PT JAWA POWER
environmentally friendly and efficient

- Location: Paiton, Probolinggo, East Java
- Capacity: 2 x 610 Mwnet
- COD: 4 November 2000
- EPC Siemens
- 4 Mio tons of coal p.a.
- Avg > 90% availability since 2000
- Shareholders: Siemens (50%) YTL & Marubeni (35%)
  PT Bumipertiwi (15%)

PROPER KLHK: 2 Gold & 11 Green Awards
A steam fired powerplant is high tech, 130 years of optimization for efficient and effective power generation at the highest possible environmental standards!
Digitalization is a key enabler of energy transition
Digital Angles for a Coal fired Power plant

- **Digital Control Systems** for Coal plant, water cycle, turbine and generator for operation, analytics and **prescriptive** maintenance

- **Asset management software**, finance software plus payment integration for seamless processes, controlling, planning and reporting

- **HR and Admin processes**, cloud computing, archiving, security for paperless office at highest security levels
The future is to continue to digitalize the plant and analyse in Mindsphere to get increased diagnostics and analytics.
Challenges of the digital journey

Technology not yet ready, too many permutations of technical issues.

Integration of software in reality not so easy, Change Management issues as well

Change Management challenges
Output and benefits of Jawa Power Digital Journey today and tomorrow

- **Availability & Reliability, Secure Knowledge, De-risk**

- Near paperless process at higher controls and security, reduced cost, increase market outreach, reallocate resources

- Near paperless process at higher controls and security, user-friendly, time reduced, cost reduction, job enhancement

Panel Discussion - Digitalize Indonesia, Jakarta, 31/10/19