



Workshop Report

AI Socialization: Gender Based AI Policy in Indonesia

Project Name:

Enhancing the Development of Standards and Frameworks
for Critical Technologies in Southeast Asia

AI Socialization

Jakarta, Indonesia

28 February 2023

AI Training

Yogyakarta, Indonesia

2-3 March 2023

1. Key Outcomes and Highlights

- The Artificial Intelligence (AI) Socialization: Gender Based AI Policy in Indonesia and the associated AI Training, which was held respectively in Jakarta and Yogyakarta, Indonesia was split into two aspects:
 - Day 1 Socialization event included sessions on research report dissemination, women's dialogue, and networking, welcomed 46 participants, 23 female and 23 males.
 - i. 100% of participants were satisfied with the clarity, objective and all aspects and content of the Socialization event.
 - ii. All participants agreed to use what had been learned in the event in their daily work.
 - iii. All participants also agreed that the contacts established during the networking are useful for further AI collaborations.
 - The Day 2-3 AI Trainings welcomed 28 participants, 15 female and 13 males.
 - i. 100% of participants were satisfied with the objectives, materials, and speakers during the trainings.
 - ii. Day 2 training with the Asian Institute of Technology, Thailand and Atma Jaya University, Indonesia presented three modules on AI introduction, Gender Bias, and AI ethical Policy, showing 8% increased knowledge with an average of 52% participants answering the posttest correctly.
 - iii. Day 3 training with IEEE on AI standard, showed 11% increased knowledge with an average 73% right answers in the posttest from 62% in the pretest.
- The event was concluded successfully, and the following needs were identified:
 - Although Indonesia has a national strategy on AI, the specific regulation on AI is not yet published. All stakeholders expressed a desire to further understand in the Indonesian context how the different agencies play a role in regulating and supporting AI, as well as further highlight universal principle on ethics linked to AI.
 - Indonesia's national AI strategy is based on Indonesia's philosophy of Pancasila. However, participants noted that further exploration is needed to ensure equality of outcome for men and women under this national AI Strategy, to avoid biases in AI design and development.
 - Participants expressed interest in learning more about AI ethics guidelines that already exist in the region.
 - Participants at the training sessions expressed that the topics of AI and gender might be in certain ministry's respective domains, but bringing together ministries in a cross-sectoral manner on this topic provided new insights for all attendees and facilitated learning.
 - They further noted that gender-based AI policies are a new phenomenon, and expressed interest in learning more about this topic, the potential downsides for AI and how to address them.
- As a next step, the Indonesian Government commits to continue in conducting in depth research related to ethical AI, especially looking towards business and user perspectives.

2. AI Socialization: Gender-Based AI Policy in Indonesia (28 February 2023)



Photo 1: Participants at the AI Socialization: Gender Based AI Policy in Indonesia d (29 Feb 2023) event.

The AI Socialization: Gender Based AI Policy in Indonesia was held from 09:00-14:00 on Tuesday, 28 February 2023 at Mandarin Oriental Hotel, Jakarta, Indonesia. A total of 46 participants attended.

The Opening began with keynote remarks by Mr. Teguh Arifiyadi, Acting Director for Informatics Application Governance, Ministry of Communication, and Informatics (MCI). He welcomed participants to the event and

highlighted how AI is not a new topic, but that ChatGPT and other new AI initiatives are welcome by the government. Mr. Arifiyadi noted that AI can be biased by gender, including examples of female voices for AI assistants. He highlighted that gender biases are in everyday life, but that the way these biases appear in AI needs to be further considered from an ethical standpoint. Mr. Arifiyadi elaborated that Indonesia has not yet prepared AI ethics and that the National Research and Innovation Agency needs to formalize a national strategy for AI. He stated that MCI supports this endeavour and that MCI supports national infrastructure like national data centres and connectivity, and that although AI is still currently considered as a supporting technology, it will eventually become part of the backbone.

The opening was followed by keynote remarks from Dr. Ir. Dudi Hidayat, Director for Policy Formulation for Technology Research, National Research and Innovation Agency (BRIN), on behalf of Ms. Boediastoeti Ontowirjo Deputy for Research and Innovation Policy, BRIN. Dr. Hidayat started by highlighting AI's importance as a frontier technology, and that while it has developed benefits with great sophistication and speed, there are associated issues that are arising (e.g. data privacy, data security, biases). He highlighted Indonesia's Presidential Decree and National Strategy to accelerate the use of AI, and that innovation and collaboration between industries, universities, and BRIN can ensure the use of AI on a greater scale. He further noted the reliance of AI on big data, and that the development of data-sharing platforms can encourage the development of AI technology and human resources.

The Opening continued with recorded remarks by Ms. Atsuko Okuda, Regional Director for Asia and the Pacific, ITU. She expressed her appreciation to MCI for co-hosting the Socialization and Training events and highlighted the importance of ensuring discrimination is considered when designing AI



policies, including with frameworks, standards, policies, and initiatives at regional and national levels and with various key stakeholders from Government, Industry, Civil Society, and academia. She also thanked all partners for supporting this event, including MCI, BRIN, Institute of Electrical and Electronics Engineers (IEEE), United Nations University Institute in Macau (UNU Macau), Asian Institute of Technology (AIT), Atma Jaya University, and other partners.

Subsequently, Ms. Catherine Setiawan, Project Coordinator, ITU, provided a presentation on the “Enhancing the Development of Standards and Frameworks for Critical Technologies in Southeast Asia” project. She highlighted the project’s Theory of Change and Outputs and overviewed the past activities in 2021 and 2022 under the project.

Afterwards, Ms. Eleonore Fournier-Tombs, UNU Macau, provided a presentation on Gender Sensitive AI Policy in Southeast Asia. She highlighted the research findings UNU Macau discovered as part of the research under the project, including the specific state of AI policy and risks in Indonesia, as well as specific case studies on AI deployment in Indonesia. She noted the opportunities for further AI policy development in Indonesia, as well as future research and training considerations linked to gender and societal aspects. During the question and answer, discussions were raised around how AI can further widen inequality, as well as the importance of AI safety standardization throughout the region. Participants expressed a desire to learn more on a technical level regarding checking the datasets to account for gender and other biases, as well as to monitor the implementation of AI. Participants also noted the need to address the policy aspects, including ensuring the government can further understand how AI can benefit the country. Participants also expressed a desire for best practices on how to integrate interventions within the AI industry that address gender biases, and that the issue of female leadership is a much wider problem that is replicated in other domains. Finally, discussions were raised about the importance of conducting impact assessments, to further understand the advantages of government while also increasing transparency of AI algorithms.

The sessions were next followed by a Panel Discussion as part of the **Women Dialogue Series**. The panel discussion featured the following:

Moderator: Dr. Nia Sarinastiti, M.A, Universitas Katolik Indonesia Atma Jaya

Speakers/Panelists

- **Dr. Ayu Purwarianti**, Head of AI, Bandung Institute of Technology (ITB), (PUI-PT AI-VLB) & Co-founder Prosa.ai
- **Ms. Arianne Santoso**, Senior Analyst, Government Relations and Public Policy, Google Indonesia
- **Dr. Ir. Dudi Hidayat**, Director for Policy Formulation for Technology Research, BRIN
- **Ms. Undral Ganbaatar**, UNESCO

Dr. Ayu Purwarianti highlighted the urgency of ensuring AI development in Indonesia for the digital economy, with the estimate that it will uplift Indonesia's GDP by 12% by 2030. She noted Indonesia's score on the ASEAN AI Readiness Index vis-à-vis regional peers, and that AI talent development remains lacking. Dr. Purwarianti noted that in the education system in Indonesia, there remains a gap in teaching AI at all levels of schooling through computational thinking and recommended that it be incorporated into the curriculum starting from the primary level. She further overviewed examples of AI biases, including ChatGPT risks, and that training needs to be further done for all industries, not just the government.

Ms. Anne overviewed Google's approach towards responsible AI, including Google's AI Principles and their Recommendations for Regulating AI paper. Ms. Anne elaborated that their AI principle number 1 is to avoid creating or reinforcing unfair bias. She further highlighted examples of their AI principles in action, including the use of datasets to avoid grammatical gender biases and to train machine learning models to not incorrectly generate gendered pronouns, which led to the Translated Wikipedia Biographies dataset. She also expanded on the potential of AI, including the Project Green Light AI implementation project which is also working in Indonesia to use AI modelling to predict river flood forecasting.



Photo 2: Panelists at the Women Dialogue Series in Indonesia

Dr. Ir. Dudi Hidayat discussed AI biases and how they can be created during the AI development process. He noted the AI industry's gender gap and the importance of addressing this issue, including Indonesia's international and national commitments and legal frameworks to support gender equality. He overviewed several different AI ethics principles, and that the majority do not have formal legal binding but can serve as the foundation of AI governance in different jurisdictions globally. Dr. Hidayat concluded by highlighting BRIN's approach based on the draft of the Presidential Regulation on AI National Strategy, and overviewed the need to conduct an AI ethics framework study, form an Ethics Committee Team, socialize stakeholders, and monitor and evaluate such a study.

Ms. Undral Ganbaatar started by overviewing UNESCO's background in Jakarta and the Social and Human Sciences (SHS) unit. She noted UNESCO's Recommendation on the Ethics of AI, which was



adopted by 193 member states, including Indonesia. Ms. Ganbaatar further elaborated on the recommendation, including how gender is part of policy area number 2 in the framework of the Recommendation. Ms. Ganbaatar further discussed the development of the UNESCO Ethical Impact Assessment (EIA) and Readiness Assessment (RA) Methodology tools, to assess AI systems against the values, principles, and policy areas of the Recommendation, which will cover the entire AI lifecycle. She noted the need to deploy both the EIA and RA tools at the national and regional levels and how there will be Regional Councils for the implementation of the UNESCO Recommendation, including at the ASEAN level. Finally, she concluded by recapping previous UNESCO work in Indonesia on AI ethics at the national level, including the launching of a country study to understand AI ethics vis-à-vis Pancasila.

During the subsequent discussions, the panelists highlighted the importance of approaching AI through not just hard law but also soft law regulation for normative instruments. The panelists also noted that AI regulation in Indonesia needs to take into multistakeholder input, but that this requires a level of AI literacy among the stakeholders. Discussants also highlighted whether sectoral approaches might be needed to regulate sectoral applications of AI. Panelists and participants conversed about how to ensure AI is incorporated into the educational curriculum from the primary level onwards, and the need for computational thinking to enhance digital talent at all levels of education. The discussants noted that the national AI roadmap also highlights these issues, including under pillars of trustworthy AI and human resources.

After the panel discussion, Mr. Calvin Chan presented on ITU and the potential opportunities for ITU membership. He also highlighted the project's Women AI Policy LinkedIn Group and encouraged participants to join and to further engage with the project as it continues its implementation.

3. AI Training (2-3 March 2023)

The AI Training in Indonesia was held from 09:00-17:00 on Thursday, 2 March 2023 and Friday, 3 March 2023 (28 participants from government agencies) at Tentrem Hotel, Yogyakarta, Indonesia.

The training featured 6 specific modules:

Module 1: Introduction to AI for Policymakers

This module was led by Professor Matt Dailey, AIT, through an online lecture. He presented the history of AI and the development of data-driven decision-making on structured data, including case studies on how AI makes decisions. He also trained policymakers on how AI moved beyond shallow



models and how the learning process can become biased. He further discussed how deep learning works in the visual and text domain, including with ChatGPT and other large language models. Finally, he noted the debate on general AI, before leading the participants into an exercise where they discussed different AI systems in implementation in Indonesia and the type of AI used, the location of the data, the training/updating of the model, and how the application can be further improved.

Module 2: Gender and societal risks in AI

This module was led by Professor Joyee S. Chatterjee from AIT. She discussed the technology-society interface and how AI systems can lead to potential gender biases. She also discussed the definition of gender and the feminization of AI and its concomitant gender division of labour, as well as how algorithms can lead to a vicious circle of biases. Professor Chatterjee noted that gender-neutral approaches can increase gender inequalities and that there is a need to address these shortcomings and work towards safeguards and gender-aware regulatory standards and policies. Subsequently, the participants were brought into an exercise where they identified the high-risk AI implementation in Indonesia and how it can create different forms of vulnerabilities, including gendered risks, as well as potential strategies to mitigate these shortcomings.

Module 3: From Ethics to Policymaking in AI (Indonesia national context)

This module was led by Dr. Ir. Lukas, MAI, CISA, IPM and Dr. Nia Sarinastiti, M.A from Universitas Katolik Indonesia Atma Jaya (Atma Jaya University). The module started with an overview of the impact of AI on daily lives, before further extrapolating on Indonesia's AI Strategy (including Pillar 1 on AI ethics and Pancasila), OECD AI Principles, and the UNESCO Recommendation on the Ethics of AI. The lecturers then highlighted the impact of social biases, especially gender biases in Indonesia, and how the effects are seen in AI policy. They then highlighted different forms of cultural expression and social biases and provided a roadmap for policymakers on how to craft policies for AI that address gender biases. Participants were also brought into a group exercise to identify a potential project's effects on gender, and its concomitant values/principles and associated regulation.

Module 4: From How Standards Support Critical and Emerging Technology, especially Artificial Intelligence (AI)



This module was led by Ms. Patricia Shaw and Mr. Munir Mohammed from IEEE. They started by overviewing IEEE and the definition of standards. They noted the growing role of AI and implementation challenges and the importance of mainstreaming sustainability in the discussions as well as human-centric design. They highlighted related risk elements, including socio-technical risks, and that there was a mapping of all technology ethics papers across the globe, which showed a common taxonomy, but not commonality of purposes or local interpretation.

Module 5: International Standardization on AI

This module was led by Ms. Patricia Shaw and Mr. Munir Mohammed from IEEE. They overviewed the global standardization landscape linked to AI, as well as ethically linked design and IEEE sociotechnical standards. They highlighted the IEEE 7000 series standards, including IEEE 7003 standard on algorithmic bias consideration. They provided a deep dive example of IEEE's sociotechnical standards and its values-based system design, as well as further elaborating on the IEEE 7010 2020: Societal Impact Assessment Framework standard. Both trainers also discussed AI ethics systems certifications and the different steps involved.

Module 6: Gender Responsive Standard

This module was led by Ms. Patricia Shaw and Mr. Munir Mohammed from IEEE. They highlighted different research reports on gender equality and social inclusion, including IEEE's AI Ethics and Governance Standards program, as well as IEEE's AI Ethics Readiness Framework. They noted the need to address gender biases that already exist and to upskill training and access to networks for women in the STEM fields. They also noted the importance of considering redress mechanisms for AI algorithmic biases.



Annex 1 – Agenda

AI Socialization: Gender-Based AI Policy in Indonesia **Tuesday, 28 February 2023** **Mandarin Oriental Hotel, Jakarta, Indonesia** **08.30-14.00**

Venue: Diponegoro Room, 3rd floor, Hotel Mandarin Oriental, Jakarta

Time	Activity	Details	Speakers
08.30-09.00	Registration		
09.00-09.30	<u>Opening</u> Singing Indonesia National Anthem: “ <i>Indonesia Raya</i> ” <ul style="list-style-type: none">• Keynote by Mr. Samuel Abrijani Pangerapan, B.Sc, M.M, Directorate General for Informatics Application, Ministry of ICT (Represented by Mr. Teguh Arifiyadi, Acting Director for Informatics Application Governance, Ministry of ICT)• Keynote by Ms. Boedistoeti Ontowirjo Deputy for Research and Innovation Policy, <i>BRIN</i> (Represented by Dr. Ir. Dudi Hidayat, Director for Policy Formulation for Technology Research, BRIN) Keynote by Ms. Atsuko Okuda , Regional Director, International Telecommunication Union (ITU)		
09.30-09.45	<u>Presentation on the Project</u> <i>“Enhancing the Development of Standards and Frameworks for Critical Technologies in Southeast Asia”</i> :by Catherine Setiawan, ITU		
09.45-09.55	Coffee Break		
09.55-10.45	<u>Research Report Dissemination</u> <i>“Gender Sensitive AI Policy in Southeast Asia”</i> , by Dr. Eleonore Fournier- Tombs , UN University of Macau (Access the report, here) Moderator: Dr. Nia Sarinastiti, M.A , Universitas Katolik Indonesia Atma Jaya		
10.45-12.20	<u>Women Dialogue Serie: Gender and AI Policy in Indonesia</u> Speakers: <ul style="list-style-type: none">• Dr. Ayu Purwarianti, Head of AI ITB (PUI-PT AI-VLB) & Co-founder Prosa.ai• Ms. Arianne Santoso, Senior Analyst, Government Relations and Public Policy, Google Indonesia• Dr. Ir. Dudi Hidayat, Director for Policy Formulation for Technology Research, BRIN• Ms. Undral Ganbaatar, UNESCO Moderator: Dr. Nia Sarinastiti, M.A , Universitas Katolik Indonesia Atma Jaya		
12:20-12:30	<u>Wrap-up</u> , by Calvin Chan, ITU <ul style="list-style-type: none">• Presentation about ITU membership & Women AI Policy LinkedIn Group• Monitoring & Evaluation		
12.30-14.00	Photo Group & Networking Lunch		



AI Training
Thursday- Friday, 2-3 March 2023
Tentrem Hotel, Yogyakarta, Indonesia
08.00-17.00
(Only for Government)

Venue : Sonokeling-Sonokembang Room, Lobby Floor

Thursday, 2 March 2023

Thursday, 2 March 2023

Time	Activities	Detail	Proposed speakers
08.30-09.30	Registration <ul style="list-style-type: none"> Pre- test (M&E) 		
09.30-11.30	Training to Policy makers	Part 1: Introduction to AI for policymakers	Dr. Matt Dailey (online) Asian Institute of Technology
11.30-11.45	Coffee Break		
11.45-13.15	Training to Policy makers	Part 2: Gender and societal risks in AI	Dr. Joyee S. Chatterjee Asian Institute of Technology
13.15-14.15	Lunch & Photo Group		
14.15-15.45	Training to Policy makers	Part 3: From ethics to policymaking in AI (Indonesia National Context)	Dr. Ir. Lukas, MAI, CISA, IPM Dr. Nia Sarinastiti, M.A Universitas Katolik Indonesia Atma Jaya
15.45-16.30	Discussion & Wrap-Up <ul style="list-style-type: none"> Post- test (M&E) 		
16.30- 17.00	Coffee Break		

Friday, 3 March 2023

Time	Activities	Detail	Proposed speakers
08.00-08.30	Registration & Coffee Break <ul style="list-style-type: none"> Pre- test (M&E) 		
08.30-10.00	Training to Policy makers	Part 4: AI Standardization	Ms. Patricia Shaw Mr. Munir Mohammed IEEE
10.00-11.30	Training to Policy makers	Part 5: Ethical AI Standardization <ul style="list-style-type: none"> Gender Responsive Standard 	Ms. Patricia Shaw Mr. Munir Mohammed IEEE
11.30-14.00	Photo group, Friday Prayer and Lunch		
14.00-15.30	Training to Policy makers	Part 6: Tools for Policy Makers	Ms. Patricia Shaw Mr. Munir Mohammed IEEE
15.30-16.30	Discussion & Wrap Up <ul style="list-style-type: none"> Post- test (M&E) 		
16.30-17.00	Coffee Break		



Annex 2 – Attendee List

Day 1

Name	Position	Organization
Affan Giffari	Anggota Kerjasama dan Regulasi KORIKA	KORIKA
Annissa Aprilia Riesky	Pelaksana	PusatKI Kemenkominfo
Arben Sejdaj	Development and Coordination Officer	United Nations Resident Coordinator Office Indor
Asep Herawan	Staf/pengolah data	Belmawa dikti kemdikbudristek
Ashari Abidin	Wakil Ketua Bidang Platformatika	Masyarakat Telematika (Mastel)
Aulia Zulfa	Koordinator Tata Kelola Layanan Penyelenggara Elektronik	Kominfo
Auliya Ulfa Rahmah D	Staf	Kemenko Perekonomian
Averio Nadhianto	Staf Direktorat Ekonomi Digital	Kementerian Komunikasi dan Informatika
Bayu Eka Putra	Subkoordinator	Direktorat Standardisasi Kompetensi dan Program Pelatihan, Kemnaker RI
Beltsazar Arya Krisetya	Peneliti	Centre for Strategic and International Studies
Calvin Chan	Programme Administrator	ITU
Catherine Setiawan	Project Coordinator	ITU
Cendana	Direktorat Tata Kelola Aplikasi Informatika	Kominfo
Dian Ratna Sari	Direktorat Tata Kelola Aplikasi Informatika	Kominfo
Dimas Agung Prasetyo	PIC Perumusan Standar Teknologi Informasi	Dit Standardisasi PPI Kominfo
Dirgantara Manurung	JFT PSM ahli muda	Kominfo
Dr. Anto Satriyo Nugroho	Kepala Pusat Riset Kecerdasan Artifisial dan Keamanan Siber	Badan Riset dan Inovasi Nasional
Dr. Helni Mutiarsih Jumhur., SH., MH	Dosen	Fakultas Ekonomi Bisnis , Manajemen Telekomunikasi dan Informatika, Telkom University
Fajar Nugroho	Direktorat Tata Kelola Aplikasi Informatika	Kominfo
Faradina Vidyani	Analisis Pelayanan	Analisis Pelayanan
Fikhi Akbar	Analisis kebijakan ahli Madya	Kementerian Pemberdayaan Perempuan dan Perlindungan Anak
Giulia Ajmone Marsan	Strategy and Partnership Director	Economic Research Institute for ASEAN and East Asia
Hari Setiawan	Perekayasa Ahli Pertama	BRIN
Hario Bismo Kuntarto	Koordinator Tata Kelola Ekonomi Digital dan Gimm	Kominfo
hendri sasmita yuda	Analisis Kebijakan Madya	Pemerintah
Hosianna Rugun Anggreni	Programme Analyst for Governance/Women, Peace and Security	UN Women
Ika Nur Fitrianiingsih	Staf PPNPN	Kementerian Kominfo



Ikma Lailatul Badriyah	Analisis Sertifikasi Perangkat Telekomunikasi	Direktorat Standardisasi PPI
Ketty Mustika Prasetyanty	Analisis Kerja Sama Teknis Standardisasi	Badan Standardisasi Nasional (BSN)
Lenggo Geni Aulia	Pranata Humas Ahli Muda selaku Sub Koordinator Kelompok Substansi Kerja Sama Dalam Negeri	Badan Standardisasi Nasional (BSN)
Luigi Ajeng Pratiwi	Analisis Manajemen Standardisasi Perangkat Pos Informatika	Ditjen SDPPI - Kominfo
M. Rasyid Aqmar	Senior AI Research Manager	Bukalapak
Meyda Nento	Associate Project Officer	UNESCO Jakarta
Muhammad Rakha Rafi Baihaqi	Penelaah Teknis Kebijakan	Badan Siber dan Sandi Negara
Puji Lestari, ST.MT	Peneliti Ahli Muda IIIc	Badan Riset dan Inovasi Nasional
Putri Wahyuni Hamran	Direktorat Tata Kelola Aplikasi Informatika	Kominfo
Radifa Hilya Paradisa	Analisis Data dan Informasi	Badan Siber dan Sandi Negara
Ratna Pertiwi	Analisis Kebijakan Ahli Pertama	Badan Riset dan Inovasi Nasional (BRIN)
Safira Pusparani	Public Policy & Government Relations	GoTo Group
Sasti Khoirunnisa	Staff	Kemenko Perekonomian
Thaworn Buahorm	Admin and Finance Assistant	ITU
Thilma Komaling	Divisi Kerjasama & Regulasi	Korika / IAIS
Yoyo Karyono	Statistisi Ahli Muda	Badan Pusat Statistik
Yuviana Lestari	Analisis Kerja Sama	Pusat Kelembagaan Internasional Kemenkominfo
Teguh Arifiyadi	Plt Direktur Tata Kelola Aplikasi Informatika	Kominfo
Abdul Azzis	Setdikjen APTIKA	Kominfo
Nancy Margried	Direktur PT Digital Tenun Nusantara	Digital Tenun Nusantara
Budi Setiawan	Statistik Ahli Madya	BPS
Sambodo A	MCI SDPPI	Kominfo
Ayu Purworianti		ITB
Dr Dudi Hidayat		BRIN
Undral Ganbataar		UNESCO
Arianne Santoso		Google
Nia Sarinastiti		Atma Jaya University



Day 2-3

Name	Position	Organization
Annissa Aprilia Riesky	Pelaksana	PusatKI Kemenkominfo
Asep Herawan	Staf/pengolah data	Belmawa dikti kemdikbudristek
Aulia Zulfa	Koordinator Tata Kelola Layanan Penyelenggara Elektronik	Kominfo
Averio Nadhirianto	Staf Direktorat Ekonomi Digital	Kementerian Komunikasi dan Informatika
Bayu Eka Putra	Subkoordinator	Direktorat Standardisasi Kompetensi dan Program Pelatihan, Kemnaker RI
Dian Ratna Sari	Direktorat Tata Kelola Aplikasi Informatika	Kominfo
Dimas Agung Prasetyo	PIC Perumusan Standar Teknologi Informasi	Dit Standardisasi PPI Kominfo
Dr. Anto Satriyo Nugroho	Kepala Pusat Riset Kecerdasan Artifisial dan Keamanan Siber	Badan Riset dan Inovasi Nasional
Fajar Nugroho	Direktorat Tata Kelola Aplikasi Informatika	Kominfo
Faradina Vidyani	Analisis Pelayanan	Analisis Pelayanan
Fikhi Akbar	Analisis kebijakan ahli Madya	Kementerian Pemberdayaan Perempuan dan Perlindungan Anak
Hari Setiawan	Perekayasa Ahli Pertama	BRIN
hendri sasmita yuda	Analisis Kebijakan Madya	Pemerintah
Jonathan Octavianus	Analisis Perekonomian	Kemenko Bidang Perekonomian
Ketty Mustika Prasetianty	Analisis Kerja Sama Teknis Standardisasi	Badan Standardisasi Nasional (BSN)
Lenggo Geni Aulia	Pranata Humas Ahli Muda selaku Sub Koordinator Kelompok Substansi Kerja Sama Dalam Negeri	Badan Standardisasi Nasional (BSN)
Lucia Ika Susanti	Analisa STI	MCI
Menhariq Noor	Koordinator Pengelolaan Umum dan Manajemen	Kominfo



Nur Anis Hadiyati, ST, ME	Perekayasa Ahli Muda	Direktorat Perumusan Kebijakan Riset Teknologi Inovasi
Puji Lestari, ST.MT	Peneliti Ahli Muda Ilc	Badan Riset dan Inovasi Nasional
Putri Wahyuni Hamran	Direktorat Tata Kelola Aplikasi Informatika	Kominfo
Reviliyana Eka P	JFU Analis Sistem Informasi	Kementerian Kominfo
Yulya Aryani	Analisis Kebijakan Ahli Muda	Kemenko Perekonomian
Yuviana Lestari	Analisis Kerja Sama	Pusat Kelembagaan Internasional Kemenkominfo
Teguh Arifiyadi		Kominfo
Tashia Tariq		Kominfo
Vien Nazmi Fadhillah Putri		Kominfo
Jeremy Revadia Kristasurya		Kominfo