

"Digital Dialogue" Agenda | September 24, 2020

01.

8AM | 3PM

Keynote - The digital
future of smart societies

Dr. Marija Zima

R&D and Marketing Manager for
Smart cities and Solutions
ABB Electrification

02.

9AM | 4PM

How to make buildings smarter and more
comfortable

Olaf Stutzenberger

Global Marketing Communication Manager
Head of Regional Competence Center Europe
ABB Electrification Smart Buildings

Please wait. The webinar session is about to start soon!

Dr. Marija Zima

R&D and Marketing Manager for
Smart Cities and Solutions
ABB Electrification

The digital future of
smart societies

✉ marija.zima@ch.abb.com

in [marija-zima-bockarjova](#)



EXTERNAL



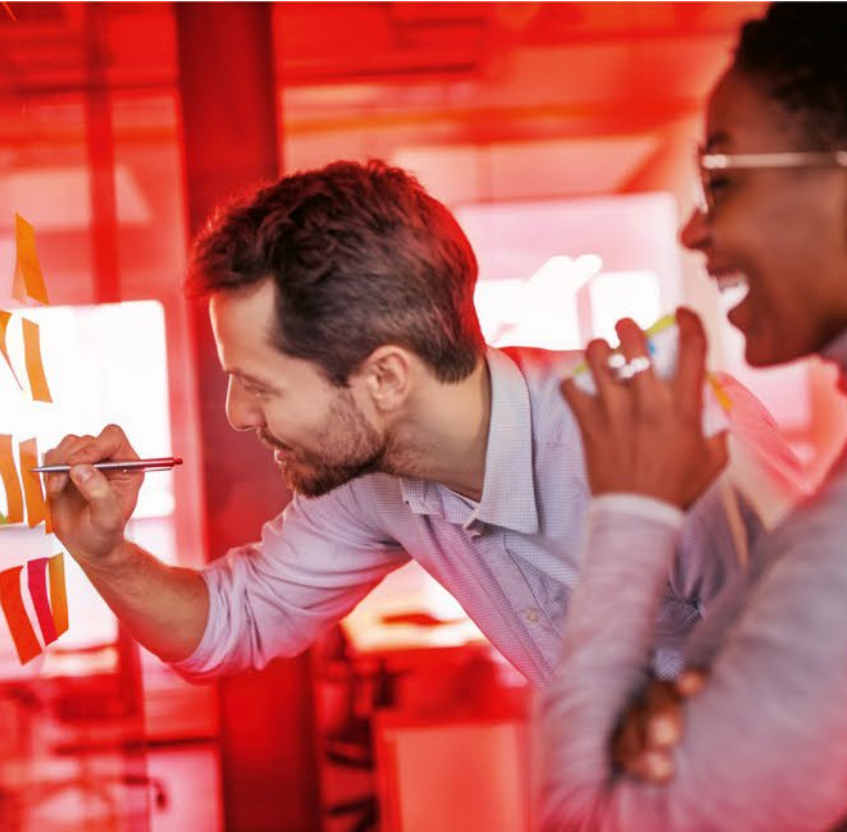
DR. MARIJA ZIMA-BOCKARJOVA | R&D AND MARKETING MANAGER FOR SMART CITIES AND SOLUTIONS, ABB ELECTRIFICATION

ABB Ability™ “Digital Dialogue” webinar

The Digital Future of Smart Societies



Our purpose



We succeed by creating superior value.



**We push the boundaries
of technology to drive performance
to new levels.**

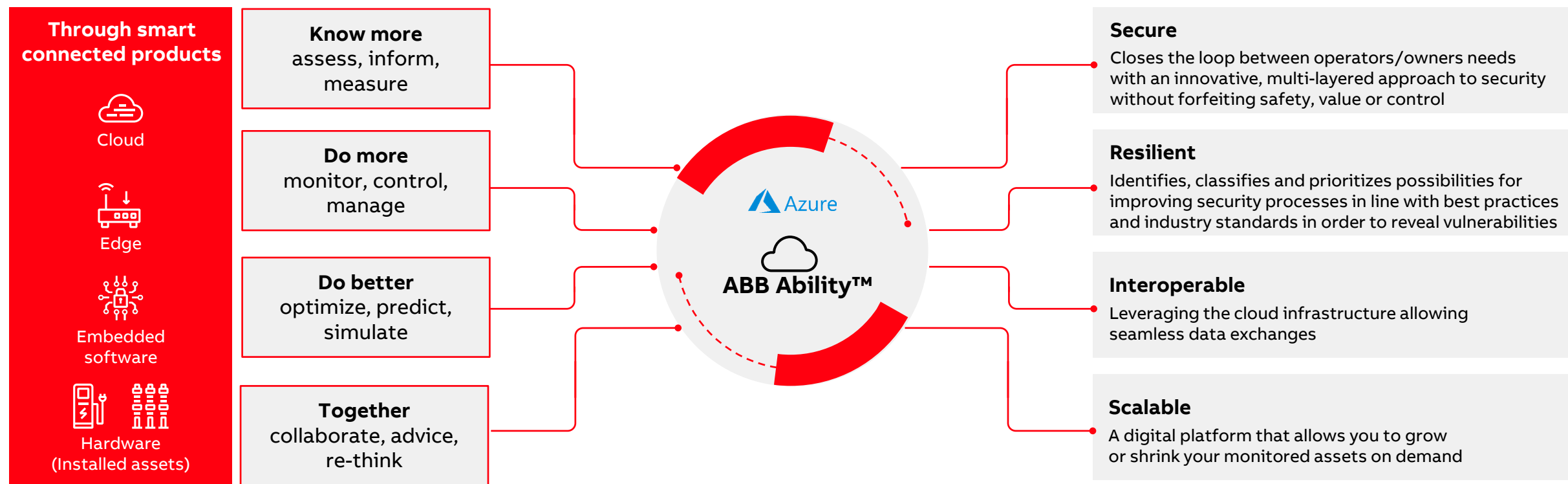


**We energize the transformation
of society and industry to achieve
a more productive, sustainable future.**



How ABB drives digital transformation with ABB Ability™

Digital solutions that maximise operational efficiency



Providing data-driven insights that enable you to reduce costs, increase comfort and drive efficiency





APPLICATION

Utility, Buildings

CUSTOMER / SITE

Ormera / Communities

CUSTOMER NEEDS

Fully automated cost effective and transparent billing process

Compliance with new regulation in CH

The community with the single point of connection to the grid and the single utility meter, the single billing point;

SOLUTION

Metering and submetering solution based on blockchain technology:

- ABB smart meter solution package (InSite pro M + EQ meters)
- Ormera SW solution.

End-to-end Blockchain Solution for Residential Energy Communities

Switzerland

BENEFITS

Minimal effort for administration

Cost efficiency, low service prices for tenants

Secure and transparent solutions









APPLICATION

Food & beverage

CUSTOMER / SITE

Chocolate producer

CUSTOMER NEEDS

Being sure about the reliability of the main medium-voltage primary switchgear supplying the plant and connecting the cogeneration plant. Moving to condition-based maintenance approach

SOLUTION

ABB Ability™ Asset management for electrical system, with mechanical, electrical and thermal condition monitoring device for 6 main MV incoming feeders (ABB HD4 breakers)

Ensure Reliability of Electrical System at Large Food Production Site

Italy

BENEFITS

Moving to condition-based maintenance









APPLICATION
Infrastructure

CUSTOMER / SITE
Delhi Airport

CUSTOMER NEEDS

One of the largest terminals in the world, seven-story structure with a total area of 5.2 million square meters, capacity to handle 72 million passengers a year. This mega project was to be completed in the stipulated time of 37 months

SOLUTION

ABB provided precise demand-related control of 11,000 electrical devices and 100,000 illumination points with i-bus® KNX lighting control.

Intelligent building management system driving energy savings

Seamless integration with airport systems

Delhi International Airport – Terminal 3

India



BENEFIT

30%

Energy savings





SEWA

ABB

APPLICATION

Utility

CUSTOMER

SEWA

CUSTOMER NEEDS

Retrofit of low voltage trip units without retrofitting the entire breakers, using latest digital technologies

SOLUTION

ABB provided Ekip UP Protect+ devices, to retrofit trip units adding metering and connectivity to ABB Ability™ Energy management.
Applied on non-ABB breakers

Utility chooses ABB's Ekip UP to upgrade competitor's circuit breakers

United Arab Emirates

BENEFIT

50%

Less digitalization costs on brown field

ABB creates Connected IT/OT Ecosystem enabling Smart Societies

1. Citizens can breathe cleaner air, drink cleaner water, have higher comfort, safety, security and brighter opportunities

2. Buildings, transportation, infrastructure authorities can leverage digitalization, efficiently to optimize operations & maintenance

3. Businesses and industries can benefit from cost efficient electrification solutions and reliable infrastructure



4. Start-ups can explore business opportunities and build on the power of platforms with open APIs

5. Developers can efficiently create new green, resilient settlements

6. Administration can implement sustainability visions and support efficient operations

Q&A



ABB