



GALESS TiltShift Challenge 2023 Information Pack 3 "Energy Transition" Bali - Indonesia, 3 - 9 September 2023

As the global pandemic situation has had a positive change, the TiltShift Challenge Energy Transition will be organized in a physical setting. As the title reveals, this time we will focus our student research area on the worldwide Energy Transition. The TiltShift Challenge includes a period for research efforts followed up by physical presentations, starting September 3, 2023 till September 9, 2023 in Bali.

The research activities are meant to be set in a school environment, in a school team of 4 students and a guiding teacher. Reference contacts from your school, local community, and region who may serve as living libraries are also requested.

This TiltShift Challenge addresses an effort to contribute to awareness about complex questions in an Energy Transformation, looking for sustainable and responsible answers from our young generation in each part of the world.

GLASSES Tilt Shift Challenge in Bali will be organized by the **Center for Young Scientists (CYS)** in partnership with the Directorate of Education, Youth, and Sport, Bali Provincial Government, and Krya.

CONFERENCE ACCOMODATION

Werdhapura Village Center

Jl. Danau Tamblingan No.49, Sanur, Denpasar Selatan, Kota Denpasar, Bali 80228, Indonesia

<https://goo.gl/maps/XPKFGVawjVSEDkyK6>

Werdhapura Village Center is a resort that is managed by the government under The Ministry of Public Works and Housing in Indonesia. Werdhapura normally supports government activities such as conferences, bootcamp, training and other activities. Werdhapura has a special direct access to Sanur beach that can accommodate participants to enjoy the beach anytime.

Facilities:

Room arrangement : 2-3 students in a room. Teacher room info, please contact local Project Leader.

Swimming Pool (please bring swimming suits)

Breakfast / Lunch & Dinner are provided (see Tentative Program, last column)

PROGRAM (Tentative)

Date	Morning	Afternoon	Evening	Acc and Trans	Meals
Day 1 Sunday, 3 Sept 2023			Arrival Welcoming Dinner and Briefing	Acc: Hotel or similar Trans: Bus	D
Day 2 Monday, 4 Sept 2023	Breakfast Opening Ceremony Keynote Session 1	Lunch break Research Report Presentation	Dinner Free time	Acc: Hotel or similar Trans: Bus	B/L/D
Day 3 Tuesday, 5 Sept 2023	Breakfast Introduction: Visit Solar Farm Activities at Solar Farm with local villagers	Lunch break Visit the Workshop Energy Conversion in Vehicle Keynote Session 2	Dinner Wrap Up Session	Acc: Hotel or similar Trans: Bus	B/L/D
Day 4 Wednesday, 6 Sept 2023	Breakfast Research Report Presentation	Lunch break School Exchange Cultural Preparation	Dinner Cultural Exchange night	Acc: Hotel or similar Trans: Bus	B/L/D
Day 5 Thursday, 7 Sept 2023	Breakfast Visit Bali Department of Transportation	Lunch break experiencing local transportation	Dinner Submit the Challenge	Acc: Hotel or similar Trans: Bus	B/L/D
Day 6 Friday, 8 Sept 2023	Breakfast Bali Trip	Lunch (self arrangement) Bali Trip	Closing	Acc: Hotel or similar Trans: Bus	B/D
Day 7 Saturday, 9 Sept 2023	Departure			Acc: Hotel or similar Trans: Bus	B

***subject to change and availability**

PROJECT PRESENTATION

Project presentation will be divided into 2 parts : presentation (10 minutes) and Q & A (5 minutes)

Participating teams must prepare their presentation. Digital media device available on location (computer, Powerpoint etc)

PAYMENT INFORMATION

Payment Method : Bank Transfer with this information:

Bank Name : Mandiri

Account Number : 131-00-7325386-8

Account Name : Yayasan Pengembangan Peneliti Belia Nusantara

Bank Address: Jl Ligar Seroja no 12 Bandung 40191 Indonesia

Swift Code : BMRIIDJA

Amount: USD 500,- per participant (for each student / teacher)

Invoice will be sent in the second week of July 2023. Invoice based on 4 students per team plus one teacher. In case of more than one teacher being involved :

1. Inform the Local Project Leader , Mr. Anton Malem Barus, as soon as possible, before August 1, 2023
2. Adjust your payment accordingly.

Please make sure that you will use the payment option: **"OUR bank transfer"**, which means that the sender of the payment will bear all of the payment transaction-fees.

Payment Deadline : August 15, 2023

DOCUMENTS TO ENTER INDONESIA

Please prepare your travel-documents I time !

1. Visa (if needed)

Please let the local organization know as soon as possible about Invitation Letters if necessary"

2. Passport
3. Vaccine Certificate

A document regarding further travel-requirements will be sent to you one week before the conference (clothing advice, electricity plug-ins etc.)

MEDIA

- If schools want to upload an introduction-movie of their team on the gales-website, let us know (info@gales.org)
- Media-form included in the mailing (see attachment)

Further information

Research Report

RESEARCH REPORT The research report will address 3 topics.

1. Investigate your country's energy system.
 - a. What sources of energy are currently available?
 - b. How much and what type of energy is consumed?
 - c. What (if any) sources of energy are imported / exported?
2. Propose a plan for transitioning your country's energy system away from carbon based sources.
 - a. What energy sources would be used and how would they be developed/acquired?
 - b. What are some of the anticipated challenges in this transition?

c. How can some of these challenges be overcome?

3. Examine the global implications of your country's energy system transition.

a. What are some potential impacts of your country's transition on other countries?

b. How can your country aid other countries in their transition to decarbonized energy systems.

Research Report deadline: August 15, 2023 (to: info@galeess.org)

- Reports will only be published on GALESS website starting in the week of the conference

Contacts:

Local Project leader: Mr. Anton Malem Barus email: antonius.mb@galeess.org
Second email: Antonius.mb@gmail.com

CYS Local Project-coordination: Mrs. Monika Raharti

GALESS contact Front Desk: Mr. Hubert Schilling email: info@galeess.org

All questions regarding local arrangements & payments : please address to local Project leader.

All questions regarding research-reports, formats, student-registrations, register introduction movies and website related questions . Address to GALESS Front Desk : info@galeess.org