



WORKSHOP

Kajian Kelayakan Investasi Pembangunan Industri Wood Pellet di Sumatera Utara

ITTO Project PD 737/14 Rev. 2 (I)

**Hotel Santika
Jakarta, 2 September 2019**

I. Project Identities

Project number	: PD 737/14 Rev.2 (I)
Project title	: Developing Supply Capacity of Wood-Based Biomass Energy through Improved Enabling Conditions and Efficient Utilization of Degraded Forest Lands involving Local Communities in North Sumatra Province of Indonesia
Executing Agency	: Directorate of Production Forest Business Management (UHP) of DG PHPL
Collaborating Agency	: Indonesian Sawmill & Woodworking Association (ISWA)
Starting date	1 October 2017
Duration	48 months

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II. Project Design

a. Development Objective

To increase contribution of the forest sector to renewable energy supply and regional economic development through increased supply of wood-based biomass energy

b. Specific Objective

To improve enabling conditions for building up capacity to supply wood-based biomass energy in North Sumatera region

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c. Outputs

Output 1: Development of sustainable supply of energy wood initiated

Output 2: Skillful manpower for development of wood-based biomass energy available

Output 3: Investment in wood-based energy industry development promoted

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d. Activities

Output 1

Development of sustainable supply of energy wood initiated

Activity 1.1: To identify available suitable lands for development of energy forests in North Sumatra province

Activity 1.2: To identify suitable and available lands for energy forest development in 3 FMUs

Activity 1.3: To establish energy forest models for purpose of demonstration and training

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Activity 1.4: To provide estimates of sustainable supply potential of wood from energy forests established on degraded forest lands

Activity 1.5: To assess long-term supply potential of energy wood from non-forest sources

Output 2

Skillful manpower for development of wood-based biomass energy available

Activity 2.1 To conduct dialogue with local communities on benefits of energy forest development

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Activity 2.2: To train local communities on technical skills for energy forest development

Activity 2.3: To train local communities on cooperative management to support energy wood business development

Activity 2.4: To conduct comparative studies on wood-based energy industry development

Activity 2.5: To develop technical manuals on energy forest development for 3 tree species planted

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Output 3

Investment in wood-based energy industry development promoted

Activity 3.1: To disseminate information on technology and market for wood-based energy through website and other means

Activity 3.2: To organize one national workshop on wood-based energy development in Pematang Siantar

Activity 3.3: To examine caloric properties of 3 energy wood species planted

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Activity 3.4: To conduct a feasibility study on investment in commercial manufacturing of wood- based energy (electricity or wood pellet)

Activity 3.5: To review existing policy on wood biomass-based energy development in view of promoting investment

Activity 3.6: To form and operate a consultation forum on renewable energy for enhancing communication and coordination between stakeholders

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III. Closing Remarks

1. **Workshop hari ini adalah bagian dari Activity 3.4: To conduct a feasibility study on investment in commercial manufacturing of wood- based energy (electricity or wood pellet)**
2. **Dengan menyebarkan hasil - hasil studi kelayakan ini diharapkan akan mendorong minat investasi oleh BUMNS dan BUMN**
3. **Target proyek: paling tidak ada 2 perusahaan yang menyatakan minat atau memutuskan untuk melakukan investasi dalam pembangunan industry wood pellet di Sumatera Utara sebelum proyek berakhir (September 2021).**

Thank You !

