

Session Title: IoT for CO2 Reduction

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Abstract title: Business model enabler - integrated edge and optimizing solution to allow large scale introduction of renewable energy

It is essential to incorporate renewable energy into energy pools to the fullest to achieve “decoupling” of CO2 emissions and economic growth. A self-sustaining energy management combined with IoT is an enabler of stable and economical introduction of variable renewable energy into the grid. We introduce business models around the world in VPP, microgrid, island, smart city and smart farm that employ ABB’s central control and optimization solution called “ABB Ability™ Energy Optimization.”