

Hong-Seok Choi / Project Engineer · Business Coordinator

Next Generation Energy Project Development Department Carbon Neutral Business Division



Contents



1. Comprehensive Geothermal Utilization by TOYO

- Overview of Comprehensive Geothermal Utilization
- TOYO's active collaboration with Indonesian geothermal shareholders to prove the new technologies and approaches

2. PT. INTI KARYA PERSADA TEHNIK

Who is the renewable energy plant EPC specialist in TOYO group in Indonesia.

1. Comprehensive Geothermal Utilization by TOYO Green fuel **Overview of Comprehensive Geothermal Utilization** <Geothermal Carbon Neutral Park> Surface Flash steam Methanol facilities power generation H_2 Overall Binary power planning generation Value add (Optimization) Direct use Value add Direct use **Minerals** Metals for agriculture, hot **Extraction** spring, etc. Drilling/ ----Workover Scale prevention & **Exploration** Monitoring Subsurface modeling **Production** Injection management well well **Fiber** Reservoir monitoring characterization Closed loop system, planning and simulation Descaling Reservoir simulation **Fracturing**

Collaborations with Indonesian Geothermal Shareholders



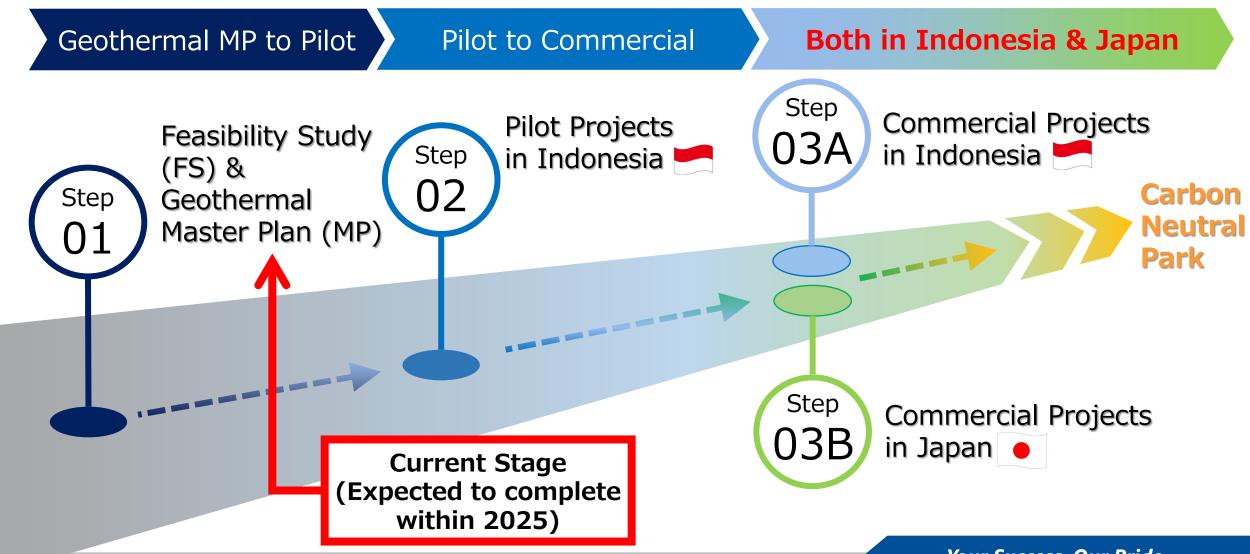
TOYO is actively collaborating with Indonesian geothermal shareholders

Partners	Agreements	From	Current Status
	Memorandum of Understanding (MOU) with GeoDipa Energi on Joint Study on Full-Scale Geothermal Utilization	Sep. 2023	Study ongoingDiscussion on future pilot project
MINOMARDIN OF UNDESTRAINS ONE STOLEN OF CORPORATION A MESCO OF CORPORATION AND CO	Memorandum of Understanding (MOU) with Medco Power on Joint Study on Opportunities of Developing Full Potential of Geothermal	Fed. 2024	Study ongoing
AZEC mmunity	Letter of Intent (LoI) with BBSP EBTKE on Joint Study on Geothermal Master Plan Development	Aug. 2024	 Study ongoing Aim to develop Geothermal Master Plan and Road Map

TOYO's future roadmap for Comprehensive Geothermal Utilization



Master plan, pilot test and commercialization, in Indonesia and Japan



Contents



1. Comprehensive Geothermal Utilization by TOYO

- Overview of Comprehensive Geothermal Utilization
- TOYO's active collaboration with Indonesian geothermal shareholders to prove the new technologies and approaches

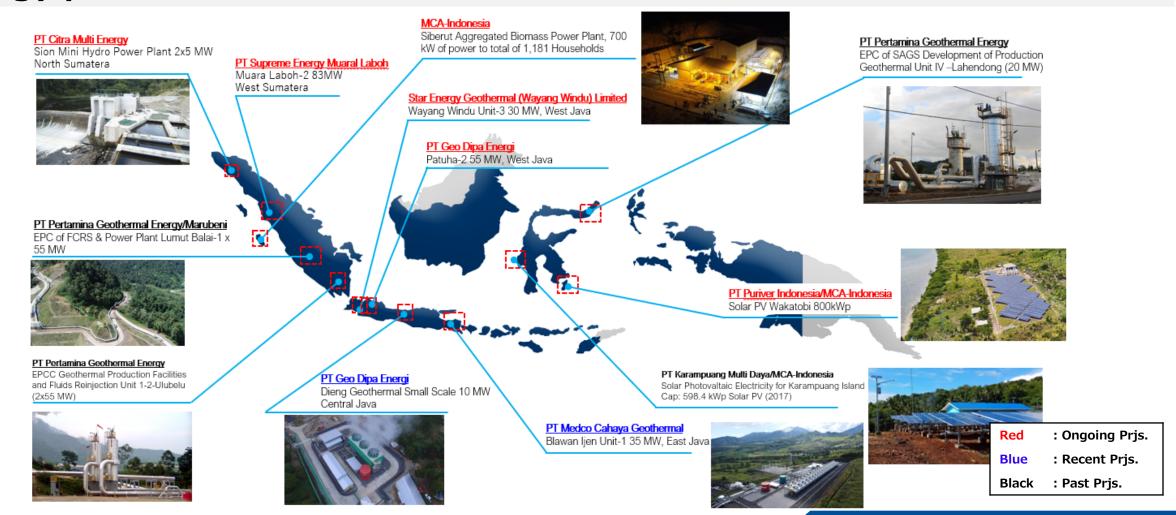
2. PT. INTI KARYA PERSADA TEHNIK

Who is the renewable energy plant EPC specialist in TOYO group in Indonesia.

IKPT, the specialist of renewable energy in Indonesia



IKPT(PT INTI KARYA PERSADA TEHNIK)'s track records in renewable energy plant EPC



Summary:

TOYO envisions a carbon-neutral future through:

- **♦** Innovative technologies and approaches developed by Japanese company and demonstrated in real-field application.
- Active collaboration with Indonesian
 Geothermal shareholders.
- Connection with IKPT the renewable energy specialist.

