



REPORT
Training Personnel Daops Manggala Agni Aceh
Component 1 SUPA Pilot Site in Aceh
Hotel Tiara Meulaboh, Aceh Barat. 20 – 25 February 2023.



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TRAINING PERSONNEL DAOPS MANGGALA AGNI ACEH SUPA C1 PILOT SITE IN ACEH, ACEH BARAT AND NAGAN RAYA DISTRICT

I. Background

Sustainable Use of Peatland and Haze Mitigation in ASEAN/Strengthening Regional Experiences on Sustainable Peatland Management in ASEAN (SUPA/REPEAT) is a cooperation project between the Association of Southeast Asian Nations (ASEAN), the German Federal Ministry for Environment, Nature Conservation and Nuclear Safety (BMU) and the European Union (EU), implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH with the objective to strengthen the ASEAN Secretariat and the ASEAN Member States (AMS) implementing the ASEAN Peatland Management Strategy (APMS) and the National Action Plan on Peatlands (NAPPs) through capacity building and institutional framework along with tangible demonstration action on the ground, including strengthening regional cooperation through provision of technical and material support to regional institutions on sustainable peatland management (peatland governance). SUPA/REPEAT is co-financed by the BMU and EU.

Peat Ecosystems in Aceh are spread along the West Coast of Sumatra Island with a total area based on data contained in the Decree of the Minister of Environment and Forestry Number SK.130/Menlhk/Setjen/Pkl.0/2/2017 concerning the Determination of the National Peat Ecosystem Function Map, 338,164 Ha. Of the total area, 178,513 (53%) is designated with a protection function and 159,651 Ha (47%) with a cultivation function. The total area of 37 peat hydrological units or KHG in Aceh is less than 3.52% of the total KHG area in Sumatra.

In the context of space and policy, the Teunom - Arongan Peat Swamp area is outside the National Strategies Area (KSN) of the Leuser Ecosystem (KEL) and only 4,042.0 ha of the total area of 32,717.2 Ha is designated as a peat protected area in the Aceh RTRW. The Teunom - Arongan Swamp area is partly within the KPH-4 Aceh area and partly within the KPH-1 Aceh area. Almost the entire Trumon - Singkil Swamp area is under the management of the SM Rawa Singkil conservation FMU, which overlaps with the KPH-6 Aceh area. Most of the Kluet Swamp is within the Gunung Leuser National Park area, which is also within the KPH-6 Aceh area. The Tripa Swamp area is within KPH-5 Aceh and 11347.7 ha of the total area of more than 60,000.0 ha has been designated as a peat protected area in the Aceh RTRW. The Rawa Tripa Peat Ecosystem is entirely within the National Strategic Area (National Spatial Plan) of the Leuser Ecosystem and is one of 174 "World's Most Irreplaceable Places" according to a 2013 International Union for Conservation of Nature (IUCN) assessment.

The existence of Daops DALKARHUTLA or Manggala Agni in Aceh Province is very much needed considering the frequency of forest and land fires, especially in the peat area of the southwest coast of Aceh and every year Hot Spots in Aceh Province also experience a significant increase. Therefore, the Government of Aceh requested the Minister of Environment and Forestry of the Republic of Indonesia to immediately establish a Forest and Land Fire Control Operation Area (DALKARHUTLA) or Manggala Agni in Aceh Province, considering that all this time the support has come from Daops Sibolangit North Sumatra, which is almost 15 hours away from the location (Southwest Coast) and is very ineffective in emergency conditions. And the formed Manggala Agni Aceh is expected to have DALKARHUTLA qualifications in the Southwest area. Currently the formation process has begun to run, especially for the Daops DALKARHUTLA Headquarters

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Land has been facilitated by the Aceh Government through the Nagan Raya District Government and the construction of

the main infrastructure will later be carried out by the Ministry of LHK through the APBN. However, one more thing that must be fulfilled by the Aceh Government in the initial formation of the Aceh DALKARHUTLA Daops is the human resource capacity of the personnel who will later be placed in this Daops.

Therefore, DLHK Aceh through the SUPA/Repeat Aceh Pilot Area Project can support the Aceh Manggala Agni Daops Personnel Training activities to encourage the process of realizing the formation of the Aceh Manggala Agni Daops.

II. Objective

To provide theoretical and practical knowledge and skills in the context of controlling forest and land fires for personnel Daops Manggala Agni Aceh.

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III. IMPLEMENTATION

III.1. Date & Venue

The consultancy of the training is conducted for 6 (six) days on 20 – 25 February 2023 in Hotel Tiara Meulaboh, Aceh Barat District. Field practice activities are carried out in the scout field, Meulaboh, Aceh Barat District.

III.2. Participant

The participants the training Daops Manggala Agni Aceh Personnel are 30 participants with the following details:

1. 20 Participants from KPH IV Aceh.
2. 10 Participants from KPH V Aceh.

List of participants can be seen in annex 1.

III.3. Source Person (the Trainer)

the resource persons in this training were BPPI (Climate Change Control Center) Sumatera I Daops Manggala Agni Sibolangit.

List of participants can be seen in annex 2.

III.4. Training Material

Training materials for 6 days of activities (February 20-25, 2023) consisting of theory and practice are as follows:

1. Forest and land fire basics.
2. Ground Check Hotspot.
3. Forest and land fire prevention activities
4. Land and forest fire equipment.
5. Prevention patrol information system
6. Reporting system
7. Extinguishing technique

The training material can be seen in annex 3.

IV. TRAINING PERSONNEL MANGGALA AGNI DAOPS ACEH

IV.1. Day-1 20 February 2023

Activities on the first day were carried out with the opening of the training. It started with singing the song Indonesia Raya, then a speech from the SUPA GIZ Technical Project by Tommy Mulyadi. After that, a speech from the Head of Manggala Agni Daops Sumatera 1 Sibolangit by Irwan A. Sitanggang. Then the event continued with remarks from DLHK Aceh represented by Rikky Mulyawan. In his remarks, it was stated that the average area of forest and burned land is $\pm 1,500$ ha/year in Aceh Province, where land fires are dominated by peatlands and mineral soils that are burdened with permits and rights. Aceh government has requested support from the Ministry of Environment and Forestry to establish Daops Manggala Agni in Aceh to improve the effectiveness of forest and land fire control and reduce the risk of haze disasters in Aceh. The opening ceremony was continued with the opening by the head of the PPIKHL Center in his speech strongly supporting the existence of Manggala Agni Aceh that to prevent slowness in handling forest fires. After opening rest and meal.

After the break and lunch, it was continued with the forest and land fire control policy

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material delivered by Irwan A. Sitanggang. The second material on forest and land fire prevention by Samidi. After that, at 21.00 Wib, the participants conducted a Focus Group Discussion (FGD) of the material that had been given.

IV.2. Day-2 21 February 2023

Activities on the 2nd day of training begin with morning exercise and then breakfast, after which the participants enter the hall to continue the first material The basics of the fire presented by coach Rusman Hutabarat and also divided two (2) groups After the lunch break continued with the material. Forest and Land Fire control equipment delivered by Samuel Sitanggang, after that at 21.00 Wib the participants conducted a Focus Group Discussion (FGD) of the material that had been given.

IV.3 Day-3 22 February 2023

Activities on the 3rd day of training began with the morning fun followed by breakfast, and then the theory of the SIIP Reporting System (Prevention Patrol Information System) delivered by Anto Barus After lunch break continued with the second material was Ground check Hotspot. After finishing, the speaker explained the technical explanation to conduct field practice on the fourth and sixth days by Benny and Sentosa. After that, at 21.00 Wib, the participants conducted a Focus Group Discussion (FGD) of the material that had been given.

IV.4 Day-4 23 February 2023

Implementation of the training on the 4th day began with sports and after that the participants took a break and breakfast and personal activities the participants went to the field to the field the participants did apples and continued with the practice of hose gymnastics carried out by the instructor then Practice the title role hose (4 types) After lunch and rest continued with the practice of making the hands of the hands of the Participants. After that the participants returned to the hotel.

IV.5. Day-5 24 February 2023

The implementation of the training on the 5th day began with exercise and after that the participants took a break and breakfast and the personal activities of the participants went to the field to the field the participants did Apples and continued with the dry extinguishing simulation practice by the Instructor After lunch break followed by continued practice dry blackout, the participants carried out the closing of the Practice and continued by returning to the hotel.

IV.6. Day-6 25 February 2023

The implementation of the training on the 6th day began with sports and after that the participants rested and ate as well as the personal activities of the participants went to the field to the field the participants did Apples and continued with a simulation of wet blackout by the Instructor and After the simulation was completed the participants returned to the hotel. Furthermore, it was carried out with the closing of the event and closed directly by representatives of DLHK Aceh,

V. SIMULATION TRAINING PERSONNEL MANGGALA AGNI DAOPS ACEH

1. Introduction of equipment and functions of tools and Forest Fire Suppression.
2. Extinguisher (Introduction, how to use, types of hand equipment ,mechanical equipment, and dew capacity 5000 liters)
3. Participants immediately use Jet Shooter in the field.

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4. Simulation of Forest and Wildfire suppression techniques (Each group)
5. Forest and Fire Suppression Techniques (in the form of two extinguishing squads, simulating finding fire points, simulating extinguishing, and handling post-forest and land fires)

VI. EVALUATION

- i. Participants already know forest and land fire control techniques Participants are familiar with forest and land fire control tools Participants have simulated forest and land fire control.
- ii. Key indicators During the implementation of as many as 30 participants attended Participants knew well the material presented, this was measured by interactivity during the learning process.
- iii. Participants have had the opportunity to use fire extinguishers and have conducted simulations directly in the field.

VII. CONCLUSION

Conclusion the implementation of personnel training Daops Manggala Agni Aceh has been successfully implemented. This is indicated by the achievement of the objectives of the activity. Participants have knowledge and practices of forest and land fire control. Suggestions (suggestions Based on input from participants, DLHK Aceh, and trainers, follow-up of events and interesting issues according to the event It is necessary to form a Fire Care Society (MPA) in 10 priority villages that care about peat and training continues to be more expert in forest and land fire problems. Procurement of forest and land fire equipment. Improvement of human resources, requiring advanced training with more allocation for exercises.

VIII. REFERENCES

GIZ 2022, Terms of Reference for Training Personnel Daops Manggala Agni Aceh.
Basic Level Forest and Land Fire Control for the Parties

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