



# Renewable Energy SaaS Company

DIGITISED ENERGY

# We Are...

- a 'FITBIT' for Renewable Power Projects
  - We measure & record its various pulses
- We use data analytics & ML to diagnose & recommend corrective actions
- We improve the project generation, project life and revenues



# The Problem

Improving profitability of Operating Renewable Energy Projects

**Operating RE power plants can improve by**

Increasing generation  
by ~10%

Improving machine  
reliability ~10% - 30%

# The Solution

Digitised Energy identifies potential improvements using plant data

**We Operate Renewable Projects digitally for our customers;**



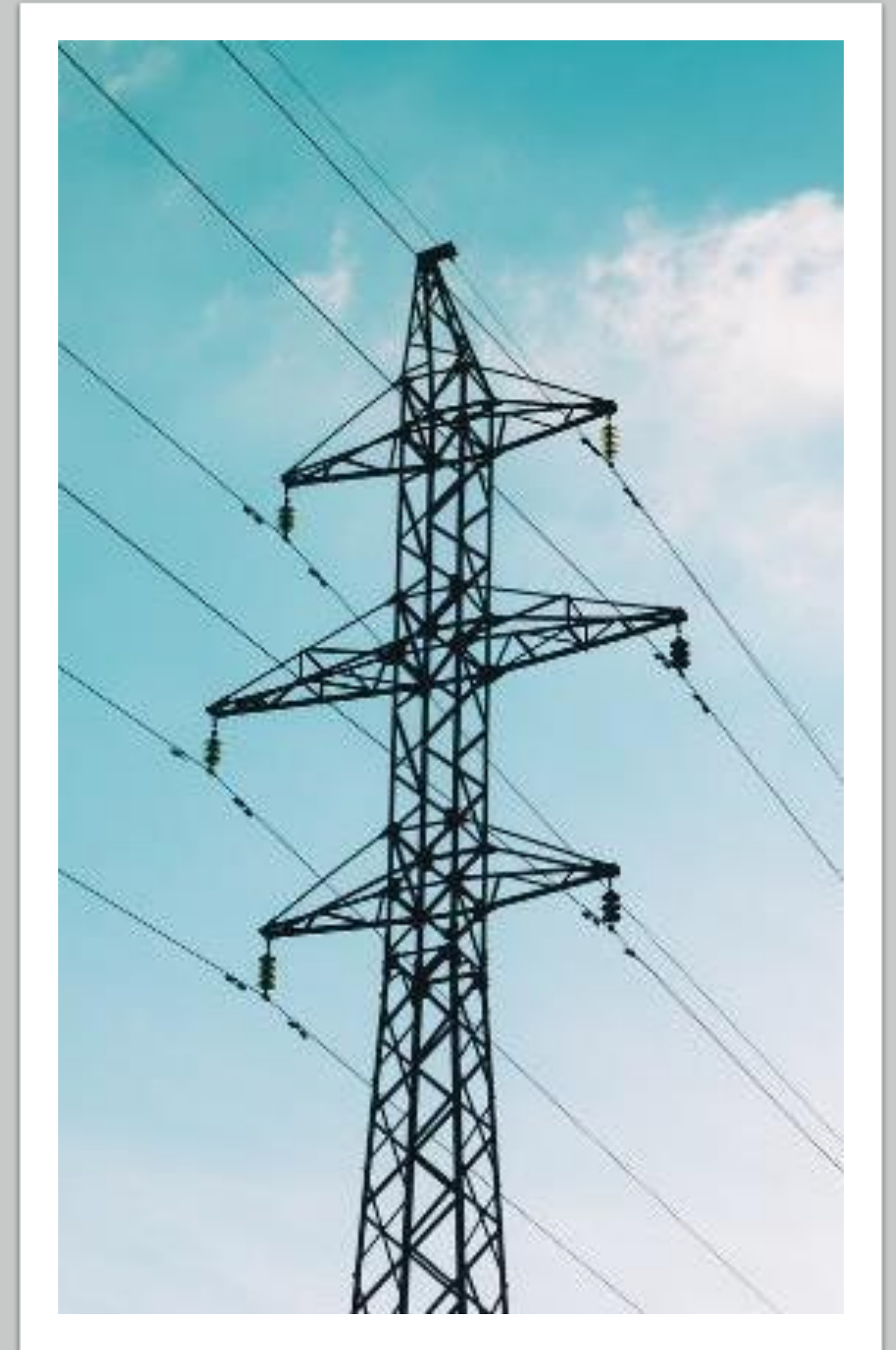
COLLECT all relevant data from the operating project



TAKE DECISIONS to improve operating metrics  
(e.g. generation, losses, expense, etc.)



COMMUNICATE steps end to end to customers



# Why Now



- Global commitment to Energy Transition
  - Increase from ~1400 GW in 2020 to 3200 GW by 2030
- COP26 doubles the above commitment
- Significant capacity in operations world-wide
  - vis-à-vis capacity under construction & development

# Impact: Benefits to various stake holders

## UNEP says Digitalization key to integrating renewables into electricity systems

- Improving the reliability
- Reducing the cost of access to electricity
- Therefore leading to a more equitable energy transition



- Greater generation of power plants
- Lower O&M Costs
- Lower Network Losses



- Life extension of Power Plant
- Life Extension of Network Equipment

# Product Impact

**Realised ~1-2%**  
improvement  
in overall farm  
performance



## Soiling Loss Optimization

Could decrease soiling by around 0.5% generation



## Dynamic Inverter Load Balancing

Could lead to around 0.5% increased generation



## Inverter fault detection

Improve around 0.1%-0.2% generation



## O&M sync for Field Force

Executes improvement & PM schedules for plant