



Supplementary

# Sustainability Report 2021

**SDG 1:**

End poverty in all its forms everywhere

**1 NO  
POVERTY**

The icon for Sustainable Development Goal 1, 'No Poverty', showing a family silhouette with a person using a cane, a child, a woman, another woman, another child, and a man.



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# Learning Program

# 1

## Orientation Program Entrepreneurship Teaching Center

Vocational School IPB University with PT Charoen Pokphand Indonesia held an entrepreneurship teaching centre orientation program (22-6/2). This activity followed by 20 students who passed the internship selection at Prima Freshmart Market. Head of Vocational School IPB University, Dr Arief Daryanto, said that this program could attract students to develop their knowledge and idea. Moreover, in the COVID19 pandemic period, many of the consumer life cycle closed and moved to products sold through e-commerce. "For that, Vocational School IPB Univeristy built DUDI (World of Entrepreneurship and World of Industrial) and IDUKA (The wolrd of industrial entrepreneurship and world of work) so that the students could realize their idea and knowledge to become innovations and make teir own workfield," he explained. Agustinus Suhardi as a trainer of Prima Freshmart, during his speech, explained that the Entrepreneurship Teaching Center (ETC) Program is a form of entrepreneurship facilitating students' internship in the working world to make the students could have direct experience in the field.



# 2

## Growing Entrepreneurship by Smart Hydroponic Training



Environment Division of Social and Community Dedication Department of IPB University Vocational School's Student Executive Board conducted a webinar as an opening to SiTarik (Smart Hydroponic Students) training virtually, 14/3. The theme of this event was "Training and Hydroponic Entrepreneurship". In his opening speech, the Dean of IPB University Vocational School, Dr Arief Daryanto really appreciated and supported the event and hoped that the participants could gain benefits really well. "Hopefully, this event can be the solution to overcome the main challenge in agriculture, which is how we can produce more, be more friendly with nature and produce better quality, including how to empower limited land," he said. He also hoped that this training can grow students' spirit to start cultivation and dive to the agricultural sector as one of a concrete step to answer emerging challenges in agricultural sector. This training invited Alfi Kamelia Amany (Student of Faculty of Environmental Health, University of Indonesia) and Habib Faddlurrohman Simabur (CEO of BSI Farm Bogor). Both of them explained about simple hydroponic cultivation technique that is suitable to be done by beginners and the very promising business opportunity of hydroponic cultivation.

## E-Summer Course 2021: Inclusive and Sustainable Agribusiness

The Agribusiness Department of FEM IPB held a Summer Course with the theme Inclusive and Sustainable Agribusiness on August 23 – September 7, 2021. This summer course activity was carried out online with a total of 50 students from four foreign countries, namely Bangladesh, the Philippines, Japan and England. This seventh summer course, which was conducted online, invited 13 speakers. There are two speakers from abroad, namely Prof. Edward Buckingham (Director of Engagement at Monash Business School, Monash University, Australia) and Hirotaka Matsuda, PhD (Tokyo University of Agriculture, Japan). In addition, there were nine resource persons from universities in Indonesia (IPB University, University of North Sumatra, Bandung Institute of Technology) and practitioners (Asian Agri, Apical, TaniHub, Crowde, Okiagaru Farm and RSPO).



# 4

## Public Lecture on Bamboo Industry to Indigenous People

Secretary of Doctoral Program of Natural Resource Management (PSL) - IPB University, Prof. Dr. Lina Karlinasari and doctoral students, Desy Ekawati (2020 Doctoral Dissertation Grant recipient) held a public lecture at the Bajawa College of Agricultural Sciences (STIPER), Flores entitled "Bamboo Management". The activity was carried out at STIPER with the Chairperson of STIPER Dr. Nico is an alumni of the PSL IPB Doctoral Program on November 24, 2021. In addition, the activity was carried out with the involvement of bamboo management training for indigenous peoples in Ngada, Bajawa. Coordinator of Cooperation for KANOPPI 2 Bamboo Agroforestry BSI-KLHK, Desy Ekawati in her material underlined that there are challenges, that people still think that bamboo has no value, the economic assumption of bamboo is not clear, and the processing system is not clear. The potential and utilization of bamboo must be optimized. Because bamboo has the advantages of being environmentally friendly, sustainable and flexible in the production process. In addition, bamboo is one of the alternative wood-based materials.



# 5

## Course on Social Entrepreneurship and Economic Development

The Faculty of Human Ecology (FEMA) as a faculty that focuses on the welfare of society, provides students with provisions to understand the economic situation in Indonesia. The Department of Family and Consumer Science (IKK) teaches lecture on local economics and social entrepreneurship to understand the local economic situation (local community), local economic concepts, the relationship between the local economy and community development, the emergence of social entrepreneurship, the concept of social entrepreneurship, five important components of social entrepreneurship, patterns of local economic development and social entrepreneurship.





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# Student Activities



# 6

## Rural Development Program

The rural development program is a form of education through direct learning experiences for students to be able to mingle in the community outside the campus. Students directly together with the community identify potentials, and deal with problems so that it is hoped that the potential of the village/region can be developed. The rural development program was attended by 17 students from the third and seventh semesters. The location for the implementation of the rural development program for three months (September-November 2021) is in Bubulak, Bogor Regency, where students collaborate with partners who are members of the Women Farmers Group (KWT) and the Asri Community Self-Help Group (KSM). The rural development program focuses on three main programs, including the production and marketing of smoked chicken and fish; drinks made from telang and roselle leaves; and production and marketing of compost made from community waste. The three programs have their respective achievements in each program. The achievements to be achieved in the village building program include advancing MSMEs in Bubulak Village and making maximum use of existing raw materials so that they become useful crops and have economic value.





## TANABE Foundation Scholarship



During the COVID-19 pandemic, many student families experienced problems with decreasing income. The Department of Forest Products, Faculty of Forestry and Environment, IPB in collaboration with the Japanese Tanabe Foundation, provided scholarships to 20 students of the Department of Forest Products. The scholarship is given for one year and is a living cost assistance scholarship for students from underprivileged families and those affected by the COVID-19 pandemic. This scholarship is expected to help facilitate student studies so that the educational process will run well and smoothly.



## Scholarship for Business School of IPB University

The Business School of IPB University holds a scholarship program for undergraduate students graduating from IPB who wish to continue their studies in the Master of Management and Business Study Program. This scholarship is intended for graduate students of all study programs at IPB who have just graduated 1 year. The process of implementing the scholarship program is carried out by selecting the best candidates and meeting the qualifications of the program requirements. This scholarship program is also part of the selection of the best students who will undergo the learning process at the Business School of IPB University, especially in the Master of Management and Business Study Program. The implementation of the scholarship program begins with registration ending on March 13, 2021. After that, the candidates will carry out a series of rigorous selection processes with third parties in the administrative process and interviews. From the results of the interview process, it will be determined whether the candidate will qualify for the scholarship or not, as well as the amount of the scholarship value that will be obtained later.

**SB-IPB**  
**Beasiswa**  
PROGRAM MAGISTER  
MANAJEMEN DAN BISNIS  
Peluang Beasiswa untuk Lulusan Sarjana dari IPB

Persyaratan:

1. Lulusan IPB IPK  $\geq$  3,5 batas umur maksimal 25 tahun
2. Melakukan pendaftaran ke <http://pendaftaran.admisi.ipb.ac.id/>
3. Belum mengikuti/diterima di program studi lain dan tidak sedang menerima beasiswa dari institusi/lembaga lain.
4. Mengisi form beasiswa di <http://ipb.link/beasiswasb-ipb2021>

Batas Akhir Pendaftaran  
**13 Maret 2021**

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**SB-IPB beasiswa**  
**Beasiswa Lulusan IPB**  
Sekolah Bisnis IPB membuka peluang beasiswa Program Magister Manajemen dan Bisnis bagi lulusan Sarjana IPB  
[ipb.link/beasiswasb-ipb2021](http://ipb.link/beasiswasb-ipb2021): 13 Maret 2021



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# Research, Innovation, and Bussiness



## Research on Pandemic Impact to Farmer Welfare in West Java Province

The supply of agricultural products was disrupted, especially horticultural products because of pandemic. This can cause the level of farmers' welfare to decrease. Therefore, it is necessary to identify the condition of the horticultural supply chain, especially in West Java. The research was conducted in 3 main centers of horticultural products in West Java, namely Pangalengan District, Bandung Patent District; Cikajang sub-district, Garut district head of patent; and Cipanas District, Cianjur. Restrictions on vegetable commodities are analyzed at each location in order to facilitate the supply chain analysis process. The vegetable products analyzed are the total annual production which is the largest commodity compared to other locations. Tomato commodity was selected in Bandung Patent Regency, while for Garut Regency, curly chili was chosen and Carrot was chosen for Cianjur Patent Regency. The biggest impact of Covid-19 experienced by farmers is price fluctuations. Vegetable prices fell because the supply of vegetables from farmers decreased relatively constant,



## Study on Development Impacts (Social and Economic) of Aircraft PKE Program and Africa South Asia and Middle East Region PKE Indonesia

Study on Development Impacts (Social and Economic) of Aircraft PKE Program and Africa South Asia and Middle East Region PKE Indonesia. Fasilitas pembiayaan melalui skema Penugasan Khusus Ekspor (PKE) yang diberikan LPEI kepada PT Wijaya Karya untuk pembangunan proyek apartemen di Aljazair memberikan dampak positif terhadap PDB Indonesia. Sementara nilai developmental impact dari adanya fasilitas pembiayaan Penugasan Khusus Ekspor (PKE) yang diberikan kepada PT Wijaya Karya berada dalam kisaran 7.2 kali hingga 16.4 kali dari nilai pembiayaan yang diberikan oleh LPEI. Secara umum, penyaluran pembiayaan untuk skema Penugasan Khusus Ekspor (PKE) ini mampu menurunkan tingkat kemiskinan nasional. Namun, dampak terhadap pendapatan yang diterima antar kelompok masyarakat cenderung lebih baik kepada kelompok masyarakat Kota yang menyebabkan terjadi kenaikan ketimpangan secara marjinal.

Period: 20 April – 20 June 2021

Place: Indonesia (Secondary Data)

Keywords: LPEI, PKE, NIA, WIKA, PT DI

News Link: [shorturl.at/jHMUZ](https://shorturl.at/jHMUZ)

## Study on the Development of Business Model of Micro Waqf Bank (BWM)

The study related to the development of the BWM business model was carried out during September - November 2021. The process of collecting and processing data was carried out online. Data was collected through focus group discussions (FGD) and in-depth interviews. The output in this study is expected to be input for stakeholders, especially regulators, so that they can formulate policies related to the sustainability of BWM. The sustainability of the BWM business model is expected to help the community, especially ultra and micro entrepreneurs around the pesantren, to be able to develop their businesses. In addition, the outputs in this study include two popular articles written in online media in order to introduce BWM to the public.



# 12

## Study on Agricultural Sector Sharia Financing Model



This study was conducted during August - November 2021. The process of collecting and processing data was carried out online. Data was collected through focus group discussions (FGD) and in-depth interviews. The outputs in this study are expected to be input for stakeholders, especially regulators, so that they can formulate policies related to sharia financing in the agricultural sector. The existence of a sharia financing model that is in accordance with the agricultural sector is expected to be an option that can develop the Indonesian agricultural sector



# 13

## Compensation Schemes for Communities Affected by Oil Spill

This study was carried out as one of the research activities in the collaboration between PPLH IPB University and PHE ONWJ. The legal basis for the compensation formula for the affected community's profession is the Minister of Environment Regulation No. 7 of 2014 concerning Environmental Losses Due to Pollution/Environmental Damage. The compensation value is the difference between pre-pollution and post-pollution income multiplied by the duration of the impact. The calculation formula that we apply can be used for all fishing activities in coastal areas, if there is pollution by an activity. The results of this study can provide an overview of the compensation process that is accountable and fair.





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# Campus Operation

## IKA FAPERTA SCHOLARSHIP 2021

The IKA FAPERTA Scholarship is a form of collaboration between ORMAWA Faperta and IKA Faperta in providing scholarship facilities for Faperta IPB students

### Timeline

24-29 December 2021 - Inventory of scholarship recipients

30-21 December 2021 - Confirmation to each department

1-3 January 2022 - Candidate interview and verification

January 4, 2022 - Scholarship recipients

5-7 January 2022 - Scholarship payments





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# Community Engagement

## Tali Kasih Hanter (Alumni Association of the Faculty of Animal Husbandry IPB University)

Delivery of Tali Kasih in the form of Hari Raya Gifts (BHR) from HANTER to all Education Personnel and Retirees, as well as Scholarship Assistance to students of the Faculty of Animal Science, IPB. This activity was held at the JHH Auditorium, Fapet IPB and aims to build solidarity among the IPB University extended families, especially at the Faculty of Animal Science.



## Improving Beef Cattle Breeding Skills in Rural of Bogor

IPB University's young lecturers carry out community service activities through the Serving Lecturer program. This time the Lecturer Serving Program is about improving beef cattle breeding skills at the Bogor Arriyadl Foundation, in Pangkal Jaya Village, Nanggung District, Bogor (20/10). The IPB team consisting of M Baihaqi, MSc, Edit Lesa Aditia MSc and Prof. Asep Gunawan who is a lecturer at the Department of Animal Production Science and Technology, and Dr Iwan Prihantoro from the Department of Nutrition Science and Feed Technology, Faculty of Animal Husbandry, IPB University.



# 17

## Livelihood System Improvement in Communities Around Way Kambas National Park

This program is a consortium program between the Center for Transdisciplinary and Sustainability Sciences (CTSS) IPB University and Yapeka which was carried out in the buffer village of Way Kambas National Park. Way Kambas National Park (TNWK) is an important area as a tropical rain forest and is recorded as a habitat for 50 species of mammals and other species of fauna and flora. On the other hand, there are 40 villages directly adjacent to TNWK. The main livelihoods of the people in the TNWK buffer zone are farmers or planters. While the main types of agricultural business are rice fields, dry land agriculture, and agriculture plantations, with the main commodities being rice, cassava, corn, cocoa and other crops such as bananas and coconuts. The presence of this program aims to improve the livelihoods of the people around TNWK as AHP specifically in the two main villages, namely Labuhan Ratu IX and Braja Harjosari. This program will help answer the challenges in TNWK by improving the livelihood systems of the communities around TNWK by adopting sustainable practices and at the same time reducing threats to biodiversity and its ecosystem.



# 18

## Guide to Sustainable Financing in Oil Palm Plantations

Collaborative activities were carried out by TuK Indonesia and the Center for Agrarian Studies in the form of preparing guidelines for implementing sustainable financing in oil palm plantations. Where this activity involves experts from the Center for Agrarian Studies in accordance with the main tasks and fields of activity and provides library support and data to support activities. The purpose of this first phase of cooperation is to complete the guidelines for implementing sustainable financing for oil palm plantations, which will be implemented within the period 1 to 31 August 2021. The guide with the title Standard for Implementation of Sustainable Financing in Oil Palm Plantations is prepared as a handbook in viewing and verifying the sustainability performance of customers or prospective customers from Financial Services Institutions (LJK). The sustainability performance assessed consists of four important aspects, namely (1) administrative compliance, (2) governance, (3) social, and (4) environment, natural resources, and biodiversity.





# 19

## Development of Agropreneurship in Improving Living Standards

This empowerment program starts from April to November 2021 PHP2D program "Development of Cassava Commodity Center-Based Agropreneurship in Improving the Living Standards of the Sukawening Village Community, Bogor." It is hoped that the PHP2D program will help spark the interest of Sukawening Village residents, such as cassava farmers, village governments, village youth, and housewives, in optimizing local potential in the form of cassava in terms of improving productivity and transforming cassava into various processed products with high selling value, which will be managed collaboratively by the local community of Sukawening Village through the village startup "Sing Wening Company."



## Empowerment of Wirajaya Village, Bogor: Palm Oil Sticks into a Creative and Commercial

PTPN VIII - oil palm plantations surround several villages in the Cigudeg area, where the village area has low economic income and is lagging behind. There are four villages in Bogor Regency that have the status of an underdeveloped village, one of which is Wirajaya Village, Jasinga District, around an oil palm plantation village (PEMKAB, 2019). Based on the Decree of the Director General of Village Community Development and Empowerment Number 303 of 2020, the village is classified as an underdeveloped village based on the status of the developing village index (IDM) 2020 with an IDM value of 0.5. The presence of the PTPN VIII oil palm plantation helps the villagers, so that the majority of local residents' livelihoods are as oil palm plantation workers and CPO oil processing workers. Meanwhile, the COVID-19 pandemic since 2020 has caused several youths to lose their jobs and school children graduating from elementary/junior high school did not continue their studies and local high school graduates did not get jobs. Based on these problems, it is necessary to have a community service effort by the IPB campus in improving the economy of the community around the PTPN VIII oil palm plantation village through processing the potential of natural resources (SDA) and human resources (HR) which have a strategic role in regional development, improving people's welfare. and poverty alleviation to support sustainable development goals. Real contribution with concrete efforts, as well as strategic ideas and realized in the form of community service through the utilization of palm oil biomass into a creative industry is an implementation process. The resulting products have added value, are competitive and innovative. The transfer of knowledge and technology through direct demonstrations and training to villagers is expected to have a large impact on the economy and the environment. This activity includes processing using simple and fast equipment, namely peeling sticks with cutters and pulling them out in < 1 second. Next is the drying and coating process on the surface of the stick as fumigation. Designs and methods for making creative palm oil stick products such as plates, fruit baskets, decorative lights, etc. are carried out with assistance and education to villagers. The final stage is learning concepts and market models in selling handicraft products produced through B2B, B2C, e-commerce so that sales targets can be achieved and the welfare of citizens increases. Product commercialization activities involve a third party, namely PT Interstisi Material Maju to sell handicrafts to a wider market segment and in situ PKMPM 2021.



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