

# Disruptive Technologies and Innovation for Utilities

**Speaker :** *Mirco Kildani,*  
*Head of Global Commercial Support, Gridspertise*

# GRID DIGITALIZATION

Smart Meters

Loss reduction

Quality and resilience



gridspertise  
accelerating your electric future



## Human interface

Remote assistance

Wearables

Control room of the future

Augmented and mixed reality

Virtual Reality

## Artificial Intelligence

Automated network modeling

Predictive maintenance

Anomaly detection

Simulation

## Dynamic device and sensor data

Dynamic data from smart network devices  
including Smart Meters

IoT and sensors

End-to-end digital work flows

## Foundation layer

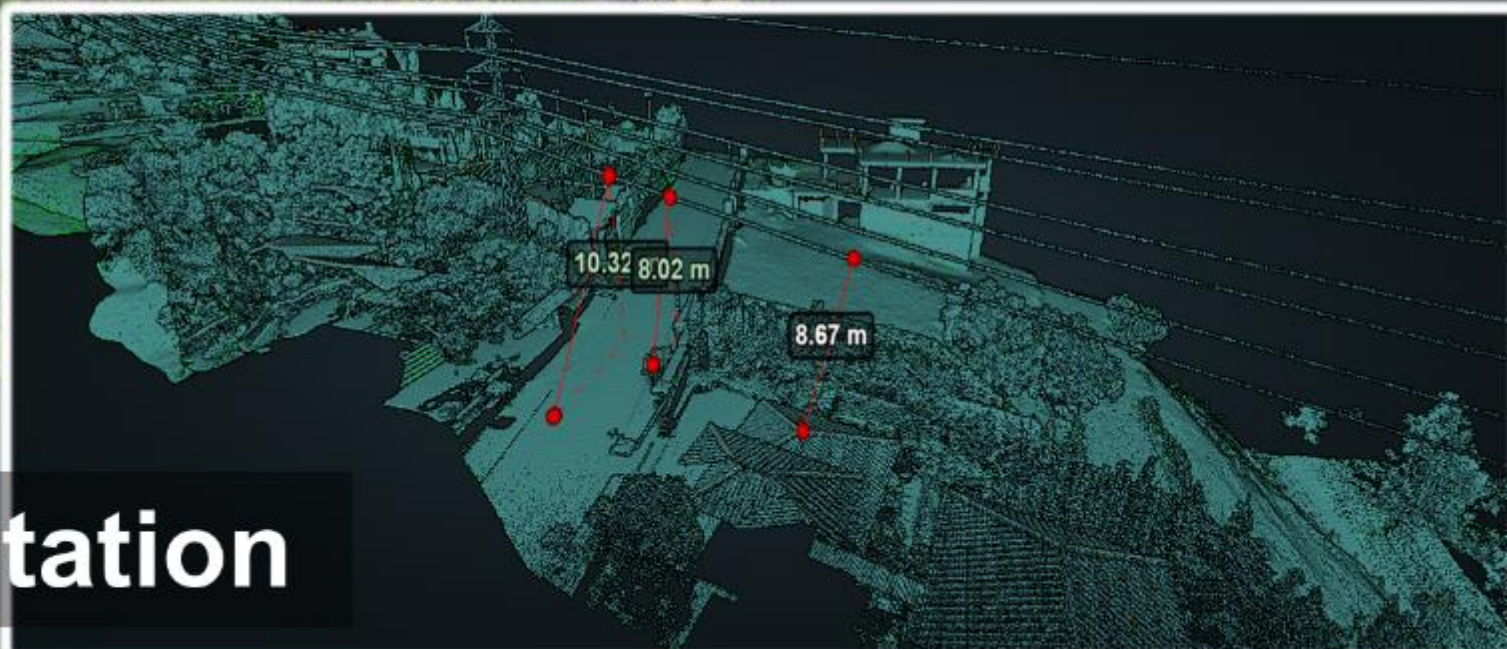
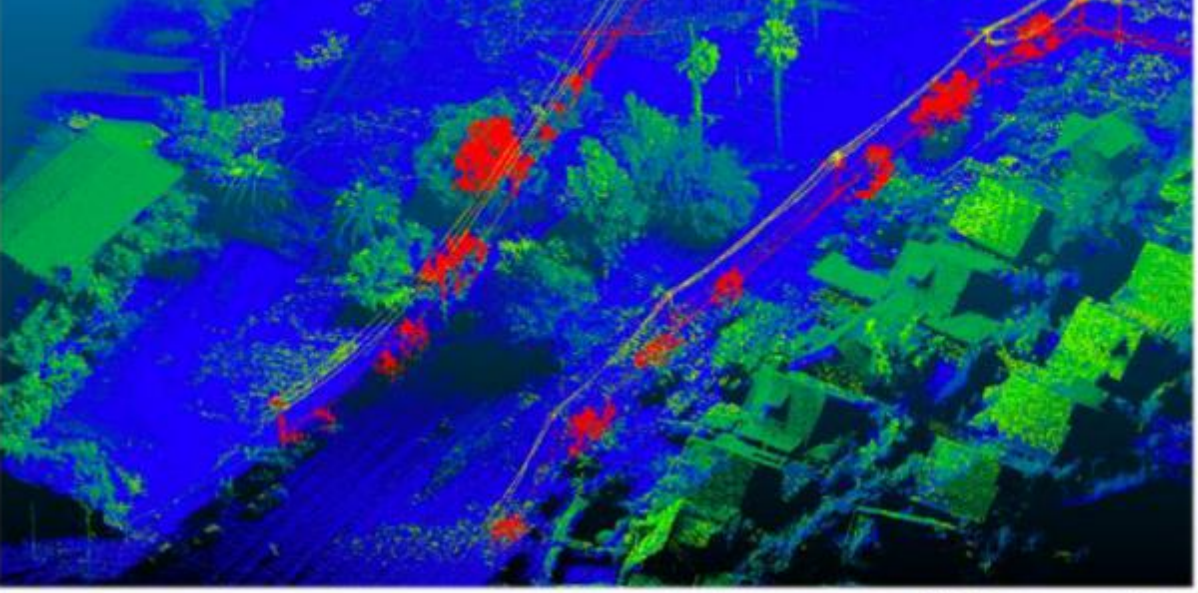
From 2D systems to 3D modeling  
of infrastructure, network, assets,  
surroundings





**Smart Meter**






**3D Modeling - Vegetation**



# 3D Modeling - Substation





# VR for Training

00:41





# AR for Field Technician



# Thank You

*For discussions/suggestions/queries email: [www.indiasmartgrid.org](http://www.indiasmartgrid.org)  
[www.isgw.in](http://www.isgw.in)*

*[Links/References \(If any\)](#)*

**India Smart Grid Forum**  
CBIP Building, Malcha Marg,  
Chanakyapuri,  
Delhi-110021  
Website: [www.indiasmartgrid.org](http://www.indiasmartgrid.org)