusgiantoro Center (PYC) conducted The Energy Insight (The Enight) for the second time and it was live-streamed through the official PYC YouTube channel on 24 October 2020. The theme of this event was "Rethinking Energy-Climate Relations in Indonesia." Tiza Mafira, Associate Director of Climate Policy Initiative and Beni Suryadi, Project Manager of ASEAN Climate Change and Energy Project (ACCEPT), were invited as main speakers. Tiza highlighted the significant damage that will occur if the climate change issue is

poorly managed. The damage varies from coral reef decline, species extinction, food scarcity, social and economic issues. A carbon pricing scheme can be used as one option that should be put to use. However, it should be well designed and calculated in order to enhance climate change mitigation. Beni emphasized that climate change issues should not only be addressed in environmental sectors, but also in other related sectors, including energy sector.

PYC Participation in the Medan International Conference on Energy and Sustainability 2020



On 27 October 2020, PYC participated in the Medan International Conference on Energy and Sustainability. One of our researchers, Massita Ayu Cindy, presented our recent studies on The Feasibility Study of Flare Gas Utilization Through a Small-Scale LNG Development in South Sumatra, Indonesia. This study focuses on economic feasibility and the recommendation provided could be a reference for stakeholders who want to invest in similar projects. Although the recommendation might only be relevant to specific cases, PYC would love to consider any opportunity to conduct further study to deepen our understanding and analysis. Please, reach us through research@pycenter.org.

EVENTS IN ENERGY SECTOR

PYC - AILIMA Webinar Geothermal Energy Development & Challenges: Regulatory & Economics Perspective

ailima.co.id

AILIMA x Purnomo

**AILIMA SnC:
Webcast #6**

**Geothermal Energy Development & Challenges:
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Anchor
Aburiza Akhmad
Business Strategist
at AILIMA

Speaker
Massita Ayu Cindy
Energy Security Researcher
at Purnomo Yusplatoro
Center

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* T&C: Follow IG @ailima.co.id & LinkedIn AILIMA

As part of our mission to engage with energy communities, PYC collaborated with Indonesia's energy start-up, Ailima, to conduct Ailima SnC: Webcast #6. In this session, we discussed the Geothermal Energy Development & Challenges: Regulatory & Economics Perspective. The webcast was hosted by Abuiza Akhmad from Ailima and invited Massita Ayu Cindy, PYC researcher, as the main speaker. The 1.5 hours of casual discussion was attended by participants who were mostly engineering students and young professionals. We hope that this webcast could bridge the gap between technical knowledge and economic, social & political issues in the energy sectors, especially for young generations.

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Social Initiatives

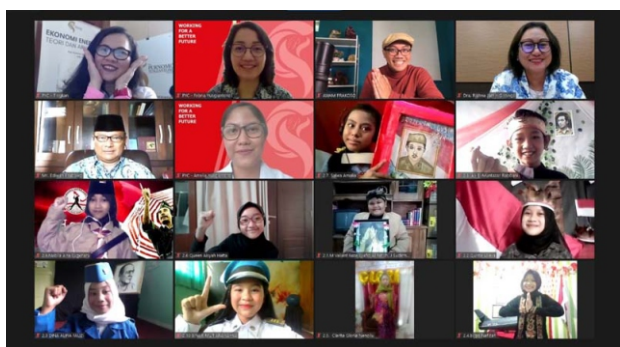
EVENTS IN SOCIAL SECTOR

Ketoprak Performance "Dwi Warna Pengikat Jiwa": A harmonious collaboration of Purnomo Yusgiantoro Center and Rumah Budaya Nusantara (RBN) Puspo Budoyo



To celebrate the 100th episode of *Ketoprak* Performance by *RBN Puspo Budoyo*, they invited Purnomo Yusgiantoro Center (PYC) for a beautiful collaboration since PYC also has cultural program concerning the art and cultural tradition. The performance was held on Sunday, 4 October 2020 in the *Pelataran Majapahit, Rumah Budaya Nusantara (RBN) Puspo Budoyo* with a story entitled “*Dwi Warna Pengikat Jiwa*”. There were six team members of PYC participated in this performance: Adinda Hasibuan as Queen Pembayun; Pingkan Serafien as Rara Cempaka; Zaenal Arifin as Tambakyuda, Galih Panuntun as Tambakbaya; Dwi Janarko as Alap-alap; and Candra Pebrita as Surajaya.

Children Storytelling Competition by Purnomo Yusgiantoro Center



To commemorate Heroes Day on 10 November 2020, Purnomo Yusgiantoro Center held a Children Storytelling Competition with Indonesia's Heroes as the chosen theme. The competition was done online via Zoom and YouTube and the participants were divided into 2 age groups. Referring to the theme of this year's National Heroes Day commemoration, which is My Heroes of All Time, PYC felt the need to cultivate respect and honor for the services of our Nation's heroes from as early as elementary school.

The competition began in early November with participants making a video, telling a story of a specific national hero and uploaded it onto their personal social media. A total of 83 participants from 11 provinces in Indonesia joined in and uploaded their videos on social media. From there, the committee chose 10 finalists from each age groups and have them read their stories in front of the judges on Saturday, 28 November 2020. The judging was conducted online and streamed live on the Purnomo Yusgiantoro Center official YouTube channel at 10.00 WIB.

There were four judges in this competition and they were Riahna Jamin Gintings, daughter of Jamin Gintings, one of our national heroes; Lt. Gen. Ediwan R Prabowo from the Nawacita Research Institute; Awam Prakoso, a storyteller and founder of Kampung Dongeng community; and the last one was Febria Yusgiantoro representing Purnomo Yusgiantoro Center (PYC). The judges were quite impressed by the performances of the finalists both in terms of the presentation and the content of the stories.

Other Events

OTHER EVENTS

Webinar: How to Start a Research



On 3 October 2020, PYC Researcher, Haryanto, was invited by Biology Students Association of Institut Teknologi Sumatera (ITERA), to give a webinar on “How to Start a Research”. The webinar was opened by Ramadhani Eka Putra, Ph.D., Head of Biology Study Department of ITERA. In the webinar, Haryanto shared his personal take on how to write a research proposal, including some do's and don't's. The webinar was attended by students and lecturers of ITERA and other universities. The full webinar can be found [here](#).

Virtual Launching of “Dato' Low Tuck Kwong – Purnomo Yusgiantoro Scholarship” and “Purnomo Yusgiantoro – Dato' Low tuck Kwong Scholarship”



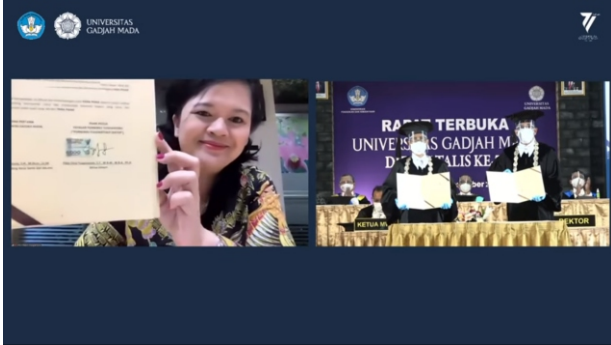
Purnomo Yusgiantoro Center (PYC) is entrusted by Dato' Low Tuck Kwong, on behalf of him, to coordinate and cooperate with ITB in utilizing the IDR100 billion donation given in October 2019. The donation will be used for the construction of the Labtek 17 Building, including the laboratory of enhanced oil recovery (EOR) development. And more importantly, IDR50 billion will be used as endowment fund for providing scholarship to ITB students.

On Tuesday, 17 November 2020, Rector of ITB, Prof. Reini Wirahadikusumah MSCE., Ph.D., officially opened the ITB Scholarship Program Ceremony and launched the “Dato' Low Tuck Kwong – Purnomo Yusgiantoro Scholarship” and “Purnomo Yusgiantoro – Dato' Low tuck Kwong Scholarship”. There are 174 scholarship recipients consisting of 124 students receiving the Dato 'Low Tuck Kwong - Purnomo Yusgiantoro Scholarship and 50 students receiving the Purnomo Yusgiantoro - Dato' Low Tuck Kwong Scholarship. The scholarship recipients came from Petroleum Engineering, Mining Engineering, Geophysical Engineering, Metallurgical Engineering, Chemical Engineering, Geological Engineering, Industrial Engineering and Civil Engineering Department.

PYC hopes the donation from Dato' Low Tuck Kwong can make a contribution in developing the learning facilities at ITB and improving the quality of human capital in Indonesia.

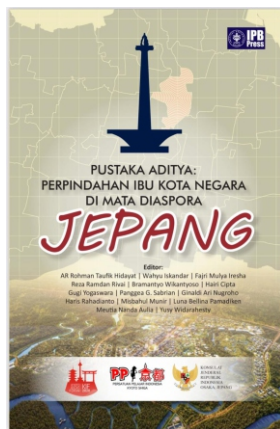
OTHER EVENTS

Dies Natalis Universitas Gadjah Mada



On Saturday, 19 December 2020, PYC represented Dato' Dr. Low Tuck Kwong to give a brief remark in the *Dies Natalis* Event of Universitas Gadjah Mada. Chairperson of PYC, Mrs. Filda C. Yusgiantoro, hopes that the IDR 50 billion donation from Dato' Dr. Low Tuck Kwong to Universitas Gadjah Mada, as endowment fund, can contribute to developing human resources in Indonesia.

Kyoto Ideas Forum 2020



Our researcher, Haryanto, submitted an essay on "Pembangkit Listrik Tenaga Sampah (PLTSA):: Peningkatan Ketahanan Energi dan Pembangunan Berkelanjutan di Ibu Kota Baru" to the Kyoto Ideas Forum 2020, held by Association of Indonesian Students in Kyoto-Shiga (PPI-KS). The essay was then published as the book titled "Pustaka Aditya", together with other essays, that is given to the stakeholders in Indonesia.

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Academic Corner

When Will the Energy and Environment Sector Walk Hand in Hand in Indonesia?

By: Diwangkara Bagus Nugraha (Researcher at Purnomo Yusgiantoro Center)
Published on: katadata.co.id

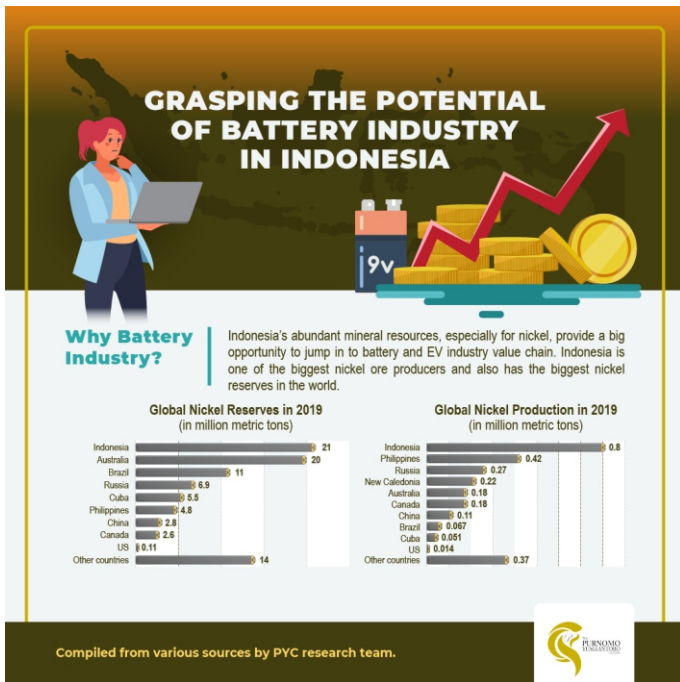
The ratification of the Paris Agreement in 2016 should improve the relationship between energy and the environment in Indonesia. Yet, the energy and environment sectors walk in a different direction, even though they should get along well. Without an intertwining pathway of both sectors, the threat of climate impacts will become even severe. Effective policy design is essential to improving relations between the energy sector and the environment. Not only effective in one sector, but policies made also need to support each other.

[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.

Grasping the Potential of Battery Industry in Indonesia



The rapid growth of electric vehicle and renewable energy development have brought positive impact for battery's market. As a country with abundant nickel resources, Indonesia needs to take advantage of this momentum to maximize the use of nickel as raw material for batteries. Therefore, the government's role is crucial in attracting investors for developing battery industry in Indonesia.

For more information on the investment and revenue data updates in the energy sector, please visit the PYC Data Center website (www.datacenter-pyc.org).

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

Energy Kaleidoscope 2020



It is an eventful year for all parties due to the COVID-19 pandemic. This pandemic, inevitably, got the spotlight this year. Despite the pandemic, some notable events in Indonesia's energy sector can be depicted in this infographic.

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

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Our
Publications

Energy Drink by PYC Ep. 10 - “Urgensi RUU EBT Pascapandemi” (ft. Sampe L. Purba)



In this podcast, PYC tried to discuss the urgency of the post-pandemic New and Renewable Energy Bill. It is hoped that this will not only be able to increase the NRE mix nationally, but also to encourage an increase in post-pandemic national investment, opening up opportunities to increase employment in the EBT sector and increasing national energy security. Everything will be discussed in-depth and exclusively with Sampe L. Purba (Expert Staff for Natural Resources Economics, Ministry of Energy and Mineral Resources) and PYC researcher, Akhmad Hanan.

Click the logo below to access our podcast!



Energy Drink by PYC Ep. 11 - “Menghangatkan Kembali Panas Bumi” (ft. Ida Nuryatin Finahari)



Based on data obtained from the Geological Agency, geothermal resources in Indonesia has reached more than 25,386.5 MW. Indonesia itself has become the 2nd largest country in the world in utilizing geothermal energy after America. However, the amount of geothermal potential is still not being fully utilized. Therefore, the Government has targeted an increase in the utilization of geothermal energy to 7,242 MW in 2025 and 10,000 MW in 2030. Also, what are the efforts from the government to increase the reuse of geothermal energy in Indonesia. Everything will be discussed in-depth and exclusively with Ida Nuryatin Finahari (Director of Geothermal Energy, Ministry of Energy and Mineral Resources) and PYC researcher, Massita Ayu Cindy.

Click the logo below to access our podcast!



The Enight: Rethinking Energy-Climate Relations in Indonesia

Rethinking Energy-Climate Relations in Indonesia

Tiza Mafira
Associate Director
Climate Policy Initiative

Beni Suryadi
Project Manager
ASEAN Climate Change and
Energy Project (ACCEPT)

Opening Remark
Filda C. Yusgiantoro
Chairperson of PYC

Moderated by
I Dewa Made Raditya
Researcher of PYC

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pyc@pycenter.org

The Enight or Energy Insight is a program of the Purnomo Yusgiantoro Center (PYC) aims to share views for those with interests in energy issues. The Enight will discuss whether energy development and current climate action are mutually supportive or conflicting in Indonesia. How are energy and climate issues related? Are Indonesia's current energy and climate policies coherent with each other? Will carbon pricing regulations help Indonesia achieve its emission reduction targets?

Click the logo below to access our Enight!



Energy 24/7



ENERGY DRINK
Your Favorite Energy Podcast

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!



Indonesia Energy Kaleidoscope 2020



It is an eventful year for all parties due to the Covid-19 pandemic. This pandemic, inevitably, got the spotlight this year. Despite the pandemic, some notable events in Indonesia's energy sector can be depicted in this kaleidoscope.

1. Expanding Domestic Palm Oil-based Fuel (January)
2. Indonesia's First and Largest Floating Solar Power Plant PPA (January)
3. Elimination of BOOT Accelerates Renewable Energy Development and Utilization (February)
4. Potential State Losses from the Government's PLTSa Projects (March)
5. Government Slashed Gas Price for Indonesia's Domestic Industry (April)
6. First Time in History: Crude Oil for Free? (April)
7. Domestic Mining Sector after New Law Enactment (May)
8. Pertamina Subholding: New Face & Strategies (June)
9. Shell Oil Company Plans to Leave the Masela Block Oil and Gas Project (July)
10. Longest 2D Seismic Survey: A Step Towards 1 Million BOPD (August)
11. Omnibus Law: Impact on the Energy Sector (October)
12. Indonesia Battery Holding Could Accelerate Electric Vehicles Development (October)

[Click here to access our kaleidoscope](#)

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Upcoming
Events

PYC International Energy Conference 2021 Competition



PYC International Energy Conference 2021 Competition will be held soon. There will be three competitions: Photo Competition, Infographic Competition and Essay Competition. Selected submissions will be displayed on PYC International Energy Conference 2021 and the winners will get fantastic prizes. Stay tune on our social media for upcoming information.

PYC Energy Awards 2021



For those who has initiatives on energy sector with positive impact for community, submit yourself and your work to be nominated for PYC Energy Award and get a prize. Stay tuned on our social media for further information.

The Ensign



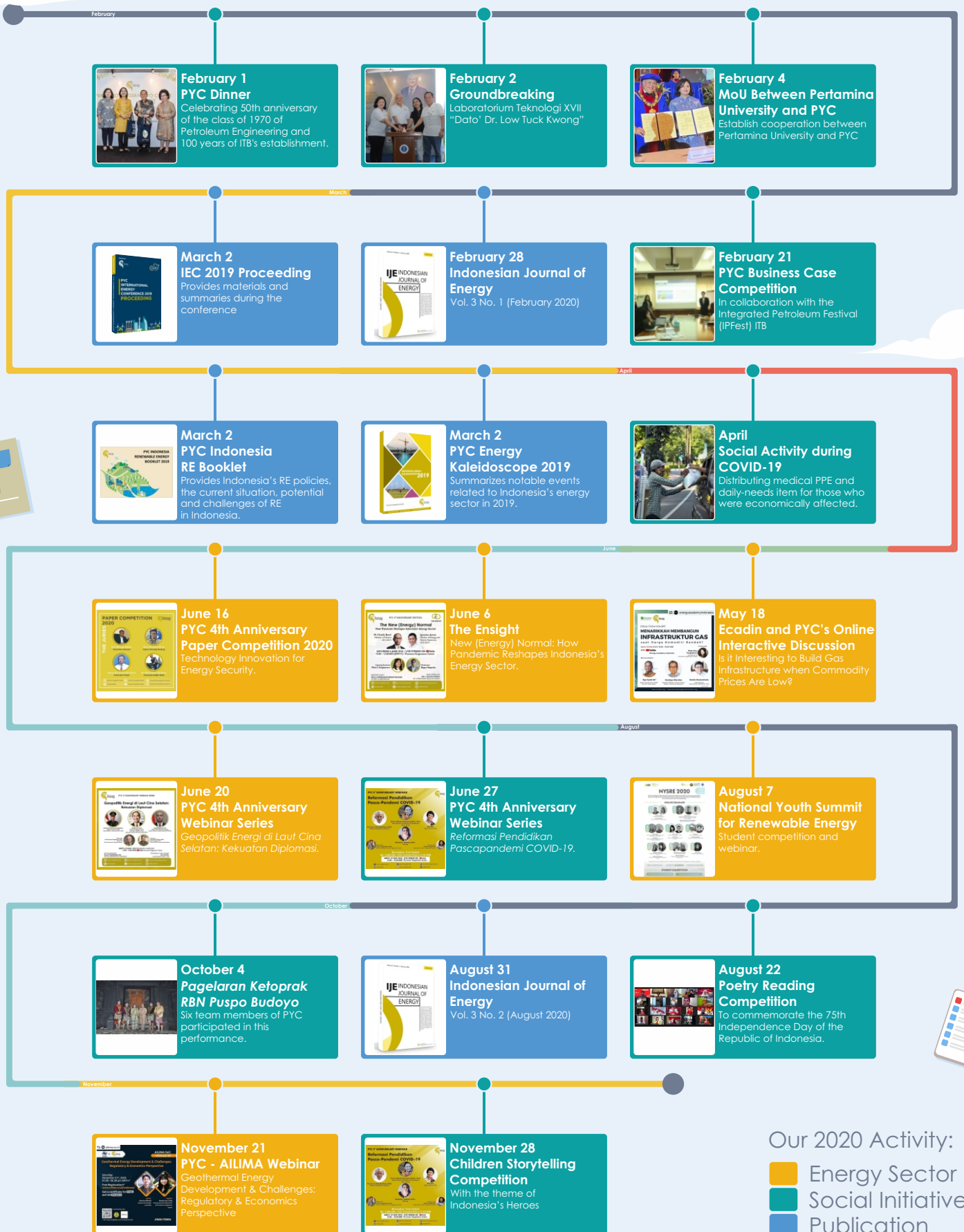
THE ENSIGHT

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

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PYC 2020 Kaleidoscope

PYC 2020 Kaleidoscope



- Our 2020 Activity:
- Energy Sector
 - Social Initiatives
 - Publication

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More from Us

Congratulation for the winners of Children Storytelling Competition by PYC

Category 2



1st Place

Jasmine Jannata
Amalina Budianto
MIN 10 - Blitar



2nd Place

Tara D.J. Suprpto
SD Cinta Kasih Tzu Chi - Jakarta



3rd Place

Ufairah Farzana Prasetya
SD Unggulan Aisyiyah - Bantul



4th Place

Sophia Annabelle Thie
Santa Laurensia - Tangerang



5th Place

Venanzio Sas Camerino
SD Yos Sudarso - Batam



6th Place

Marcellinus Natan Bianto
SDK Mater Dei - Tangerang



7th Place

Jocelyn Kayla Surjono
SD St. Theresia - Jakarta



8th Place

Ignacio Prajnayaka
SD Pangudi Luhur - Jakarta



9th Place

Rafa Muhammad Hatta
SD Mentari Intercultural School - Jakarta



10th Place

Alkhalifi Rasya Anwadir
MIT Ar-Roihan - Malang

Congratulation for the winners of Children Storytelling Competition by PYC

Category 2



1st Place

M Valiant Faza
Syafiq Al Fatich
MIN 10 - BLITAR



2nd Place

Binar Mutiara Yahya
SDN Ungaran 1 - Yogyakarta



3rd Place

Quinta Alayya
SDN Cikumpa Sukmajaya - Depok



4th Place

Bilqis Nafizah Kistya Hanum
SD Tengah 06 Pagi - Jakarta



5th Place

Dina Alifia Fauzi
MIN I Bantul - Yogyakarta



6th Place

Ali El Muntazar Rabbani
SDN Pademangan Timur 01 - Jakarta



7th Place

Queen Aisyah Hatta
Mentari Intercultural School - Jakarta



8th Place

Salwa Amalia Kaysan
SDN Jagakarsa 01 Pagi - Jakarta



9th Place

Nabila Aira Sugeharu
SDN Cibuluh 1 - Bogor



10th Place

Clarita Gloria Nenoliu
SD Inpres Oebesa - NTT

Congratulation for the winners of Children Storytelling Competition by PYC Favorite Winner

Category 1



Jocelyn Kayla Surjono
SD St. Theresia - Jakarta

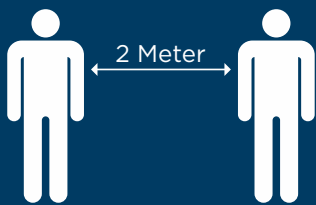
Category 2



Clarita Gloria Nenoliu
SD Inpres Oebesa - NTT



Always remember!



Social distancing



Wear a mask



Wash your hands

Lets fight COVID-19



WE ARE OPEN FOR RESEARCH COLLABORATION



Send your research collaboration proposal to
research@pycenter.org



SHARE YOUR OPINION

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



The Enhancement of Energy Security
for Sustainable Future


COMING SOON

OCTOBER 2021



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