

Department of Management  
Faculty of Economic and Management  
IPB University

**SUMMER  
COURSE**

**JULY, 2ND – 13TH 2023**

# **SUSTAINABLE AGRI-FOOD MANAGEMENT IN INDONESIA**

**THEME :**

**AGRI-FOOD SYSTEM TRANSFORMATION UNDER  
CLIMATE RISK IN EMERGING ECONOMY**

# ABOUT IPB UNIVERISTY



**IPB University, or the Institut Pertanian Bogor, was founded in 1963, as a state-run agriculture university with the aim of strengthening food security, promoting bioenergy, protecting the regional environment & alleviating poverty. It is the only state university with a focus on tropical agriculture & life sciences- & is world-renowned in this field.**

**Based in the city of Bogor, Indonesia, it is approximately 60km from the capital city of Jakarta. IPB University comprises five campuses: Baranangsiang, Dramaga, Gunung Gede, Cilibende & Taman Kencana. These are research centres, university farm, animal hospital, student dormitory & library.**

**It has a school of business, vocational school & nine faculties: agriculture, veterinary medicine, fishery and marine science, animal science, forestry, agriculture technology and engineering, mathematics and natural science, economics and management, and most recently, the faculty of human ecology.**



# ABOUT DEPARTMENT MANAGEMENT OF IPB UNIVERSITY



The establishment of the Department of Management at the Faculty of Economics and Management of IPB seeks to support the achievement of IPB's objective of becoming an international standard university which understands the consequences of economic globalization and is more sensitive to environmental needs by responding to challenges of developing science and technology and provide a more responsive education to the needs of the community.

Currently, the Management Department has four divisions that are authorized in scientific development namely the division of Marketing Management Division, Financial and Accounting Division, Production and Operations Division and Human Resources and Organizational Division. The Department of Management, along with the Bachelor of Management Program, also organizes the Major Postgraduate Program in Management Science.

# PROGRAM OVERVIEW



**Sustainable Agri-food Management in Indonesia (SAMI) 2023 is the seventh summer course hosted by the Department of Management Faculty of Economics and Management – IPB University Indonesia.**

**Knowledge and practical sharing would be delivered by notable speakers from local and international universities as well as academicians and professionals in the relevant areas. Participants would also be encouraged to explore and transfer ideas and thinking to get a better understanding of the topics, draw conclusions and solutions for the problems to be discussed.**

**SAMI Summer course which is designed as 10 days sustainable agri-food management course with input from IPB University experts in collaboration with international universities and multinational food companies and other industries. This course will be delivered in a multidisciplinary approach that incorporates agriculture, food, technology, business and management science in a harmonize and systematic manner. There are about 11 courses, 7 fieldtrips to company/organization, and competition in essay and poster.**

**This approach will serve participants to learn an integrated agri-food value chain from upstream to downstream under climate risk in the agricultural sector in terms of production, human resource management, financial management and also marketing issues especially in emerging country. This year's SAMI Summer course 2023 will be held with the theme of "Agrifood System Transformation Under Climate Risk in Emerging Economy" on July, 2nd–13th 2023 hybridly. This programme has 3 credit earnings.**





The programme include videos lecture, discussions, live, hybrid teaching sessions, assignments, fieldtrips, and essay contest (essay & poster competition).

We expect participants to dedicate 10 days of the programme and consist of:



1. Video Lecture



2. Hybrid webinars and case study



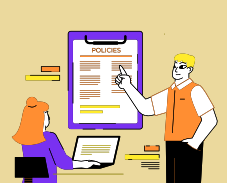
3. Assignments



4. Q&A Sessions and Discussions



5. Fieldtrips



6. Essay Contest

# Objective & Learning Experience

After completing this course, participants are expected to :

**1**

**Able to understand and explain sustainable agrifood management concepts and applications, and how to build resilience of agrifood systems through innovation and digital technology**

**2**

**Able to identify the potential and challenges of agrifood systems in Indonesia through the cases presented**

**3**

**Able to communicate ideas on applying sustainable agrifood management practice in the implementation of innovation and digital technology**

**4**

**Able to think critically and creatively in solving problems in the agrifood systems**

**5**

**Able to think critically and creatively in solving problems in the agrifood systems**



## Learning Outcomes

No	Activity	Learning Outcomes					number of session	Learning hours/session (minutes)	total learning hour (minutes)
		LO 1	LO 2	LO 3	LO 4	LO 5			
<b>A</b>	<b>Topic</b>								
1	Food Economic	●	○		○		2	170	340
2	Climate Change Resilience	○	●		○		2	170	340
3	How Climate Risk in Emerging Economy Accelerated and Redesign the Future of Food	○	●		○		2	170	340
4	Halal Food Transformation System in Emerging Economy		●	○	○		2	170	340
5	Field trip to The Center for Interantional Forestry Research (CIFOR) : Agroforestry for Climate Change Mitigation and Food Security	○	○	●	○		2	170	340
6	Adapting to Climate Risks in Smallholder Agriculture: Innovations and Strategies for Resilience	○	●	●	○		2	170	340
7	Sustainability Marketing: The past, present, and future	○	●		○		2	170	340
8	Exploring Green Tourism as a Climate Change Adaptation	○	●		○		2	170	340
9	Future of Central Banking: The Role of Green Central Banking in Climate-Change Mitigation, Adaptation and Resilience)	○	●		○		2	170	340
10	Fieldtrip to Edufarmers : An Outdoor Learning Experience at Edufarmers	○	○	●	○		2	170	340
11	Fieldtrip to Octopus: Getting to Know Octopus.co.id - An Exciting Field Trip Experience	○	●	●	○		2	170	340
12	Fieldtrip to FAO : Resilient Food Systems in a Changing Climate	●	●	○	○		2	170	340
13	Fieldtrip to BRI : Financing Sustainable Agriculture for Food Security and Climate Change Mitigation	○	●	○	○		2	170	340
14	Fieldtrip to Cimory: Strategies and Best Practices	●	●	○	○		2	170	340

## Learning Outcomes

No	Activity	Learning Outcomes					number of session	Learning hours/session (minutes)	total learning hour (minutes)
		LO 1	LO 2	LO 3	LO 4	LO 5			
15	Fieldtrip to Agrowisata Gunung Mas Kebun Teh Walini : From Idea to Market	○	●	○	○		2	170	340
16	Developing Financial Risk Frame Work related Climate Change in Agrifood Systems Transformation	○	●		●		2	170	340
17	Food Security : Challenges and Strategies under Climate Risk in Emerging Economy	●	○		○		2	170	340
18	The Role of Gender in Agrifood System Transformation under Climate Risk	●	●		○		2	170	340
<b>B</b>	<b>Pre-Event Essay (Theme: Sustainability and</b>	●	○	●	○		<b>16</b>	<b>60</b>	<b>960</b>
<b>C</b>	<b>Project Assignment</b>	●	○	●	●	●	<b>8</b>	<b>60</b>	<b>480</b>
<b>D</b>	<b>Presentation Session</b>			●		●	<b>2</b>	<b>60</b>	<b>120</b>
<b>E</b>	<b>Interactive Review Sessions</b>	○	○	○	○	○	<b>20</b>	<b>45</b>	<b>900</b>
<b>F</b>	<b>Opening, Closing Session (Introductory and</b>			○	●	●	<b>3</b>	<b>60</b>	<b>180</b>
<b>Total Learning Time</b>							<b>8760</b>	<b>minutes</b>	
							<b>146</b>	<b>hours</b>	
<b>equivalent to</b>							<b>3,22058824</b>	<b>SKS</b>	
							<b>~3</b>	<b>SKS</b>	
<b>(2.720 menit Learningn Hours setara dengan 1SKS)</b>									

**\*Notes**

- Fully achieved
- Partly achieved



# Certificate

Upon successful completion of the program, participants will be awarded a digital certificate of completion and credit-earning transcript which equals 3 credits by Department of Management, Faculty of Economics and Management, IPB University



# SAMI Timeline





## Agenda

Date	Time	Schedule	Speaker/PIC
Day 1 Sunday, July 2nd 2023		Participants Arrival Welcoming Ceremony	Committee
Day 2 Monday, July 3rd 2023	09.00AM to 11.00 AM	Opening Ceremony Keynote Speaker	Committee Dr. H. Mochamad Ridwan Kamil, S.T., M.U.D., Governor of West Java Indonesia*
	01.30 PM to 03.30 PM	Food Economic	Prof. Mukhamad Najib, Education and Culture Attaché of the Indonesian Embassy in Canberra, Australia
	Free Time	Group /Individual Activity	Committee
Day 3 Tuesday, July 4th 2023	09.00 AM to 10.30 AM	Climate Change Resilience	Sparkassen Representative
	11.00 AM - 12.00 AM	Tour the Campus - Museum of IPB University	Committee
	01.00 PM to 02.30 PM	How Climate Risk in Emerging Economy Accelerated and Redesign the Future of Food	Prof. Dr. Hermann Waibel - University of Hannover Germany
	03.00 PM to 04.30 PM	Halal Food Transformation System in Emerging Economy	Dr. Noviyan Darmawan, IPB University
Day 4 Wednesday, July 5th 2023	09.00 AM to 11.30 AM	Field trip to The Center for International Forestry Research (CIFOR) : Agroforestry for Climate Change Mitigation and Food Security	Center for International Forestry Research (CIFOR)
	01.30 PM to 03.30 PM	Adapting to Climate Risks in Smallholder Agriculture: Innovations and Strategies for Resilience	Assoc Prof. Ammar Abdul Aziz, The University of Queensland, Australia
	Free Time	Group /Individual Activity	Committee

\*in confirmation

## Agenda

Date	Time	Schedule	Speaker/PIC
Day 5 Thursday, July 6th 2023	09.00 AM to 11.30 AM	Sustainability Marketing: The past, present, and future	Associate Professor Victoria-Sophie Osburg, Montpellier Business School
	01.00 PM to 02.30 PM	Exploring Green Tourism as a Climate Change Adaptation	Associate Professor Dr. Rob Hales, Griffith University, Queensland, Australia
	03.00 PM to 04.30 PM	The Role Green Central Banking in Climate-change Mitigation, Adaptation and Resilience	Dr Renatas Kizys, Associate Professor in Finance & Deputy Head (Research), Banking & Finance, Southampton Business School - University of Southampton
Day 6 Friday, July 7th 2023	09.00 AM to 11.30 AM	Field trip : An Outdoor Learning Experience at Edufarmers	Edufarmers
	01.30 PM to 03.30 PM	Fieldtrip : Getting to Know Octopus.co.id - An Exciting Field Trip Experience	Octopus
Day 7 Monday, July 10th 2023	09.00 AM to 11.30 AM	Field trip to FAO : Resilient Food Systems in a Changing Climate	FAO Representative in Indonesia
	01.30 PM to 03.30 PM	Field trip to BRI : Financing Sustainable Agriculture for Food Security and Climate Change Mitigation	BRI
	Free Time	Group /Individual Activity	Committee

\*in confirmation

## Agenda

Date	Time	Schedule	Speaker/PIC
Day 8 Tuesday, July 11th 2023	09.00 AM to 11.30 AM	Cimory: Strategies and Best Practices	Cimory Bogor
	01.30 PM to 03.30 PM	Field trip to Agrowisata Gunung Mas Kebun Teh Walini : From Idea to Market	Agrowisata Gunung Mas Kebun Teh Walini
	Free Time	Group /Individual Activity	Committee
Day 9 Wednesday, July 12th 2023	09.00 AM to 11.30 AM	Developing Financial Risk Frame Work related Climate Change in Agrifood Systems Transformation	Dr. Edi Setijawan, Director of The Financial Services Authority (OJK)
	01.00 PM to 02.30 PM	Food Security : Challenges and Strategies under Climate Risk in Emerging Economy	Dr. Eko Hari Purnomo, IPB University
	03.00 PM to 04.30 PM	The Role of Gender in Agrifood System Transformation under Climate Risk	Associate Professor Jennifer Loh, University of Canberra*
Day 10 Thursday, July 13th 2023	08.00 AM to 11.30 AM	Essay Contest	Committee
	04.00 PM to 05.30 PM	Closing Ceremony	Committee

\*in confirmation



## Category of Participant

Participant	Fee	Benefit
International Offline	Early Bird: \$300 Regular: \$350	<ol style="list-style-type: none"> <li>1. Access to all events (all competitions, etc)</li> <li>2. Accommodation and Consumptions for 10 days will be provided. Excluded any additional consumptions on participants demand.</li> <li>3. Air Ticket will be managed/ charged to by participant</li> <li>4. Transportation from and to Airport will be managed by committee in the certain date as of managed by committee</li> <li>5. Certificate and Study Credits</li> </ol>
International Online	Regular: \$75	<ol style="list-style-type: none"> <li>1. Access to all events (all competitions, etc)</li> <li>2. Certificate and Study Credits</li> </ol>
Domestic Offline	Early Bird: IDR 350K Regular: IDR 500K	<ol style="list-style-type: none"> <li>1. Access to all events (all competitions, etc)</li> <li>2. Accommodation is optional and will be charge to participant (estimated cost is IDR 300K/day, included breakfast)</li> <li>3. Air Ticket will be managed/ charged to by participant</li> <li>4. Transportation from and to Airport will be managed by committee in the certain date as of managed by committee</li> <li>5. Certificate and Study Credits</li> </ol>
Domestic Online	Regular: DR 200K	<ol style="list-style-type: none"> <li>1. Access to all events (all competitions, etc)</li> <li>2. Certificate and Study Credits</li> </ol>

# Course Fee\*

**Offline International  
Early Bird\*\*  
300 USD**

**Offline International  
Regular\*\*  
350 USD**

**Online International  
75 USD**

**Offline Domestic  
Early Bird\*\*\*  
IDR 350k**

**Offline Domestic  
Regular\*\*\*  
IDR 500k**

**Online Domestic  
IDR 200k**

**\*10 Scholarships by uploading Essays (will be selected), Motivation Letter, & Curriculum Vitae upon online registration**

**\*\*Including whole accomodation**

**\*\*\*Excluding accomodation**

# Payment Method\*

<b>Bank Name</b>	<b>Bank BNI 46 Cabang Dramaga Bogor Indonesia</b>
<b>Address</b>	<b>Jl Raya Bogor - Jasinga Dramaga, Bogor Indonesia</b>
<b>Account Name</b>	<b>Rektor Institut Pertanian Bogor CQ KS FEM-IPB</b>
<b>Number</b>	<b>3898512</b>
<b>Account Currency</b>	<b>Rupiah</b>
<b>Swift Bank Code</b>	<b>BNINIDJAXXX</b>

**\*10 Scholarships by uploading Essays (will be selected), Motivation Letter, & Curriculum Vitae upon online registration**

**\*\*Including whole accomodation**

**\*\*\*Excluding accomodation**



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## Be Prepared

### Before the Virtual SAMI Essay Contest Starts

Guideline for our webinar/meeting tips for attendees and test Zoom prior to the day of the webinar.

#### During the Competition : Tips for Attendees

- **Accessing the presentation slides**

One day before the webinar, you will receive an email with the presentation slides and some reminders. Please check your junk mail folder if you do not see an email in your inbox. If you have trouble accessing the slides, contact us before the webinar begins.

- **Sound and visuals**

Our webinar begin promptly and Live at 9 AM and 5 PM Jakarta time (Jakarta, UTC + 7:00). Please make the proper time zone conversation to determine the start time in your city via <https://datetime360.com/est-jakarta-time/>.

- **Audio issues and closed captions**

If you have audio issues, please check your Zoom audio settings and your computer speakers. If you experience audio difficulties or would like to view supplementary text, you can display closed captions, please check <https://support.zoom.us/hc/en-us/articles/4409683389709-Enabling-or-disabling-closed-captioning>

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- **Finding the Q&A box**

The Q&A box can be opened through your Zoom menu. This is how you will submit content-related questions for the presenter.

1. You can ask questions to SAMI Resource person via chat box if you are in online class. Begin your text with "[ASK]" to indicate it as question to the presenter. Send it to facilitator/Moderator (or everyone in the room if you prefer to do so) or you can ask directly in the offline class.
2. You can ask directly to the Speaker/Resource person in live QnA Session by permission to the facilitator/Moderator
3. The Facilitator/Moderator will try to cover as many questions as possible depending on the allotted time. In case, some of the questions have not been answered attendees may want to discuss with the Speakers(s) off-line.

- **Rules for The Meeting Session**

1. Your microphone will be muted during the meeting session/webinar or keep silent in the offline c
2. At the end of the Speaker/Resources person presentation, the host will ask you to share your webcam
3. You can use your country flags as your virtual background at the first day of SAMI Session meeting, and during the course you can use SAMI Virtual Background (please check your email)
4. You are encouraged to keep an eye during the Webinar/meeting session and Q&A Session

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## Testing Zoom and Joining a Virtual Essay Competition

- Join a test Zoom session from your device prior to the day of the webinar through <https://zoom.us/test> or prepare your group in class
- Read these instructions on how to join a webinar as an attendee through : **[ipb.link/essay-competition](https://ipb.link/essay-competition)**
- Please join the webinar/meeting room 5-10 minutes early to minimize last minute issues
- Ensure that your device meets the system requirements for running Zoom, PC, Mac, and Linux, iOS and Android.

## Virtual Essay Competition Session Recordings

- For applicable webinars, a recording of the webinar presentation will be available on : [ipb.link/recording-essay-competition](https://ipb.link/recording-essay-competition)

## Receiving Awards and Certificate of Completion

**In order to receive SAMI Awards all attendees must :**

1. Attend the competition session in Zoom using unique link from registration email
2. Attend for the full scheduled of competition
3. Successfully complete the Working Group (Essay) and the presentation
4. Completing the SAMI evaluation feedback

**All the invited participants will earn SAMI Certificate of Completion upon the successful completion of the webinar and evaluation**



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## What to expect :

- **Photography/videography**

we will be capturing footage and images so you can see how wonderful you look once the course is over, so please always have your camera on during the course

- **Contest and competitions**

Expect hidden treasures and prizes for the best team/snaps

- **International community**

Participants from all cultures, backgrounds and languages will join us in this SAMI summer course. Embrace the highly international group. Relax and learn with participants from around the world

- **Student help**

Friendly pastoral staff members await your virtual arrival! Many of whom are current or former IPB University participants. They're open to chat, help and answer your questions

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One more thing to remind, get social! Tell your friends where you are and what you're doing on social media leading up to arrival and during your time with us. You can find us on Instagram

**<https://instagram.com/samiipb>**

We cannot hardly wait to welcome you on to our Virtual SAMI Essay competition this July. We truly believe an academic course is the best setting for a great capstone, just ensure you are well equipped for the academic adventure.

**See you there!**

**Warm regards,**

**SAMI Summer Course 2023 Program Advisor**



## SAMI ESSAY CONTEST 2023

*Agrifood System Transformation Under  
Climate Risk in Emerging Economy*



### AWARDS

#### Essay Competition

- 1st IDR 2.500.000 + certificate
- 2nd IDR 1.500.000 + certificate
- 3rd IDR 1.000.000 + certificate

#### Poster Competition

- 1st IDR 1.250.000 + certificate
- 2nd IDR 1.000.000 + certificate
- 3rd IDR 750.000 + certificate

Contact Person:  
Mrs. Nurul Hidayati  
(+6285-7365-9149)



### GUIDELINES

1. Essay may be submitted by everyone who will join SAMI Summer Course 2023
2. Essay must be 1.000 words or less in English, excluding cover page and essay title
3. Essay must be typed in Ms. Word
4. Entires may be submitted by online at [ipb.link/essay-sami-2023](https://ipb.link/essay-sami-2023)
5. Essay must be original an unpublished. Plagiarized entires will be rejected
6. Copyright of the essay entered will be assigned to the organizer

**IMPORTANT:** To send your essay online, you must go to the online registration page and follow the requested steps at <https://ipb.link/essay-sami-2023>



[sami@apps.ipb.ac.id](mailto:sami@apps.ipb.ac.id)



[sami.ipb.ac.id](https://sami.ipb.ac.id)



[samiipb](https://www.instagram.com/samiipb)



+622518626435

# Guidelines

## SAMI ESSAY CONTEST 2023

The SAMI Student Essay Competition is the 5th annual contest held to recognize promising idea and solution related to sustainability in agri-food management research. This competition is open to all student attending at SAMI Summer Course 2023. At the judges dicretion, a maximum of three winning essays will receive special award.

### TOPIC :

**Agri-Food System Transformation Under Climate  
Risk in Emerging Economy**

### PROBLEM FOCUS

1. Sustainable agri-food supply chain management
2. Quality management in food chains
3. Green marketing and consumer behavior
4. Digital and technology innovation/added value in management issues
5. Traceability of agri-food product
6. Value chain development
7. Financing issues in agri-food sector
8. Opportunities and innovation in the agro-food sector
9. Knowledge management and dynamic capabilities in the agri-food systems
10. Human resource and management challenges in agri-food sector
11. Blokchain technology in the agri-food systems
12. Inclusion of smallholder farmers and collaboration system



# Essay Guidelines

1. Please describe the central problem, the situation in which the problem is embedded and your own role in addressing the problem.
2. Incorporate five most important and/or influential (groups of) stakeholders in the context of the problem.
3. Please give a short description of their respective roles and then use your experience as inspiration in writing your essay.
4. As a special edition, this year's contest involves action in addition to writing, so that participating in the contest directly contributes to creating a better world.
5. Please note, however, that only the essay itself will be considered in the selection process.
6. Essays may be submitted by anyone who will join SAMI 2023.
7. Essays must be 1000 words or less in English excluding essay title and cover page.
8. Essays must be typed in MS word format.
9. Entries may be submitted by online at <https://ipb.link/gform-registration-sami-2023>
10. Essays must be original and unpublished.
11. Plagiarized entries will be rejected.
12. Copyright of the essays entered will be assigned to the organizer.

# Poster Guidelines

1. The poster should be written in English
2. The poster consist of a single page in portrait mode, 120cm (width) x 80cm (height), with minimum resolution of 300 dpi.
3. The poster should be include:
  - Title
  - SAMI & IPB University logo on the top right-hand side you can access through <https://ipb.link/logo-sami-ipb>
  - Names of author(s) and affiliated organization(s)
  - Abstract (brief summary of objectives, methods results, and conclusions)
  - Background Information
  - Objectives
  - Materials and Methods
  - Results (tables,graphscharts)
  - Conclusions
  - References Any form of plagiarism, cheating copyright infringement, etc, and any violation of the rules listed will result in disqualification of the participant.
4. The contents should be easily readable on your computer screen, full-screen mode.
5. Use figures and visual points to emphasize the prioritized mattersAvoid text-heavy layout.
6. Pay attention to the unity of figure, color, background, and contrast of the layout design
7. The format of the poster should be in a PDF format with filename : Name of Group\_Poster Title

# Sample of Essay

## Regional Food Hubs For A More Sustainable and Resilient Agri-Food Industry

**Moreno Verli Widjanarko**

IPB University, Indonesia

E-mail : moreno.vrll@gmail.com

Currently, the agri-food industry has to adjust and tweak some of its systems to accommodate the impact of the COVID-19 pandemic. Although the quantity production of agri-food stayed relatively constant, the logistics and demand of the agri-food industry were disrupted during the pandemic (Gunawan *et al.* 2020). This problem happened because of the shorter work hours in both public and private agencies that the government implemented to minimize the transmission of the virus (Perdana *et al.* 2020).

Meanwhile, agri-food products are perishable and require extensive logistics care (Perdana *et al.* 2020). A longer supply chain process means more food can rot before reaching customers, and prices rise significantly. Higher prices and lower incomes will reduce the quality of food for consumers and the quantity of demand for the farmers. (The World Bank 2021). This condition also has implications for the availability of food for customers and the financial success of farmers. During the pandemic, farmers experience a higher level of losses because of the longer supply chain.

To face these problems, the agri-food industry in Indonesia needs a system that can control the price and improve the effectiveness of supply and chain (Rozaki 2020). With Regional Food Hubs (RFHs), the agri-food

# Sample of Essay

industry can be more sustainable. In general, RFHs manage products from local farmers from the collection process until they reach customers. In the process, RFHs work by connecting with local communities, selling to broader markets outside the region, sharing information among value chain partners, establishing standards of operation and products, negotiating prices, and many more (Winarno *et al.* 2020a).

The difference between RFHs and other enterprises is that RFHs focus not on profit. RFHs focus more on meeting the supply and demand of agri-food products to avoid rising prices of agri-food commodities and provide stability for both customers and farmers (Perdana *et al.* 2020). RFHs create a system so that the supply from farmers matches the demands of customers. They do this by analyzing the regional market's buying patterns and negotiating prices.

In the center of the system, Regionally Owned Enterprises (BUMD) work together with local farmers (Winarno *et al.* 2020b). BUMD is responsible for purchasing products from farmers and analyzing the market demand and balancing the two. During the pandemic, RFHs can also work to set up a standard so that the products can sustain the longer process of the supply chain during the pandemic (Perdana *et al.* 2020). Some of the measures that they can put into practice are improving warehouse quality, ensuring cold-chain availability, implementing the first-in-first-out system, and even adding an online management system to improve the accuracy of management. Local farmers, in return, work together with BUMD to establish and follow farming plans according to the analysis done by BUMD (Winarno *et al.* 2020b) and follow the established standards from BUMD.

BUMD also manages to sell the products in a variety of places including people's markets, modern markets, restaurants, hotels, catering companies, the processing industry, and many more (Winarno *et al.* 2020b). BUMD can also work with nearby production areas to supply their hubs. With access to a broader market, farmers will benefit from



# Sample of Essay

the sales. Through food hubs, agri-food logistics can be improved so that food suppliers from both urban and rural areas can be better connected (Perdana dan Hermiatin 2019).

So far, the development of Regional Food Hubs in Indonesia is still in its early stages. However, the urgency to build a more sustainable agri-food industry during the pandemic has propelled the support for Regional Food Hubs to increase significantly. In August 2020, the Ministry of Transportation expressed the need to improve the sea, air, and land transportation modes to help improve the effectiveness of RFHs, especially in remote areas such as the Kalimantan island (Biro Komunikasi dan Informasi Publik 2020). This action was a form of response from the government after the World Health Organization warned of the possibility of experiencing a food crisis during the pandemic. The Ministry of Agriculture also planned for Functions of the Agricultural Development Strategic Command (KostraTani) to develop RFHs (Praghotsa 2021).

There is an urgency in building a sustainable industry against the COVID-19 pandemic. In the case of Indonesia, the agriculture sector still holds the highest number of employment (Lukman 2021). The establishment of effective RFHs should be accelerated. Because of that, the establishment of RFHs should not depend only on the government's plan.

To acquire more funds, RFHs can appeal to philanthropic and private institutions. Funds can provide broad benefits for many actors such as broadening the RFHs' scope, creating more environmentally sustainable forms of production, improving digital literacy for farmers, and many more. Because of the all-encompassing nature of RFH, when sending for an appeal, RFHs need to choose the specific goals that they want to accomplish from the funds (Barham *et al.* 2012). RFHs can also appeal by bringing the urgency to improve RFHs as a means to respond to the impending crisis during this pandemic.



# Sample of Essay

During the pandemic, everyone struggles. However, as an agrarian country, Indonesia should give a special focus on the industry that is responsible for maintaining food security, and providing jobs for a significant portion of its people. With RFS, all the crucial links for creating a resilient and sustainable agri-food industry can meet, and work together to prevent food insecurity while maintaining the welfare of farmers.

## REFERENCES

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# Rubric for SAMI Essay Contest

<b>NO</b>	<b>Point of Consideration</b>	<b>Weight</b>
<b>1</b>	<b>Prombel Solving</b>	<b>20%</b>
<b>2</b>	<b>Imagination and Originality of Thought/Idea</b>	<b>20%</b>
<b>3</b>	<b>Quality of Writing</b>	<b>20%</b>
<b>4</b>	<b>Impact of Research on The Field</b>	<b>30%</b>
<b>5</b>	<b>Ability to Draw Reasoned Conclusion from a Body of Knowledge</b>	<b>10%</b>
<b>Total</b>		<b>100%</b>

## Analythic Grade

**A :  $\geq 80$**

**AB : 75 - 79**

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**BC : 65 - 69**

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**BC : 65 - 69**

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