

ACTIVITY REPORT

NATIONAL YOUTH IDEATHON

“Better Management of food Loss and Waste to Support Green and Circular Economy”



Collaborator:



Archipelagic
& Island States
Forum



MWA
MWA Training and Consulting



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A. BACKGROUND

UNDP Indonesia through the UN-PAGE (*United Nations Partnership for Action on Green Economy*) and the *Circular Economy* Project in close collaboration with the Directorate of Environmental affairs -Bappenas has organized **IDEATHON** activities in the form of a national competition in the field of Green and Circular Economy, specifically on the issue of *sustainable food systems* with the sub-theme of “*Food Loss and Waste*”. This national competition is aimed at the general category (individual or team participants) with an age range of 18 to 35 years. Participants involved in this competition are expected to develop ideas and business plan simulations (participants are only expected to create and develop business plans - not to be implemented directly after the competition). All ideas and business plans submitted by participants will become the property of UNDP Indonesia through the UN- PAGE and CE projects.

This competition will be a forum for the public especially the younger generation throughout Indonesia to be able to express their thoughts, creativity, and interest in order to contribute ideas and solutions related to sustainable food systems, especially regarding the sub-themes of *food loss* and *waste*. These new ideas are expected to help create potential economic activities in the community that can be followed up both in *urban* and *rural* environments, including coastal areas according to existing conditions.

B. PURPOSE

IDEATHON activities aim to:

1. Gain new ideas and insights as well as *out-of-the-box* ideas and potential solutions to help address *food loss and waste* issues in Indonesia.
2. Providing opportunities for creativity and innovation to Indonesian, especially the younger generation, to develop solution ideas along with business plans in order to contribute to address various issues of food loss and food waste in Indonesia with the principles of green and circular economy.

C. OUTPUT

Ideas in the form of business model simulations of *food loss* and waste management in Indonesia, both in *urban* and rural contexts, including coastal areas.

D. TARGETED PARTICIPANTS

The target audience is the public with an age range of 18 to 35 years old and is divided into two categories, namely:

- 1) Individual category
- 2) Team category (a team of maximum 5 people and must consist of both male and female participants)
- 3) Participants with disabilities are encouraged to enter the competition.

E. COVERAGE

Each idea/work covers 1 (one) sector, 1 (one) idea topic, 1 (one) development area and 1 (one) supply chain below:

Sector	Topic Ideas	Development Area (Development Context)	Supply Chain
1. Agriculture 2. Marine and fisheries	<ol style="list-style-type: none"> 1. Building a circular food system that minimizes waste. 2. Building food systems that reduce greenhouse gas emissions. 3. Building a food system that promotes food security. 4. Building food systems that support biodiversity. 5. Build food systems that promote health and well-being, and support livelihoods and fair economy 	<ol style="list-style-type: none"> 1. Urban areas 2. Rural and coastal areas 	<ol style="list-style-type: none"> 1. Production 2. Post-harvest and storage 3. Processing and packaging 4. Distribution and marketing (including retail) 5. Consumption

F. ACTIVITY TIMELINE

The **IDEATHONS** activity *timeline* is detailed as follows:

- | | |
|---|------------------------------------|
| 1) Registration opening | : 5 June 2023 |
| 2) <i>Technical meeting and info session (online)</i> | : 15 June 2023 |
| 3) Closing of registration | : 17 July 2023 |
| 4) Announcement of the top 15 | : 25 August 2023 |
| 5) <i>Coaching session (online)</i> | : 4-13 September 2023 |
| 6) Final presentation and winner announcement | : 3 October 2023 (<i>Hybrid</i>) |

G. ACTIVITY STAGES

1. Registration Opening

To coincide with the celebration of World Environment Day in 2023, the Ministry of National Development Planning/Bappenas through the Directorate of Environmental affairs together with the low carbon development initiative (LCDI) secretariat and the UNPAGE Project have organized an **IDEATHON** competition themed “*Better Management of Food Loss and Waste to Support Green and Circular Economy*”. Through this competition, participants are expected to express their thoughts, creativity, and interest as the next generation of the nation into ideas and solutions for issues related to sustainable food systems, especially related to *food loss and waste*.

General provisions in this competition include:

- 1) Proposals are written in Bahasa Indonesia
- 2) Participants are expected to be able to compile a *list of ideas / ideas* and simulate a *business plan (business plan)*
- 3) Participants are only expected to create and draft a business plan (not to be implemented directly after the competition).
- 4) All ideas and business plans submitted will become the property of UNDP Indonesia.

The total number of participants who registered for this competition was 897 individuals with 289 proposals received, consisting of 210 group proposals and 79 individual proposals. Participants represented 33 provinces out of a total of 38 provinces in Indonesia. The participants have registered and completed the competition requirements by attaching:

- 1) Identity card (KTP);
- 2) A statement of the originality of the idea; and
- 3) Business idea proposal

Participants came from within and outside the country, namely from 36 universities in Indonesia and several universities from the United States, United Kingdom, Australia, New Zealand, Egypt, China, and Taiwan. The gender distribution of participants consisted of 53% women and 47% men.

2. Administrative Screening

Proposals that have been submitted are then *screened in accordance* with the general provisions of the competition and administrative completeness. Proposals are then assessed based on the suitability of the theme and the predetermined assessment criteria.

3. Proposal Screening

The IDEATHON competition attracted more than 200 promising business idea proposals. This is inseparable from the role of the judges who are professionals in their fields. At the proposal *screening* stage, there were 6 judges in the field of agriculture and three judges in the marine field.

1) Agriculture

a. Dian Yuanita Wulandari

Dian is an agribusiness professional with focussed skills and experience in food system management, integrated agriculture, and sustainable agricultural development. She currently serves as a *Food Loos and Waste (FLW) Consultant* at Bappenas.

b. Diah Ratna Pratiwi

Diah is a development expert and currently serves as the National Coordinator at UN-PAGE. Diah has more than 12 years of working experience in sustainable development and *green economy* as well as international relations. Diah also has work experience in several institutions, namely international organizations, universities, NGOs, and *think tanks*.

c. Marina Noor Prathivi

Marina is actively involved in activities that focus on food and nutrition, especially on the policy aspects of food security, as well as community empowerment on local food, balanced nutrition, and others. Marina is currently the Programme Director at CV MWA and the *founder of Eatright and Lokalloka*. Marina is also heavily involved in sustainable food practices and promotion of balanced nutrition and healthy living.

d. Annisa Ratna Putri

Annisa is a waste management consultant with experience as a *team leader in Indonesia's Food Loss and Waste (FLW) Baseline study* by identifying the last 20 years of generation along with future impacts and projections. She currently works at Waste4Change as the *Head of Consulting Business*.

e. Andre Prasetyo

Andre is an environmental expert in NGOs with more than 6 years of work experience and more than 5 years of organisational experience. He currently works as a *Programme Manager* at GoTo Impact Foundation which initiated the *Catalyst Changemaker Ecosystem*.

f. Wilaga Azman Kharis

Wilaga is the CEO of CV MWA and holds a Master's degree in Local Government Management from IPB with expertise in food security and nutrition.

2) Marine Field

a. Dwi Ariyoga Gautama

Dwi is the *Project Manager of the ATSEA-2 Project*. He has more than 13 years of experience and collaborates with coastal communities to address the sustainability of aquatic ecosystems and marine resources. Dwi's activities include raising public awareness of marine species, protection and good practice in fisheries products.

b. Marsella Winata

Marsella holds a Bachelor's degree in International Relations from BINUS University. Marsella is currently working in management at AIS (Archipelagic and Island States) Forum Blue Startup Hub.

c. Andi Syahputra

Andi has an educational background in environmental science with expertise in natural resource management. Andi has experience in *sustainability*, disaster management, climate, urban planning, geospatial, conservation, and community empowerment through projects in collaboration with the government, NGOs, and other institutions.

The terms of assessment at the proposal *screening* are as follows:

1) Ideas (45%)

- Accuracy of problem identification (15%)

1= the problem presented is in accordance with the topic of *food loss and waste* in the selected sector

2= problems are presented objectively and systematically in accordance with the topic of *food loss and waste* in the selected sector

3= problems are presented objectively and systematically in accordance with the topic of *food loss and waste* in the selected sector supported by reliable data / information

4= the problem is presented objectively and systematically according to the topic of *food loss and waste* in the selected sector supported by reliable data/information and scientific literature review.

- Creativity (20%)

1=the participant's idea is a creative and innovative solution to solve the problem

2= the participant's idea is a creative, innovative, and inclusive solution to solve the problem

3= the participant's idea is a creative, innovative, inclusive solution, and has sustainable benefits

- Originality (10%)

1=idea and business plan is own idea and not plagiarised

2=The idea and business plan are your own, not plagiarised, and have never been published.

2) Business plan (55%)

- Product description (goods/services) (15%)
 - 1=there is a clear description of the product type, features, and production process
 - 2=there is a clear description of the product type, features, and production process as well as the value and advantages of the product.
 - Economic feasibility (15%)
 - 1=the business plan can generate profits/profits
 - 2= the business plan developed can generate profit/profit and has the potential for business scale development
 - 3= the business plan can generate profit/profit, can be developed on a business scale and can be run in the long term.
 - Social and gender appropriateness (10%)
 - 1=ideas and business plans submitted by participants accommodate gender equality issues
 - 2=The ideas and business plans presented are applicable and provide positive benefits for women and men.
 - 3=ideas and business plans submitted by participants are expected to be in line and harmonious with social institutions, communities and customs prevailing in the local area/region.
 - Environmental feasibility (15%)
 - 1=ideas presented by participants have the potential to minimise waste
 - 2=ideas presented by participants have the potential to reduce greenhouse gas emissions
 - 3=ideas presented by participants can balance profit/profit with natural sustainability
- From the results of the assessment that has been carried out by judges who are experts in their fields, 25 proposals were selected with a score of more than 90. Appendix 1 shows the shortlisted proposals at the proposal *screening* stage.

4. **Coaching Session**

The *coaching* session was an advanced stage of the proposal assessment results. There were 25 ideas from both group and individual categories that received *coaching* from professional *coaches*. Finalist participants who entered this stage received 2 to 3 *coaching* sessions. The following are the profiles of the *coaches* who assisted the 25 final participants.

1) Dr Tjahja Muhandri

Dr Tjahjo is a lecturer at IPB University with a research focus on the development of corn noodle processing, local resource-based bakery products, and food quality assurance systems. Dr Tjahja has published many scientific articles and books during his tenure as a lecturer. In addition, Dr Tjahjo is often an invited speaker at various events related to his field.

2) Wahyu Ramadhan, S.Pi., M.Si., Dr.Eng

Wahyu is an Assistant Professor at the Department of Aquatic Products Technology of IPB, as well as a Researcher at the Centre for Coastal and Marine Resources Studies (PKSPL) with a focus on the technology and process of aquatic product development and food safety in the seafood industry.

3) Fierra Setyawan

Fierra has been a Programme Manager at IBCSD since December 2022 and actively promotes healthy lifestyles, FLW reduction, and provides training to the private sector on disaster mitigation. Fierra has been involved in climate data analysis, and disaster management for over 15 years.

- 4) Khairunnisa Yumalina Hummam
Khairunnisa has experience in project management and leadership, particularly in product launch training. She is intensively involved in *capacity building* development and implementation.
- 5) Darina Maulana
Darina is an expert in circular economy and has experience in creative industry and social impact. Darina has experience in conducting national and international studies.
- 6) Amanda Susanti Cole
Amanda is the *founder* and CEO of Sayurbox. Amanda built a company that helps farmers and fishermen. Amanda was selected in Forbes 30 Under 30. Amanda graduated from the University of Manchester.
- 7) Rendria Labde
Rendria is the *co-founder of* Magalarva which has a vision to provide sustainable protein-based products in Indonesia. Rendria was recognised by Forbes 30 Under 30 in 2021.
- 8) Dian Yuanita W
Dian is an agribusiness professional with focussed skills and experience in food system management, integrated agriculture, and sustainable agricultural development. She currently serves as a *Food Loos and Waste (FLW) Consultant* at Bappenas.
- 9) David Christian
David is an environmental expert. David is the *founder of* Evoware, a company that provides sustainable packaging products to reduce the use of plastic. David was honoured with the Forbes 30 Under 30 award in 2020.
- 10) Zulfikar
Zulfikar has experience in waste management and circular economy in rural, urban and 3T areas through community empowerment. Zulfikar is an *engineer and trainer* at an FMCG and actively conducts research on plastics and others.
- 11) Irvan Helmi
Irvan is an agricultural entrepreneur with an emphasis on circular economy. Irvan has a passion for F&B products and has been running his businesses since 2007, namely Anomali, Indonesia Coffee Academi (2012), and Kopi Asli Indonesia (2015).
- 12) M. Reza Fahlepi
Reza is the *founder of* Fishlog. Reza is *passionate* about *supply chain* and fisheries industry. Reza is a finalist of JICA Ninja Accelerator 2021 and an alumni of Seafood Innovation Project 2019. Reza is also involved in one of the programmes initiated by the Ministry of Fisheries and Maritime Affairs.
- 13) M. Agung Saputra
Agung is the *founder of* Surplus, a *marketplace* that provides services for local businesses/ local farmers to sell defective products to consumers. Surplus is now a certified B-corp and has prevented 360 million rupiah in economic losses.
- 14) Farras Kantias Hady
Farras is a management graduate with a *passion for* market research, finance, and international business. Farras specialises in data *handling* and government administration procedures.
- 15) I Putu Ikrar Satradharma
Putu is a *Bio-engineering* graduate and has experience in team coordination and resource management. Putu has an interest in research, product development and data analysis.

From the *coaching* session, an assessment was conducted to get 15 *grand* finalists who will present their ideas and ideas at the *Grand Final* stage. The assessment criteria during the *coaching* stage are 25% of the material assignment, 25% presentation techniques, 25% argumentation skills, and 25%

business development prospects. Appendix 2 presents the list of participants who have the highest scores (top 15) from the *coaching session* selection.

5. Grand Final

The National **IDEATHON** competition with the theme “*Better Management of Food Loss and Waste to Support Green and Circular Economy*” attracts young people whose thoughts, creativity, and interests as the next generation of the nation into ideas, ideas, or solutions to issues related to sustainable food systems, especially related to *food loss and waste*. The final stage of this series of competitions was the *Grand Final* where the top 15 participants from the *coaching session* assessment results were asked to present their ideas and business ideas. This event was held on Tuesday, 3 October 2023 at Hotel Borobudur, Jakarta.

The judges at this stage are the Main Judges who have expertise in fields that are aligned with the theme of the competition being held. The following are the Main Jury of **IDEATHON** Competition:

1) Asri Hadiyanti Giastuti

Asri is a planner at the Environment Directorate of the Ministry of National Development Planning/ Bappenas of the Republic of Indonesia. Asri graduated in Environmental Engineering from Bandung Institute of Technology in 2019 and in 2020 served as a Technical Staff at the Coordinating Ministry for Economic Affairs of the Republic of Indonesia. Asri is also the *President* of the Environmental Engineering Student Association and won a bronze medal in the IGEO competition in Poland and Russia in 2014-2015.

2) Dr Ir Yayuk Farida Baliwati, MS

Dr Yayuk obtained her Doctorate degree in Natural Resources and Environmental Management, Master's degree in Rural Sociology and Bachelor's degree in Community Nutrition and Family Resources at Bogor Agricultural University. Dr Yayuk actively conducts research and teaching at the Department of Community Nutrition, Faculty of Human Ecology, IPB University. Dr Yayuk has comprehensive expertise in important issues related to sustainable development, food security and nutrition, socio-cultural food and nutrition.

3) Fierra Setyawan

Fierra has been a Programme Manager at IBCSD since December 2022 and actively promotes healthy lifestyles, FLW reduction, and provides training to the private sector on disaster mitigation. Fierra has been involved in climate data analysis, and disaster management for over 15 years.

4) Darina Maulana

Darina is an expert in circular economy and has experience in creative industry and social impact. Darina has experience in conducting national and international studies.

5) Barlev Nico Marhehe

Barlev Nico is a National Programme Officer-UNEP and has more than 15 years of experience working on development and environmental issues both in Indonesia and abroad.

The assessment criteria in this stage are as follows:

Criteria/score	1	2	3	4	5
<i>Problem solution fit</i>	Participants have no understanding of issues and challenges based on local contexts	Participants are able to identify issues but require in-depth understanding	Participants understand and are able to clearly identify issues and challenges	Participants have an understanding and are able to identify challenges and issues and relate them to the needs of stakeholders. interests	Participants demonstrate an understanding of the issues and challenges and present solutions clearly and appropriately
Impact	Solution does not show positive impact on behaviour/habits, gender equality and FLW reduction	Solution shows behavioural change related to FLW reduction	Solution demonstrates behaviour change related to FLW reduction and demonstrates gender equality	The solutions presented are able to reduce FLW issues and change behaviour change, linking with stakeholders, and gender equality issues inclusively.	The solution provided is long-term in terms of FLW reduction, behaviour change, engaging stakeholders, and inclusively linking to equality issues. gender
Eligibility	Participants are unable to demonstrate technical substance related to the idea presented	Participants have minimum technical and substantive skills and need guidance on how to bring The idea	Participants have basic technical skills and need guidance to bring their ideas to life.	Participants have good technical ability and can ensure feasibility with plans	Participants have technical capabilities and a clear plan
Transformation potential (scale)	Soulis is not sustainable* and cannot be assessed from an environmental perspective* and finance	The solution is sustainable and cannot be assessed	Sustainable solutions	Sustainable but not replicable solution	Solutions are sustainable, scalable, and have potential for replication across regions
Creativity	Pre-existing business idea	Business idea already exists but requires repair	The business idea is pre-existing and requires repair	New and innovative ideas	New and highly innovative idea

*Additional indicators:

1. Climate change mitigation and adaptation (25%)
2. *blue economy* (25%)
3. *marine plastic debris* (25%)
4. *good maritime governance* (25%)

From the above criteria, 1st, 2nd, and 3rd place were obtained based on the assessment results attached (Appendix 3). The 1st place was won by Slamet Riyadi with the idea “We-Lab, Waste to Energy Lab” and received Rp25,000,000.00. 2nd place was won by Team CFEM with the business idea “Fish Protein Concentrate (FPC): Functional Food Ingredients from Pindang Industry Stew Waste” and received a prize of Rp15,000,000. Third place was won by Team Endura with the business idea “Cellulose-based Foam Insulation Packaging System to Promote Food Security of Fruits and Vegetables” with a prize of Rp10,000,000. The competition also selected eligible entries to attend the AIS Forum conference in the UK which will be held in the first week of November 2023.

The Grand Final session was organised as a hybrid and attended by the finalists and grand finalists. Appendix 4 shows the attendance list table.

H. DOCUMENTATION



Figure 1. Welcome and Opening Remarks by the Director of Environmental Affairs, Bappenas



Figure 2. Welcoming Remarks by Head of Environment Unit, UNDP Indonesia



Figure 3. Remarks by Representative of United Nations Information Centre (UNIC) Indonesia



Photo session with the main judges



Presentation of ideas and business plans of Ujikabar Team



Maggeazy Team's idea and business plan presentation



Team Mandalika's presentation of ideas and business plan



Coffee break and ice breaking session



Presentation of CFEM Team's idea and business plan



Coach Talk 1: Burgreens



Coach Talk 2: Aquafarm Care



Figure 12. Presentation of the idea and business plan of the Recyclein Team



Figure 13. EcoBite Team's idea and business plan presentation



Figure 14: Linkara Team presentation of ideas and business plan



Coach Talk 3: Dian Yuanita



Slamet Riyadi's idea and business plan presentation



Team Endura's idea and business plan presentation



Figure 18. EcoSeal+ Team presentation of idea and business plan



Figure 19. Presentation of the Food Estate Team's idea and business plan



Gmbar 20. Rupakuma Team presentation of ideas and business plan



Coaching Talk 4: M. Agung Saputra (Surplus)



Coaching Talk 5: Reza Fahlepi (Fishlog)



Next Step and Reflection: Adhitya Pratama Yusuf (CE Manager)



Award to the Proposal Jury
Figure 24: Appreciation to the Proposal Screening Jury



Figure 25. Appreciation to Coach



Figure 26. Appreciation to the Grand Jury



IDEATHON 1st place prize handover



Prize giving for 1st, 2nd and 3rd place winners of IDEATHON

I. Attachment

Appendix 1. Selected Proposals

Table 1. Selected proposals of IDEATHON Competition

No	Nama Peserta	Judul Ide dan Rencana Bisnis
1.	Tim Endura	Endura, Sistem Pengemasan Busa Penyekat Berbahan Dasar Selulosa Untuk Mendorong Ketahanan Pangan Buah dan Sayuran
2.	Tim Kemasan Jagung	Optimalisasi ekonomi sirkular dalam budidaya jagung manis dengan penggunaan kemasan dan kompos dari limbah jagung
3.	Tim Stockwoss	Stockwoss : Inovasi pakan serbaguna ayam pedaging dan ikan air tawar berbahan limbah makanan dengan rempah-rempah dan probiotik tempe busuk untuk tingkatkan bobot dan imunitas ternak
4.	Tim HarvestHub	HarvestHub, Platform Kolaboratif untuk Penghubung Pasar dan Supplier dalam Mengurangi Food Waste pada Rantai pasok Distribusi dan Pemasaran
5.	Tim Ngupahan	Aplikasi Mobile Ngupahan, Solusi Pengelolaan Sampah RMT dan Penunjang Ketahanan Pangan Keluarga Perkotaan di Kab Bogor
6.	Tim Daur Ulangin	Daurulangin: Platform Pemersatu Ide Untuk Bersama Mengatasi FLW
7.	Tim CFEM	Fish Protein Concentrate (FPC): Bahan pangan Fungsional dari Limbah Rebusan Industri Pindang Ikan
8.	Tim UV Stars	UV Stars, Sterilization Approach in Reducing Spoiling
9.	I Wayan Darmayasa	NutriPellert : Sumber Pakan Ikan Berkelanjutan dari Limbah Makanan dan Kulit Udang
10.	Eka Imbia Agus Diartika	Platform Aquafarmcare: Memberdayakan Petani Ikan Dengan Memberikan Solusi Untuk Kesehatan Ikan Yang Komprehensif
11.	Siti Rofiatul Sazjyah	Ragung, Minuman Sari Rambut Jagung
12.	An Bil'is Ekarosadi	Xylgreen, Gula xylitol ramah lingkungan dari limbah pertanian tongkol jagung dan jerami padi
13.	Tim Ujikabar	Ujikabar, Ultimate Jipang Snack Bar, Solusi Limbah Nasi Sektor Horeka
14.	Tim Food Estate Kentang	Peningkatan kualitas lingkungan, hasil produksi dan kesejahteraan petani melalui pembangunan food estate kentang berbasis pertanian berkelanjutan di Dieng
15.	Ade Rizki Mufaraz	Eco_Muz, Jasa Pengambil Sampah Rumah Tangga dengan Sistem Pengelolaan Berkelanjutan pada Budidaya Maggot
16.	Tim Recyvation	RecyVation : Inovasi Bisnis Pengolahan Ampas Kopi
17.	Slamet Riyadi	WE-Lab, Waste to Energy Lab Metode Pengumpulan dan Pengolahan Minyak Jelantah menjadi Biodiesel 100% (B-100) dengan rancang bangun teknologi tepat guna untuk efisiensi dan safety, sabun cuci tangan padat dari gliserol limbah pembuatan biodiesel dan lilin aromaterapi 100% nabati dengan menggunakan minyak kedelai dari ampas tahu (soywax) dan essential oil dari limbah pertanian.

No	Nama Peserta	Judul Ide dan Rencana Bisnis
18.	Tim Maggeazy	Maggeazy, Platform Edukasi Pembudidayaan Maggot sebagai inovasi mengatasi limbah makanan di Masyarakat
19.	Bara Yudhistira	Kombinasi maggot dan portable garbage bin berbasis daring untuk meningkatkan efisiensi dan revenue pengelolaan sampah organik pasar
20.	Tim Ecoaseal +	EcoSeal+, Smart Packaging dari Kulit Pisang untuk Memperpanjang masa simpan makanan
21.	Tim Linkara	Linkara, Konektivitas Penyedia Teknologi Kemasan Berkualitas dengan Petani Hortikultura untuk Ketahanan Pangan Berkelanjutan
22.	Nadia Maharani	Nipah sebagai Sumber Karbohidrat Alternatif dalam Mengembangkan Sumber Ketahanan Pangan
23.	Tim Mandalika	Pengembangan Pertanian Organik Inklusif dan Terintegrasi di dalam Kawasan Pariwisata Prioritas Mandalika Berbasis Pengelolaan Sampah dengan Teknologi BSF dan turunannya
24.	Tim Ecobite	Minimasi Food Waste dengan Ecobite, Sistem Pemberdayaan Sektor Rumah Tangga Berbasis Ekonomi Sirkular
25.	Tim RUPAKUMA	Rupakuma, Rupa Berbeda Kualitas Sama (Start up distributor berbasis teknologi pada buah sayur imperfect hasil panen petani di Karanganyar untuk mengurangi food loss)

Appendix 2. Coaching Session Selection Results

Table 2. Coaching Session selection results

No.	Participant Name	Value
1	Team Endura (Annisa, Maria, Nadhira, Qinthar, Richard)	90.63
2	Ngupahan Team (Dwi, Ahmad, Galuh, Rheza)	90.25
3	RUPAKUMA Team (Ferri, Rahma, Sagita, Salsabilla, Sephia)	87.25
4	Slamet Riyadi	87.00
5	Linkara team (Itsna, Dicky, Akbar)	85.00
6	Eka Imbia Agus Diartika	84.63
7	Mandalika Team (Rahardi, Ahmad, Desak, Melisa, Titania)	82.50
8	Maggeazy Team (Yusuf Syauqi, Ibnu, Cinta, Ilham)	82.50
9	Potato Food Estate Team (Qurrotul, Bhaskoro, Basith)	82.00
10	CFEM Team (Evan, Fimelia, Cynthia, Mada)	81.63
11	Recycling Team (Aldin, Alie, Intan, Hanifah)	81.13
12	Ujikabar Team (Adelia, Farhan, Umar, Dewi, Sekar)	79.88
13	Ecobite Team (Fitrah, Amorette, Hani, Romadon, Vera)	79.75
14	Ecoaseal + Team (Enye, Gregor, Kyla, Arif, Zahra)	78.75
15	Bara Yudhistira	78.13

Appendix 3. Grand Final Assessment Results

Table 3. IDEATHON Grand Final Assessment Results

No.	Participant Name	Jury I	Jury II	Jury III	Jury IV	Jury V	Total Value	Final Grade
1	Ujikabar Team	60	68	72	76	56	332	66.4
2	MaggEazy Team	68	64	72	76	68	348	69.6
3	Mandalika Team	44	60	60	64	36	264	52.8
4	CFEM Team	80	80	84	84	88	416	87.2
5	Eka Imbia Agus Diartika	44	72	80	96	60	352	70.4
6	DaurUlangin Team	64	60	56	76	32	288	57.6
7	Linkara Team	60	64	60	76	72	332	66.4
8	Bara Yudhistira	64	60	56	72	56	308	61.6
9	Ecobite Team	68	76	68	84	76	372	78.4
10	Slamet Riyadi	88	100	84	88	92	452	90.4
11	Endura Team	84	76	76	76	100	412	86.4
12	Wage team	80	76	56	80	52	344	68.8
13	Ecoseal+ Team	60	88	64	84	96	392	82.4
14	Food Estate Team	64	72	64	76	84	360	72
15	Rupakuma Team	52	64	80	64	40	300	60

Table 4. Recapitulation of the top 5 IDEATHON Grand Final assessment results

Team Name	Final Grade	Attendance	Team Description
Slamet Riyadi	90.4	Offline	WE-Lab, Waste to Energy Lab
CFEM Team	87.2	Online	Fish Protein Concentrate (FPC): Ingredients Functional Food from Fish Pindang Industry Decoction Waste
Endura Team	86.4	Online	Cellulose-based Foam Insulating Packaging System to Promote Fruit and Food Security Vegetables
Ecoseal+ Team	82.4	Online	Smart Packaging from Banana Peels for Extend the shelf life of food
Ecobite Team	78.4	Offline	Minimise Food Waste with Ecobite, Circular Economy-based Household Sector Empowerment System

Appendix 4. Attendance List (Online)

Table 5. Attendance list of *Grand Final* participants

No.	Name	Participant Categories	Agency Origin
1	Muhammad Arif	Grand Finalist	Mads Gadjah University
2	Mohamad Basith Abdillah	Grand Finalist	Universitas Gadjah Mada
3	Bara Yudhistira	Grand Finalist	Sebelas Maret University
4	David Suwarno Kusweanto	Finalist	Diponegoro University
5	Dicky Cahyo Anggoro	Grand Finalist	General
6	Titania Chantika Permata	Participants	University of Mataram Team Mandalika
7	Nadhira Ghasani	Grand Finalist	Team ENDURA/ Carnegie Mellon University
8	Zahra Aisya Rosa Febriantingtyas	Grand Finalist	Universitas Gadjah Mada
9	Maria Cynthia	Grand Finalist	Pratt Institute, Brooklyn, NY, USA
10	Mada Triandala Sibero	Grand Finalist	Team CFEM/Institute of Medicinal Biotechnology, Chinese Academy of Medical Science & Peking University Union Medical Science
11	Eldisya M. Jebatu	Finalist	Soegijapranata Catholic University Semarang
12	Nur Badri	Participants	IPB University
13	Fimelia Wikan Praudia	Grand Finalist	University of Melbourne
14	Eka Imbia Agus Diartika	Grand Finalist	Institute of Business Technology and Muhammadiyah Tulungagung Health
15	Richard Marganda	Grand Finalist	Endura
16	Annisa Nurantono	Grand Finalist	University of Pennsylvania
17	Evan Hansel Frederick	Grand Finalist	University of Melbourne
18	Cynthia Andriani	Grand Finalist	University of Auckland
19	titania chantika gem	Finalist	team mandalika universiatis mataram
20	Bhaskoro Arifin	Grand Finalist	Universitas Gadjah Mada
21	Gregor Dalton Maranatha Lekatompessy	Grand Finalist	Universitas Gadjah Mada
22	Bhaskoro Arifin	Grand Finalist	Universitas Gadjah Mada
23	Kyla Amalia Gala	Grand Finalist	Universitas Gadjah Mada
24	Enye Lana	Grand Finalist	UGM
25	Muhammad Arif	Grand Finalist	EcoSeal+
26	Gregor Dalton Maranatha Lekatompessy	Grand Finalist	EcoSeal+

