

# Research & Development 20 for Clean Energy Technology



# Summer School 2024

Diversity of Knowledge on Decarbonization in Just Energy Transition Mechanism

South Tangerang, July 7 - 13, 2024 | Indonesia

## ACTIVITIES

- Lectures and Seminars
- Panel Discussions
- Technical Excursions
- Posters & collaborative projects



## LABORATORY VISIT



BJ Habibie Science Techno Park

\*tentative



Floating PV Cirata\*

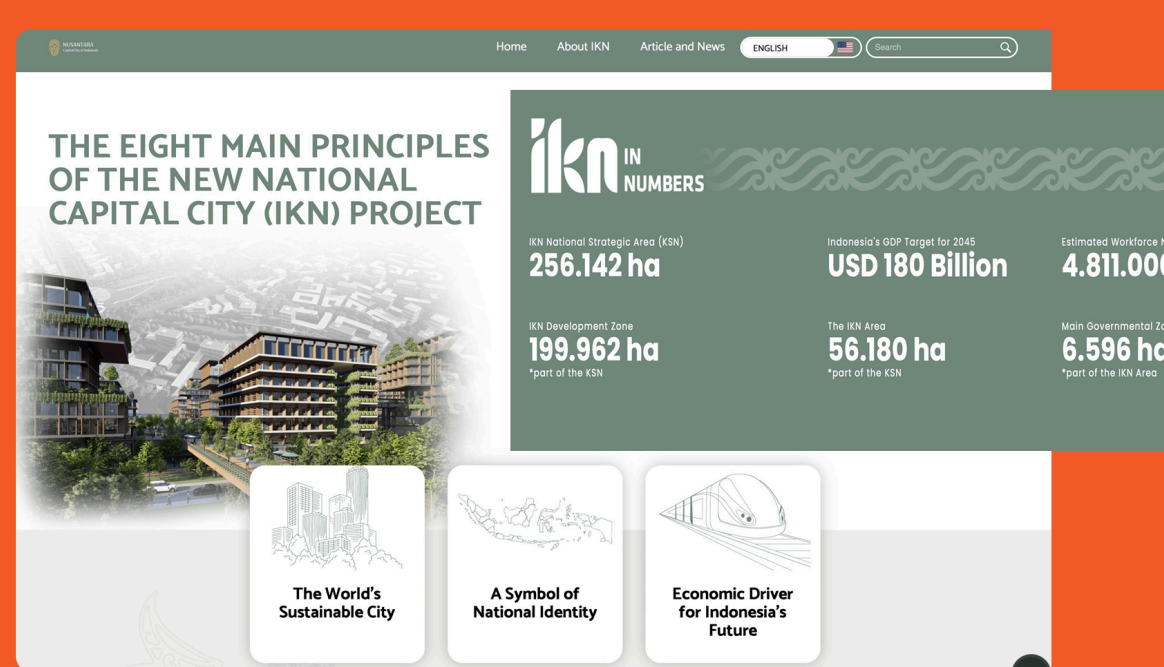


Bogor Botanical Garden

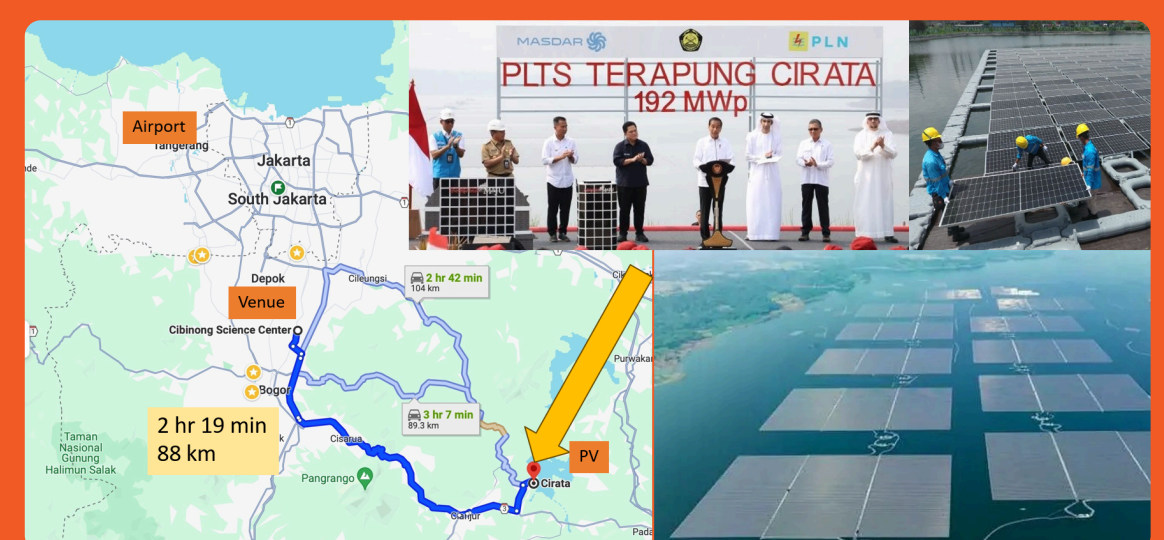
## DISCUSSION TOPIC AND EXCURSION PLAN

### Discussion topic:

The new country capital development



Technical excursion tour to the largest solar power plant in Southeast Asia : Cirata, Purwakarta\*



Hydrogen Refueling Station in Jakarta\*

\*tentative

## THE SPEAKER



### Eniya L Dewi

Directorate General of New and Renewable Energy, Ministry of Energy and Mineral Resources, Indonesia

### Tri Mumpuni

Steering Committee of National Research and Innovation Agency (BRIN), Indonesia

### Vivi Yulaswati\*

Directorate General in the Ministry of National Development Planning, Indonesia

### Nicke Widyawati\*

President Director of PT. Pertamina Persero, Indonesia

### Dadan Kusdiana\*

Secretary General of Ministry of Energy and Mineral Resources Indonesia

### Amarulla Octavian

Vice Chairman of National Research and Innovation Agency (BRIN), Indonesia

### Haznan Abimanyu

Head of Organization Research for Energy and Manufacture, BRIN Indonesia

### Mego Pinandito

Deputy Chairman for Development Policy, (BRIN) Indonesia

### Hiroshi Kikusato

National Institute of Advanced Industrial Science and Technology (AIST), Japan

### Venkatachalam Anbumozhi

Director of Research Strategy and Innovation, ERIA

### Noel Duffy

Commonwealth Scientific and Industrial Research Organisation (CSIRO)

### Sonachalam Arumugam

National Institutes of Technology (NITs), India

### Bill Tumas

National Renewable Energy Laboratory (NREL), USA

### Colin Nolden

University of Sheffield, UK

### Francisco Javier

Cinvestav: "Excelencia en Investigación y Posgrado - Mexico"

### Danny Pudjianto

Imperial College London, UK

### Noriko Yoshizawa

National Institute of Advanced Industrial Science and Technology (AIST), Japan

### Anthony Burrell

National Renewable Energy Laboratory, NREL, USA

### Kyotaka Tsunemi

National Institute of Advanced Industrial Science and Technology (AIST), Japan

### Pierre Serre-Combe

Atomic Energy and Alternative Energies Commission | CEA France

\*to be confirmed

## FASILITATORS

- A facilitation team consisting of energy and decarbonization experts from G20 member countries will accompany the participants throughout the event.
- Facilitators will guide discussions, provide feedback, and direct group activities

## TOPIC & LECTURES

- Introduction to Sustainable Energy Transition
- Insight of New Capital
- Life Cycle Assessments and Circular Economy
- Waste Management
- Carbon Feedstock, Carbon Sink, Carbon Market and Price
- Energy Storage and Battery
- Recent Solar Development (Floating PV, Agro-Photovoltaic)
- Smart Grid and Advanced Power Generation
- AI for Energy Transition
- Negative Emission, Biomass Resources and Utilizations
- Bio Based Materials and Green Building
- Carbon Capture Storage & Utilization
- Hydrogen Production, Transport, Utilization
- Innovative Finance for Energy Transition

## REGISTRATION

[conference.brin.go.id/rd20-summer-school-2024](https://conference.brin.go.id/rd20-summer-school-2024)

## REGISTRATION FEE

- Young researcher \$500 USD
- Senior scientist \$1000 USD
- Local (Indonesian) participant and corporation researchers/representative: Please reach out to the committee via e-mail
- Speakers \$500 USD

## VENUE

Ibis Style Serpong BSD City & BRIN Science Technopark  
South Tangerang, Banten, Indonesia.

