

Solar Panel PV Project

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DATACENTER

**GREEN ECO-SUSTAINABLE
DATACENTER NEAR JAKARTA**





Datacenter needs to be sustainable



Datacenter use a lot of Power and Water

- IT Load to power servers / computers
- Cooling
- Typical PUE at tropical area at 1.4 – 2.0

Reduce power by efficiency

- New cooling technology
- Improve datacenter design

Use renewable energy

- Large consumption of electricity

Impact

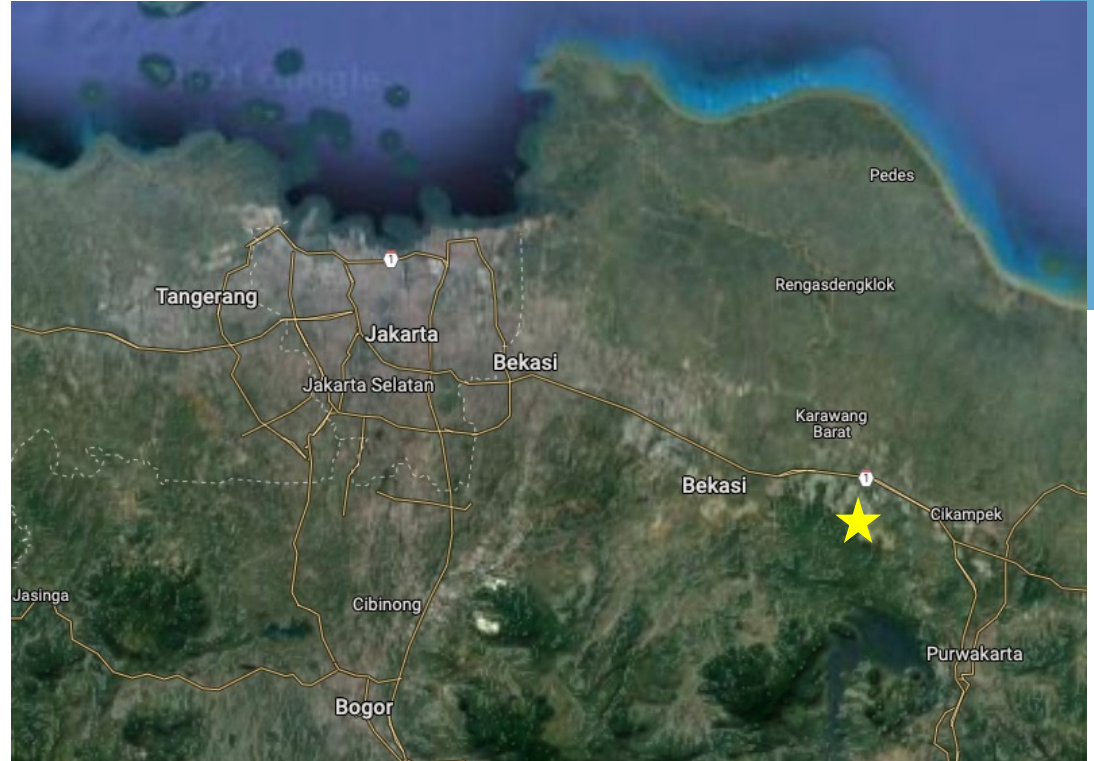
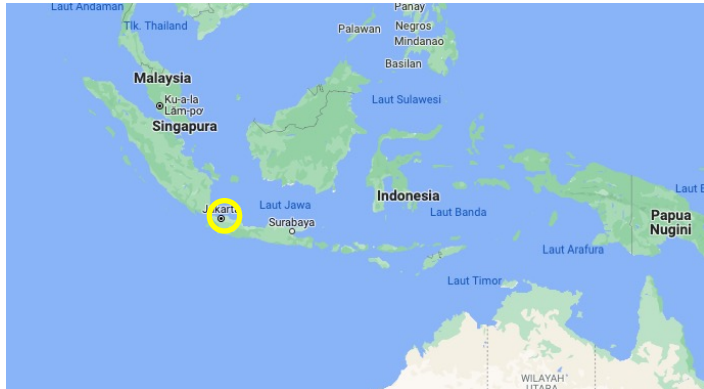
- Reduce carbon footprint significantly
- Lead the movement of sustainable energy



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LOCATION

- About 47 km east of Jakarta, Indonesia
- Hot all year long, daytime range 28-44 C
- Good candidate for Solar Panel power
- Not suitable for Wind and Hydro power

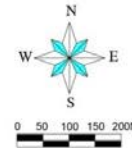
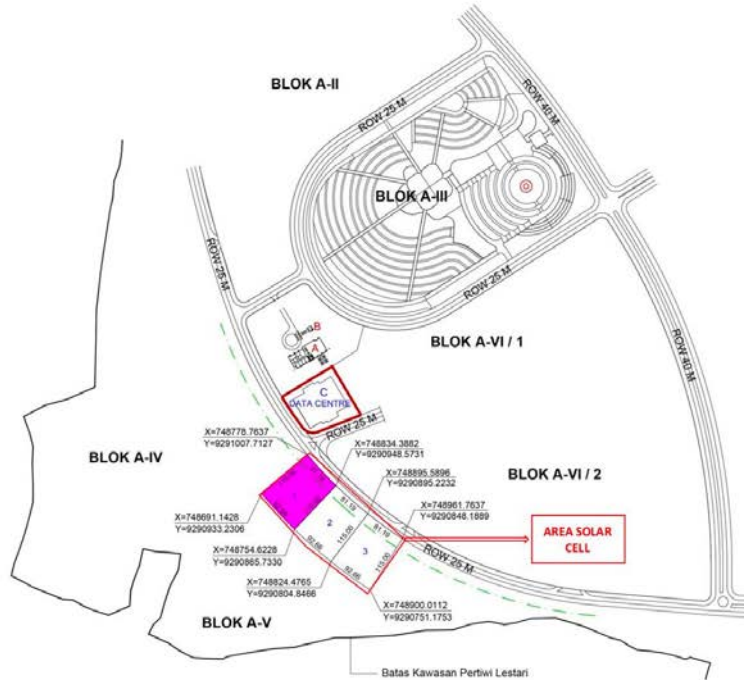




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Solar Panel PV Land preparation

KORDINAT
KAVELING - SOLAR PANEL
LUAS = 30,000 M2



Land preparation completion target:
December 2021



Photo taken 24 August 2021



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Phase 1 Datacenter Project



VIEWPOINT

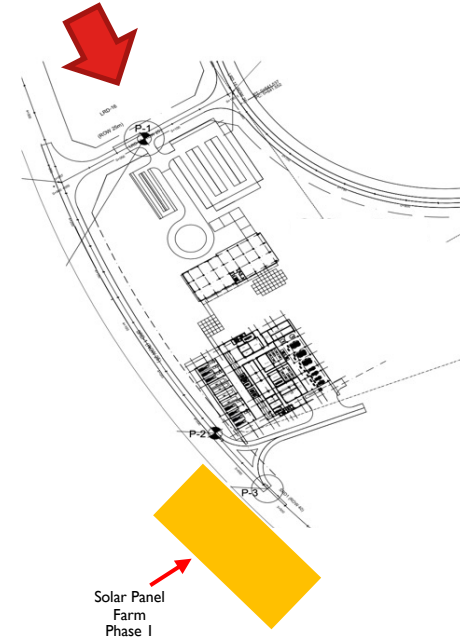


Photo taken 2 Sept 2021



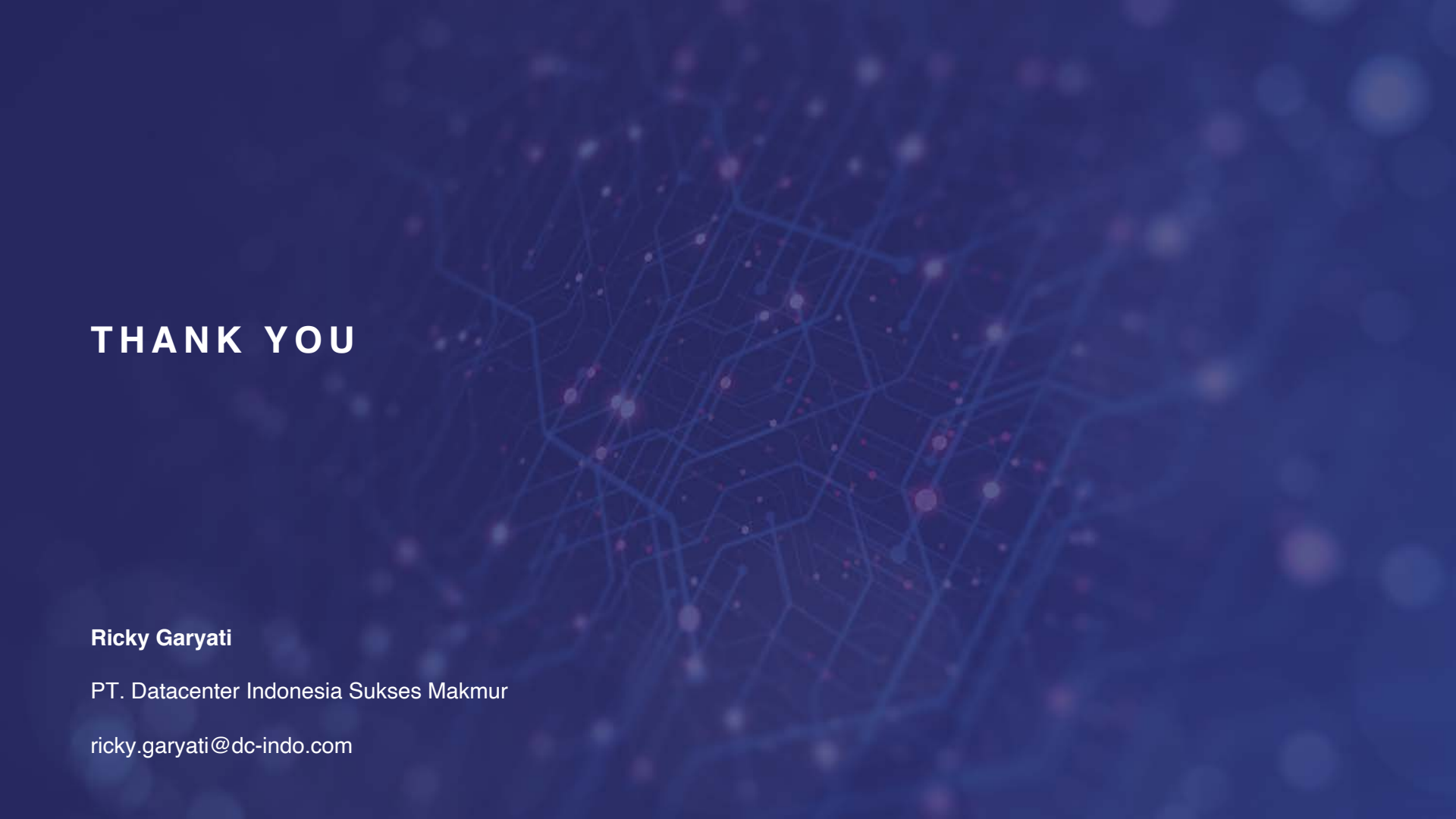
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CHALLENGES

- Battery price
- Regulation and tax
- Power provider license – cost and scale

Ground Mounted





THANK YOU

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