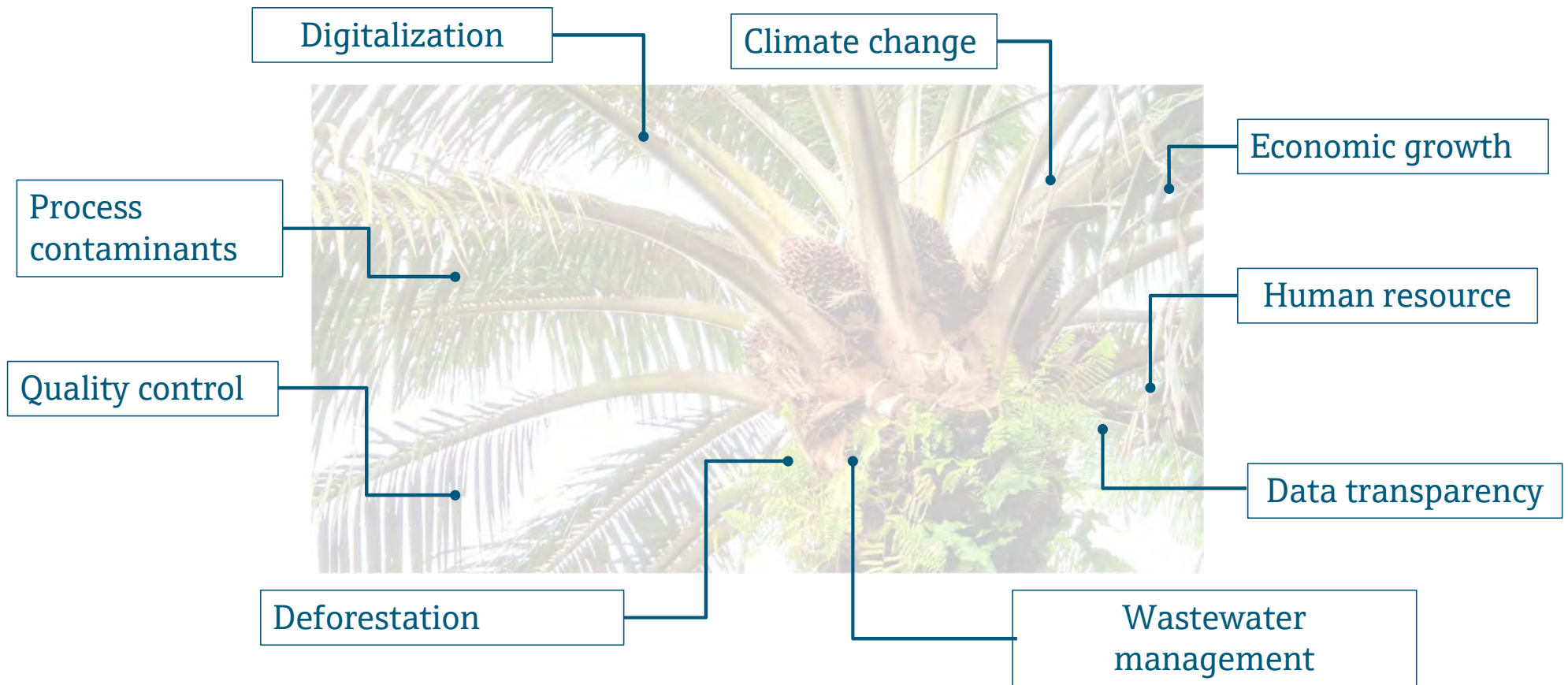


## Digitalization towards Palm Oil Sustainability and Resilience

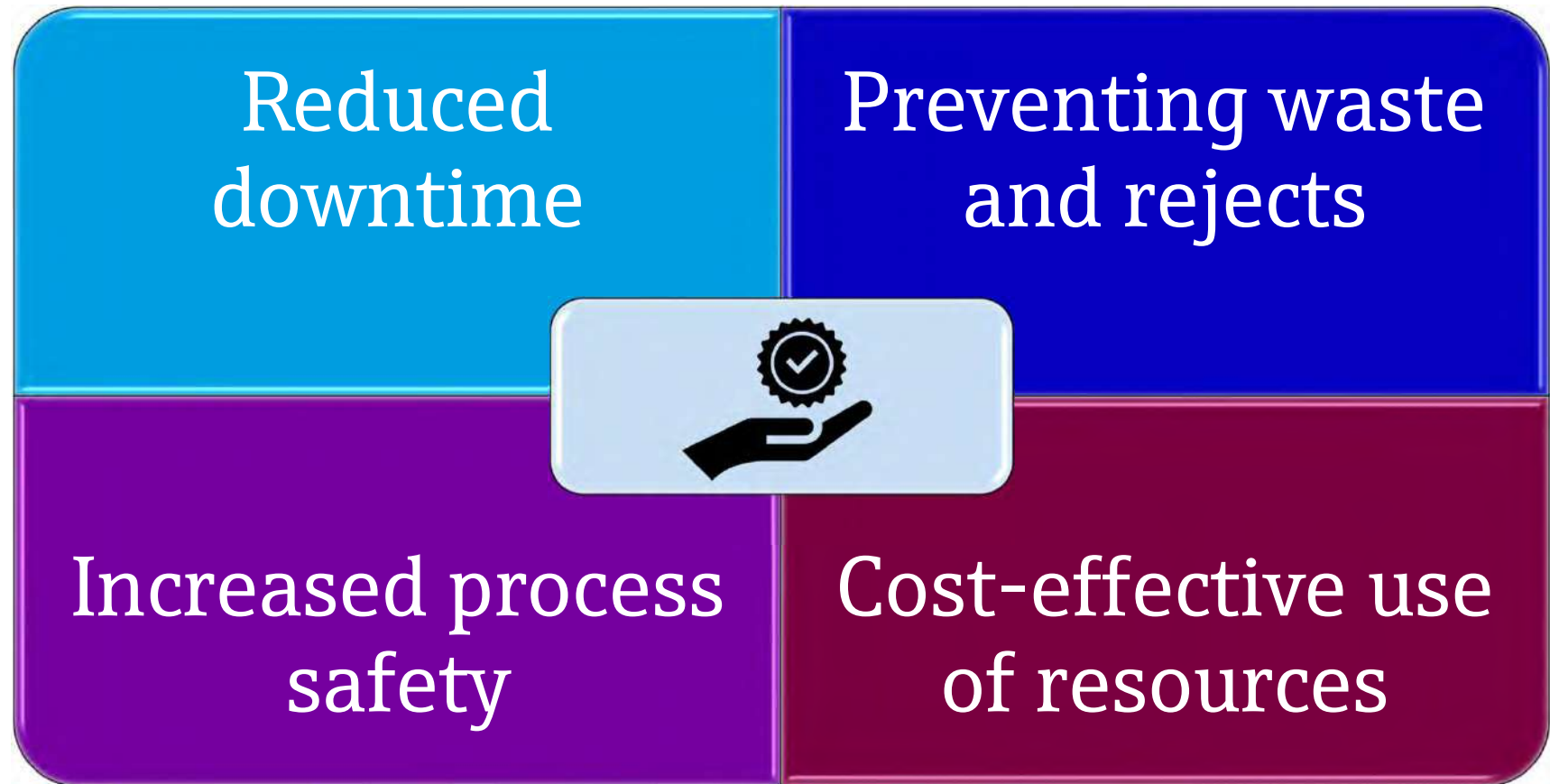
Optimize and automate your business networks anywhere, anytime



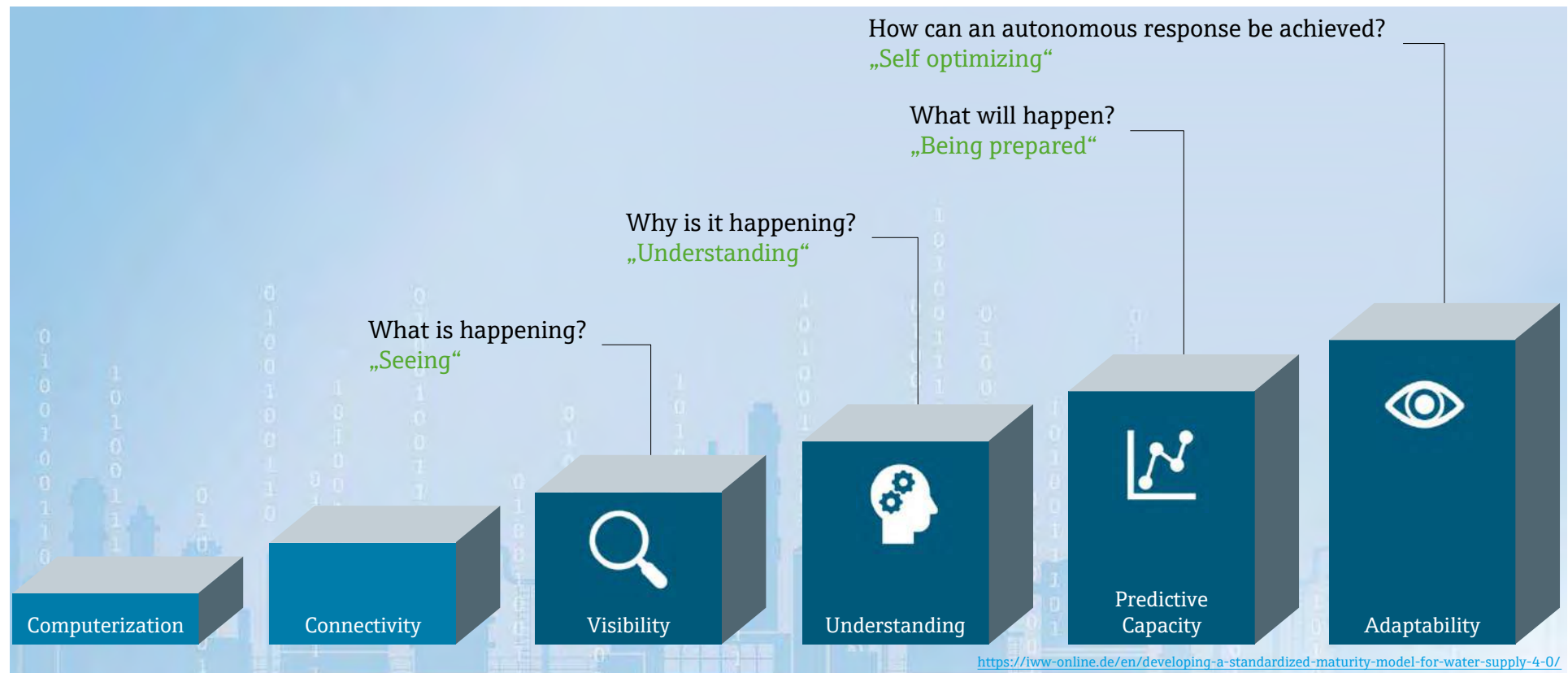
## Palm Oil Industry Hot Spots and Challenges



## Values towards Digitalisation



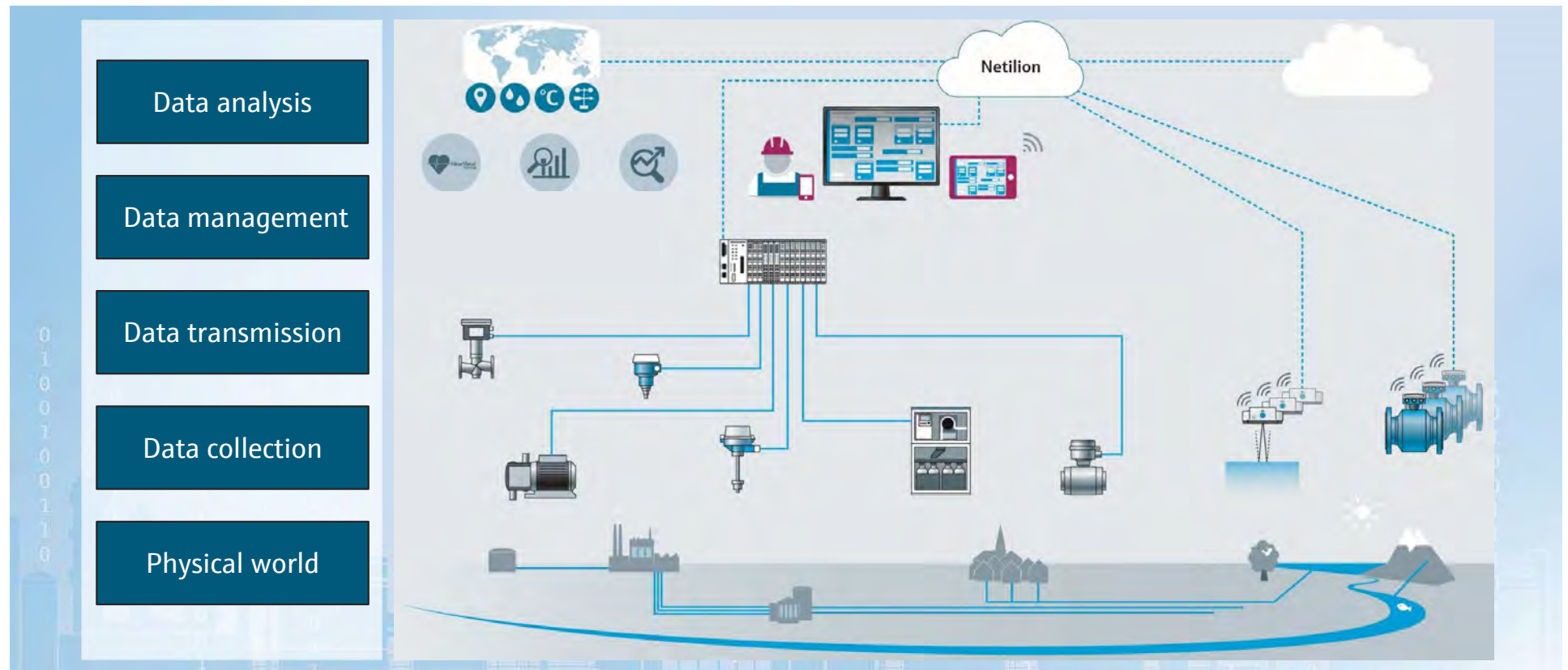
## Digital Maturity Model



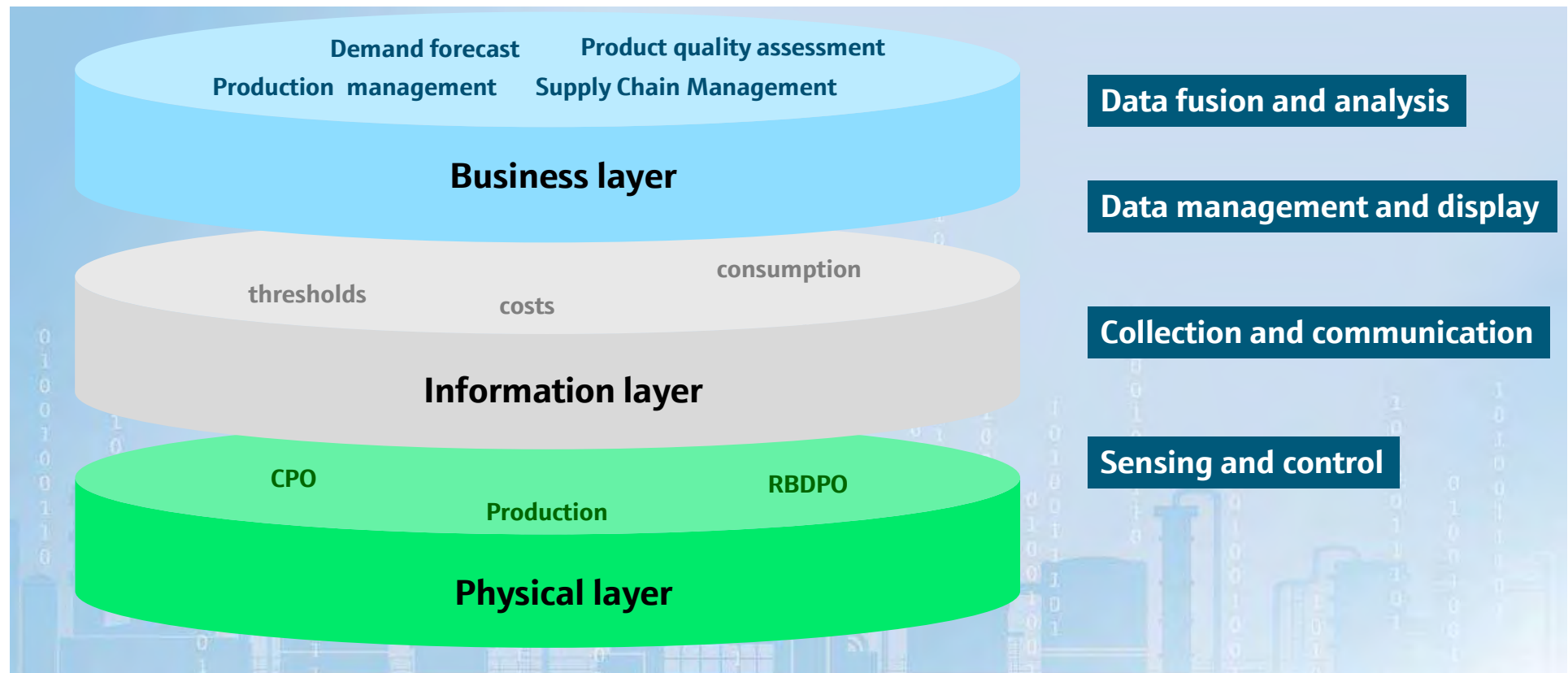
## Producing Data



## Enhanced Data Transparency through Digitalisation



## Digitalized Management Outlook



## Digital Service - Management, Visualization and Analysis



### Web-based Monitoring

SCADA visualization, dashboards, data trending, reporting, alarms, notifications, ...



### Data Integration and Data Fusion

E+H and all third-party field devices and services



### Flexible, Scalable and Intuitive

Optimized for diverse end devices, touch interface supported



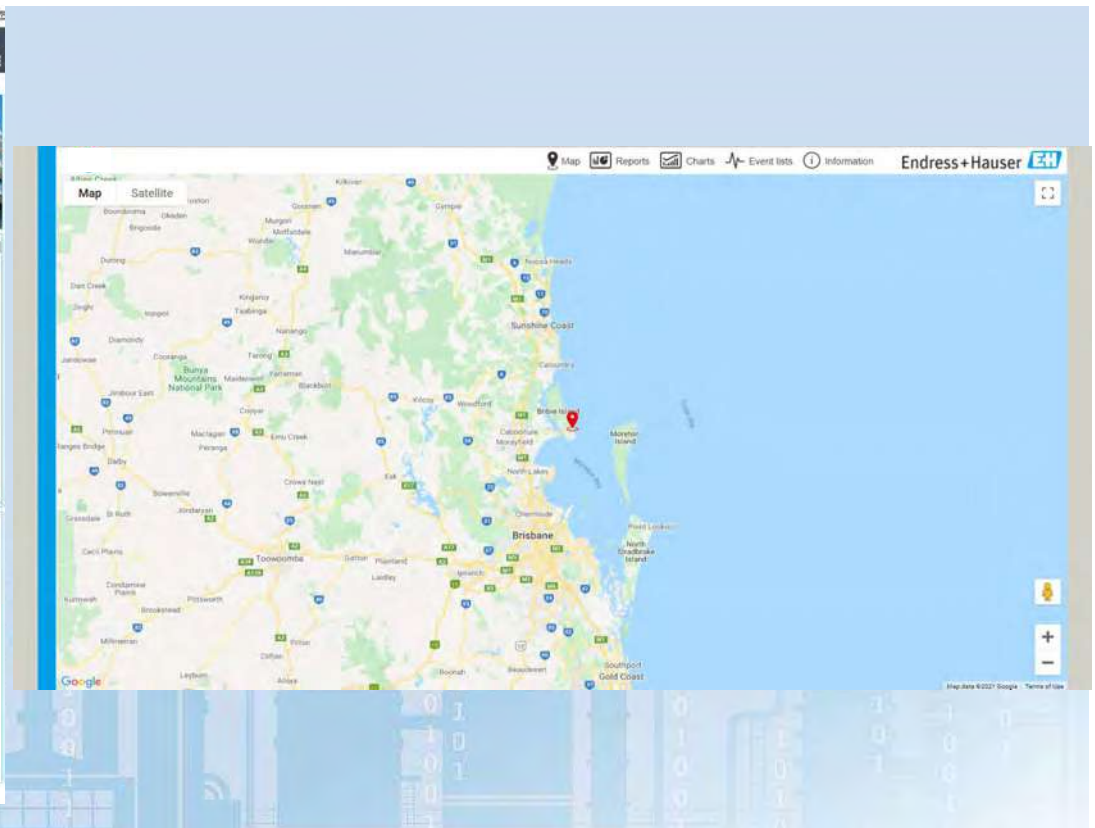
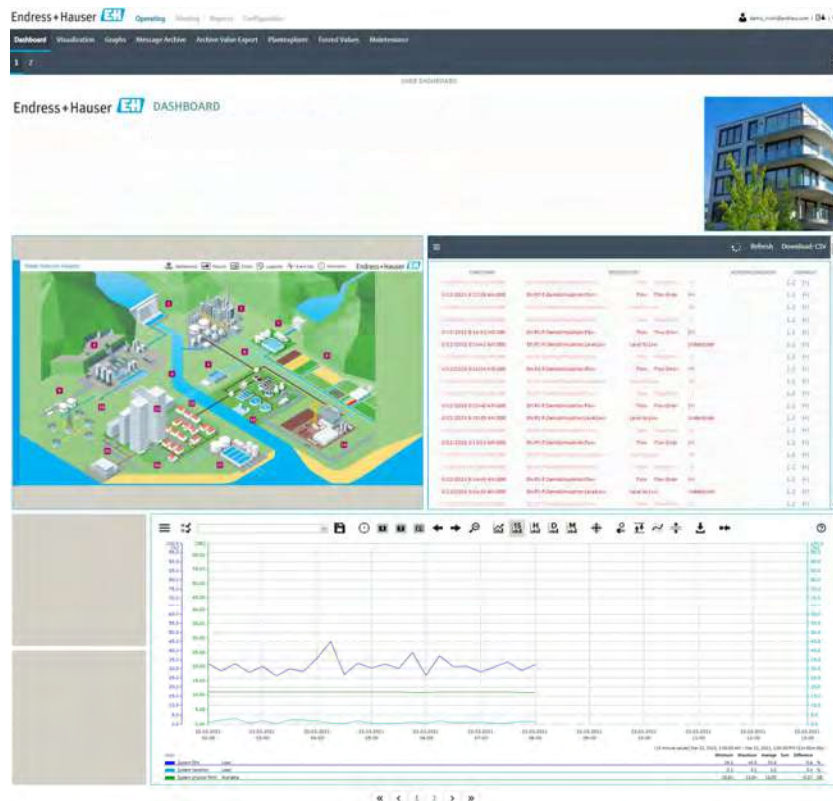
### Cloud-based flowmeter verification

Trigger, view and export reports

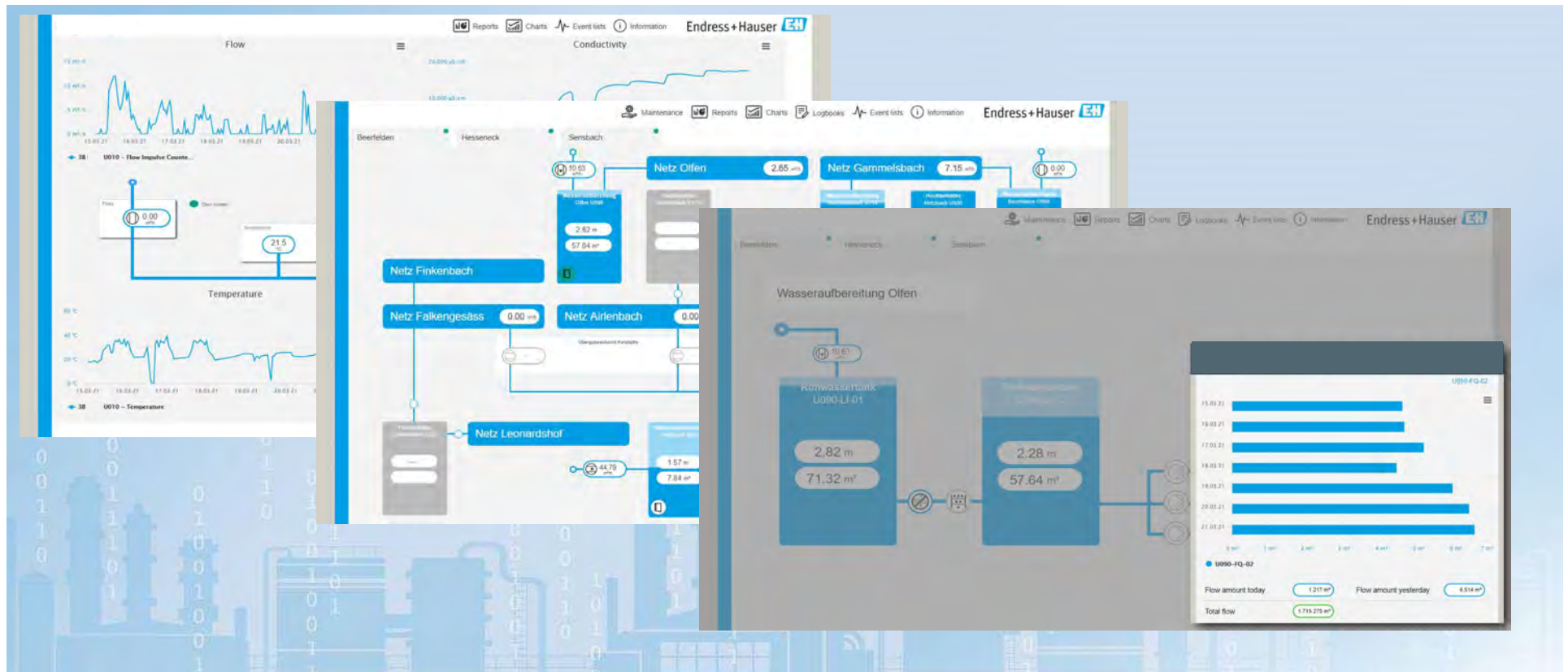


Digitalization towards Palm Oil Sustainability and Resilience

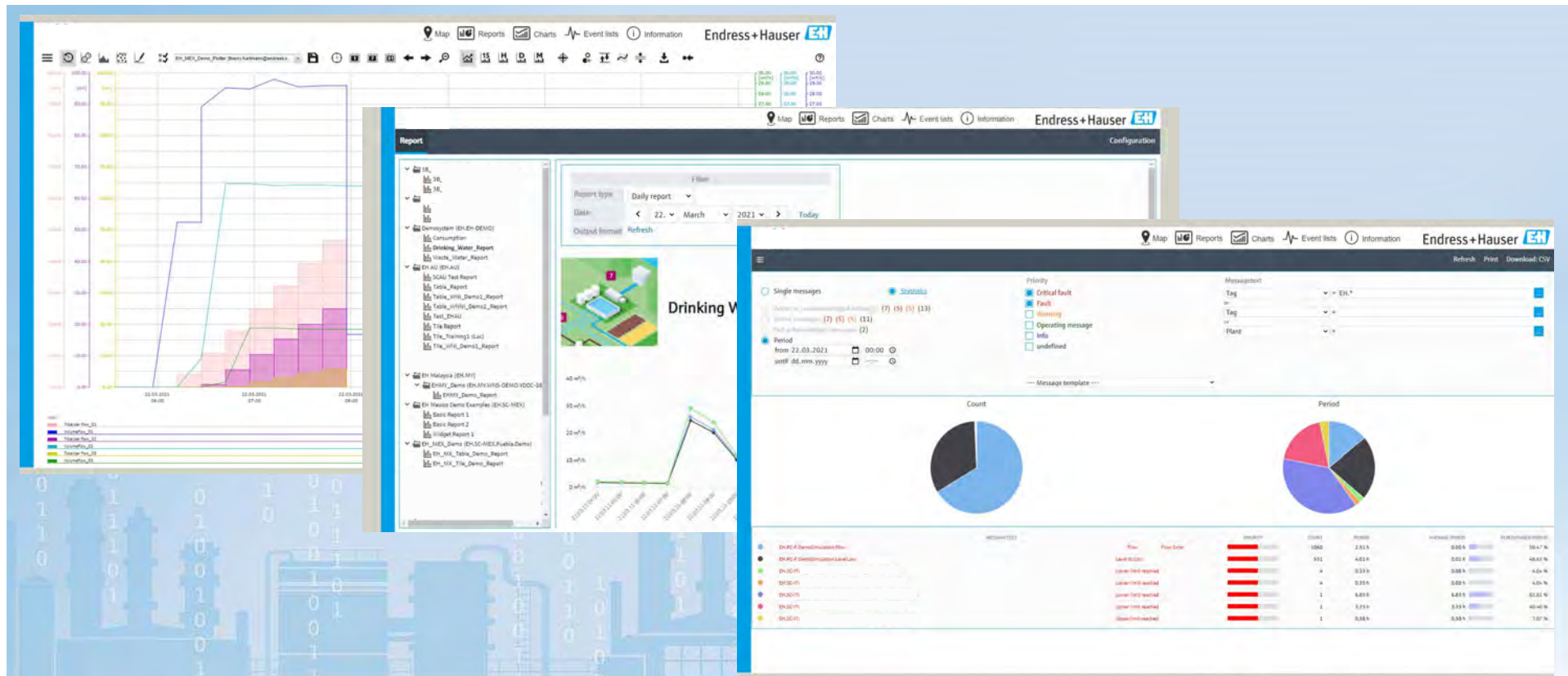
## Digital Service – Dashboard and Map View



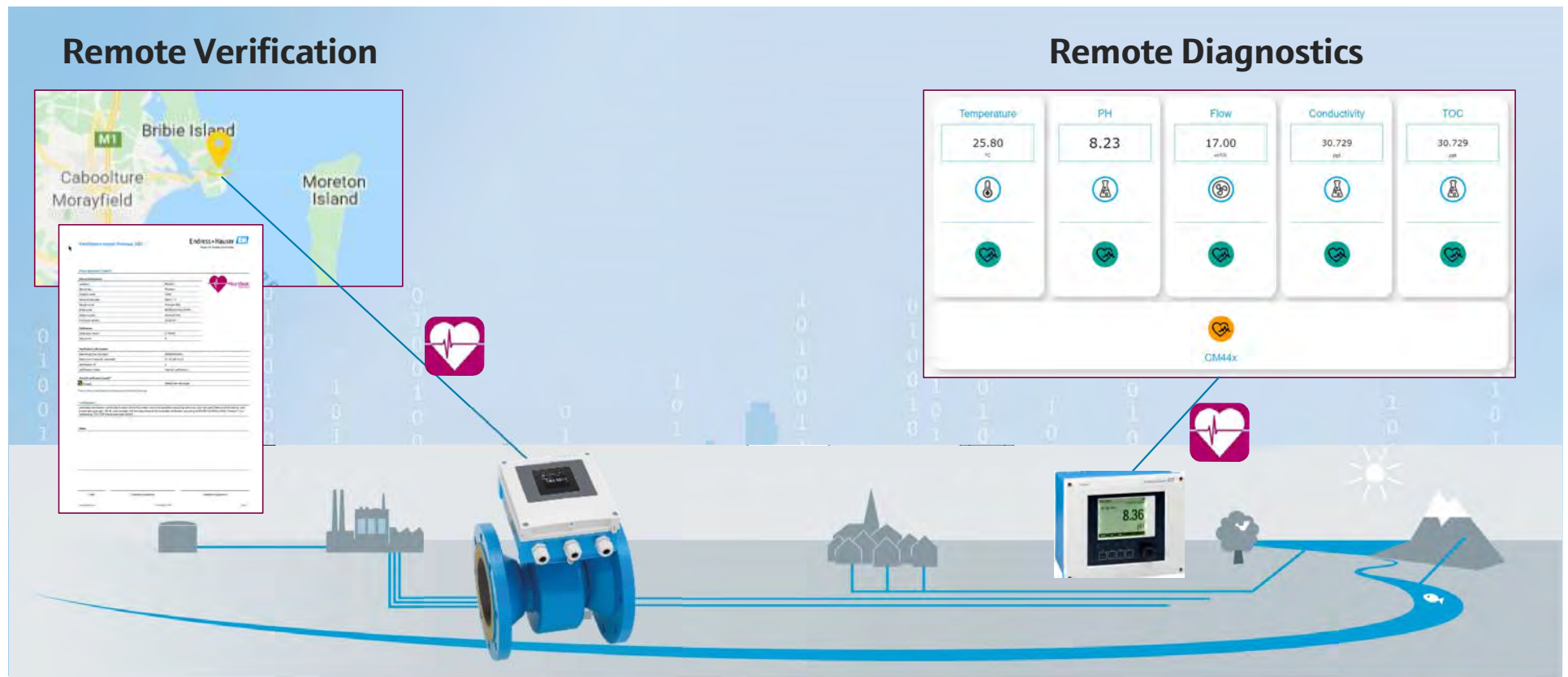
## Digital Service – PID Design View



## Digital Service – Chart and Reports



## Enable Operational Reliability Remotely with Cloud Services



## Critical Parameter Monitoring in Remote Regions



**Customer Challenges**

- Geographically distributed infrastructure
- Reliance on labour
- Decision making with manual data

**Scope of Customer Solution**

- Instrumentation: Flow, level, temperature
- Digital Services: Visualization, reports, graphs, warning, alarm
- Datalogger with connectivity via 2G of the edge device

## Remote Effluent Monitoring Ensures Compliance



### Customer Challenges

- Changes in regulations (DOE, RSPO)
- Reduce carbon footprint
- Insufficient transparency and varying degrees of pollution

### Scope of Customer Solution

- Instrumentation: Flow, pressure, pH, conductivity, temperature
- Digital Services : Visualization, reports, graphs, warning, alarm

*Let the journey begins!*



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