

Anlagen der Zukunft – gibt es noch Raum für Innovation?

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Agenda



1. Innovation Drivers
2. Innovation Examples
3. Innovation Roadmap

Driver for innovations in the energy system

Trends



Renewable
generation in
distribution grids

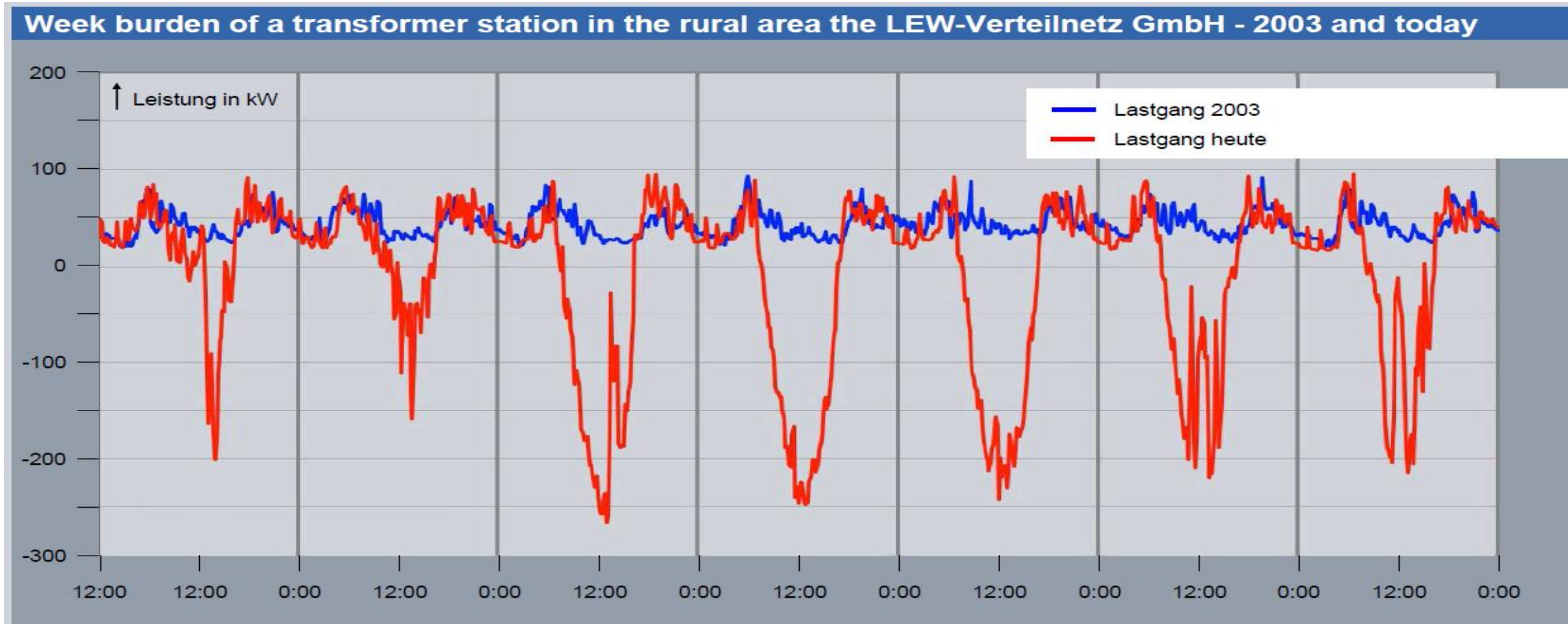


Increasing electrical
loads in LV
distribution grids



Aging and/or weak
infrastructure

Renewable integration in distribution grids



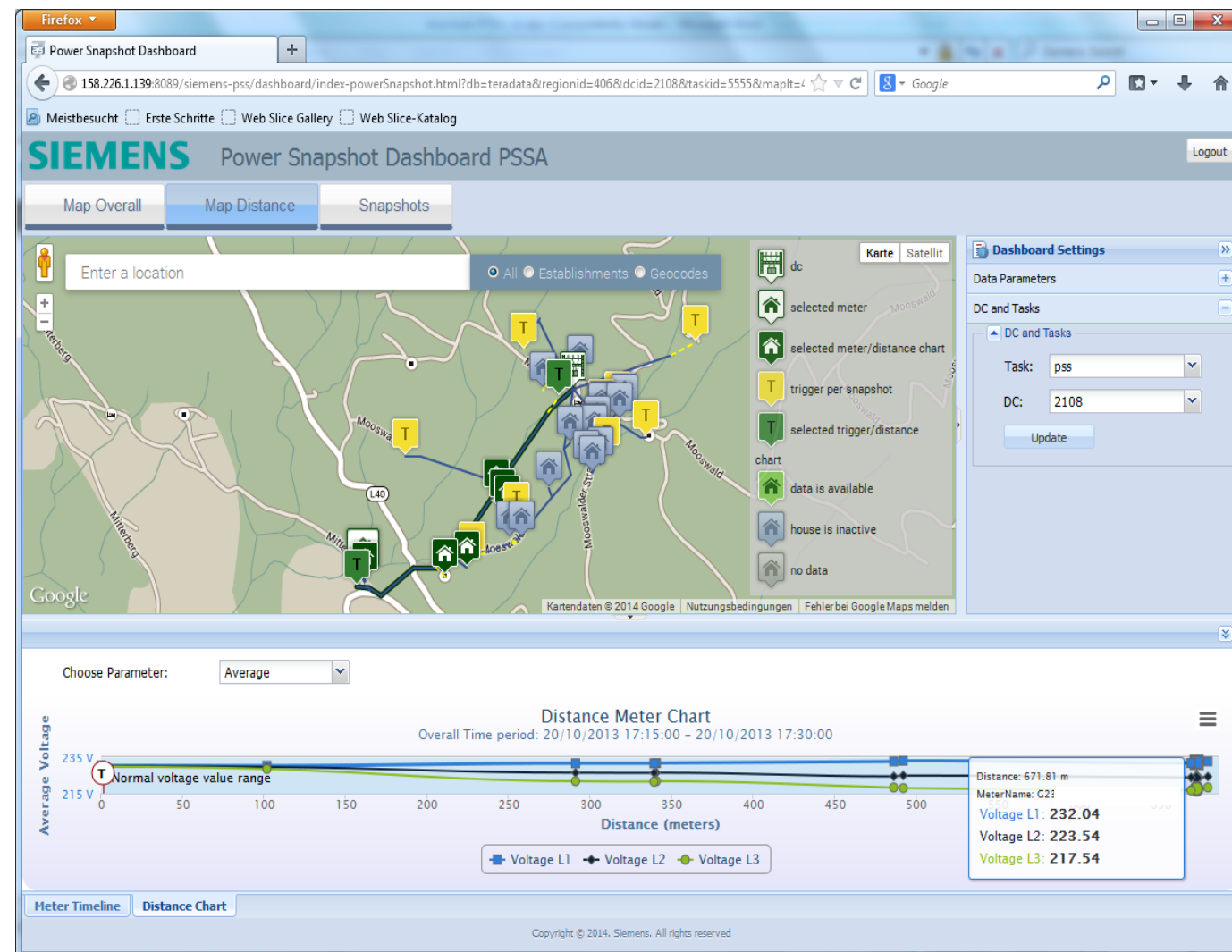
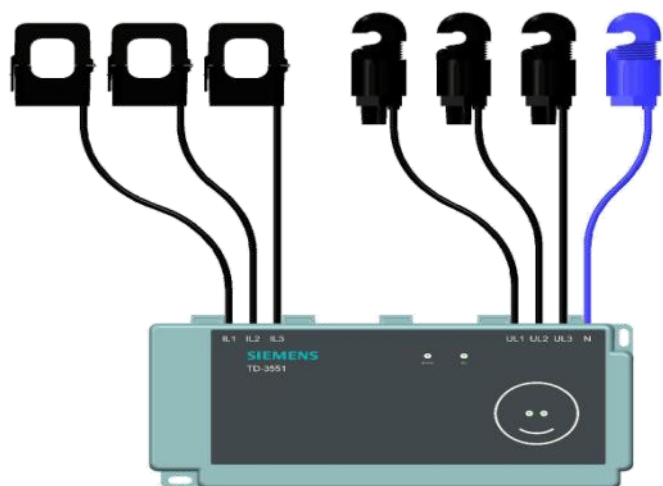
Smart Buildings - Customer Energy Management (CEM)

Customer Energy Management (CEM)



Innovation Example 1:

Grid Monitoring Device & Datenauswertung - AMIS TD-3551/3552



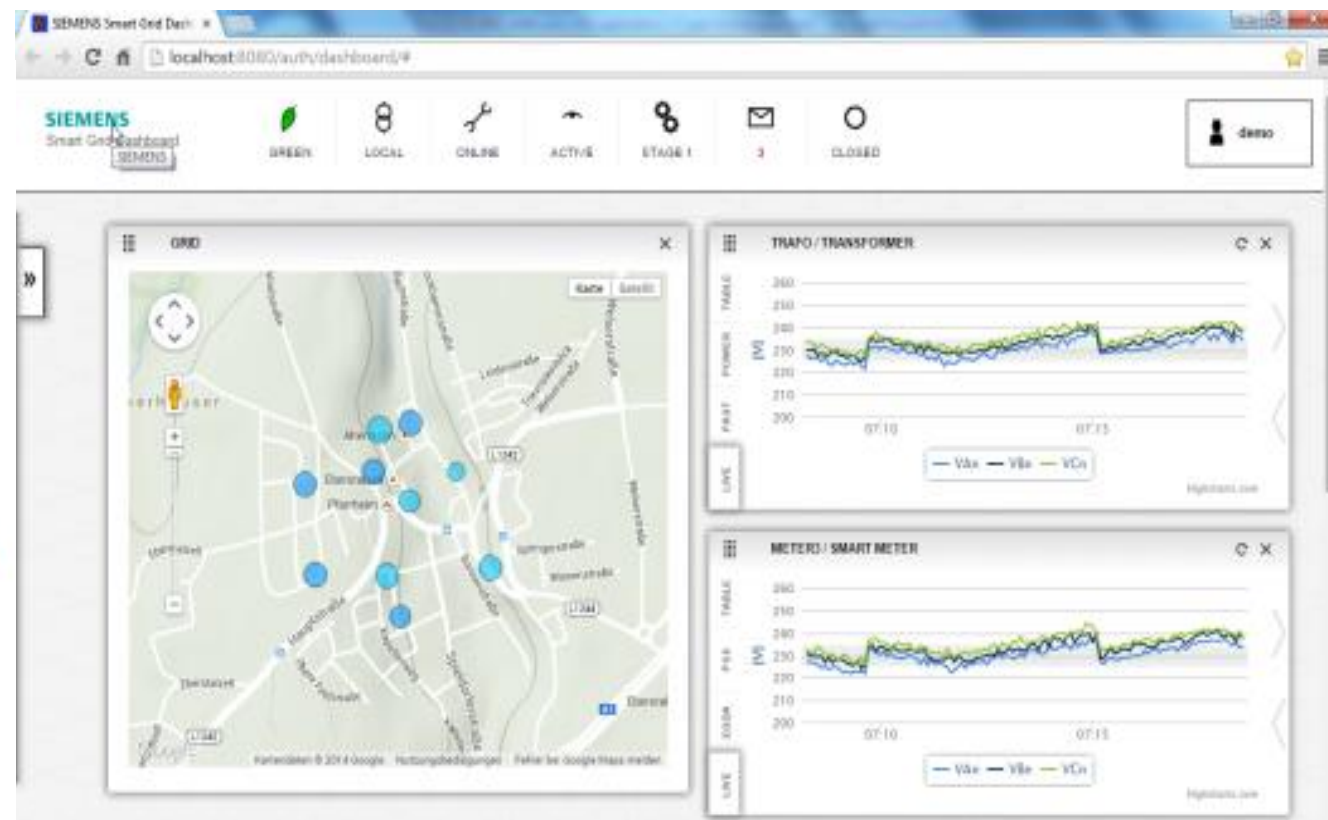
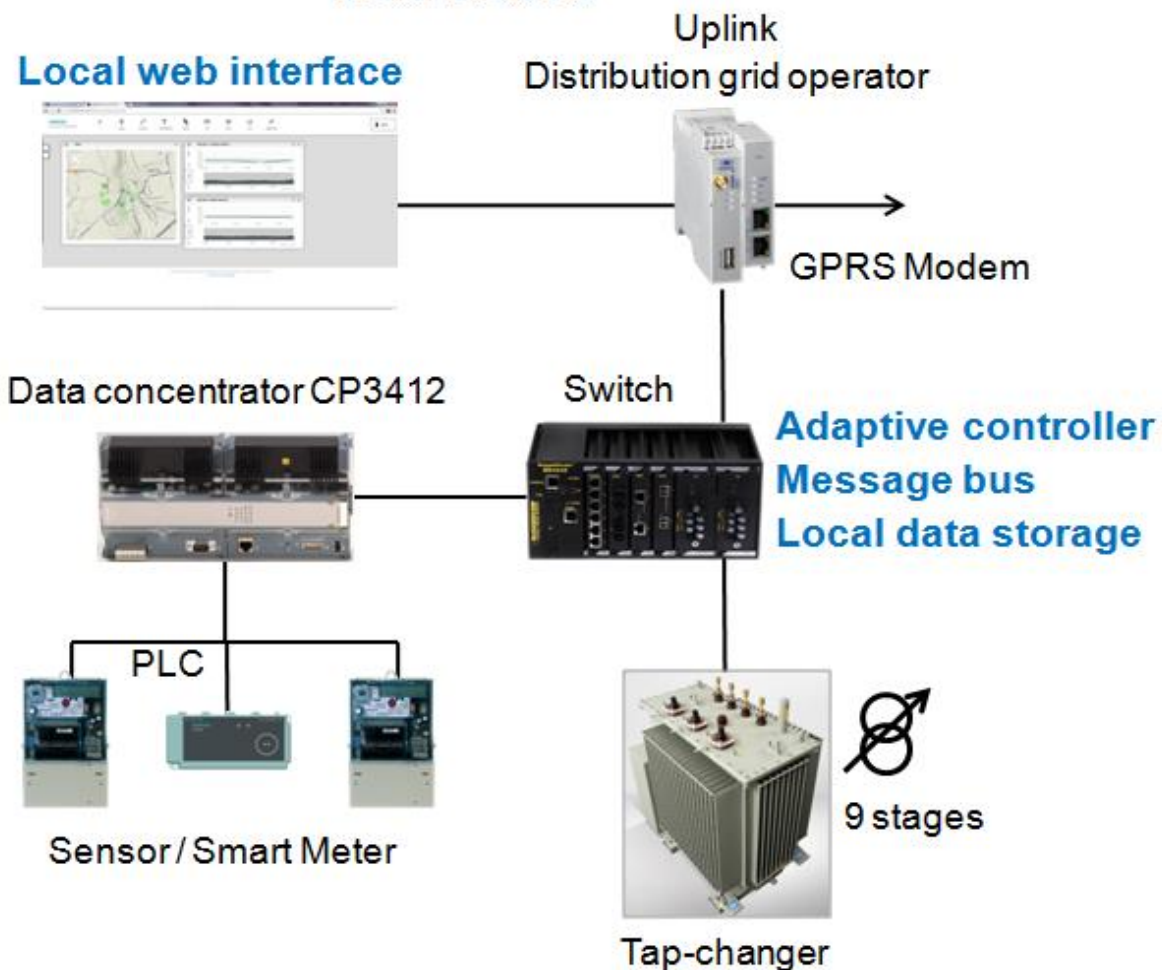
Innovation Example 2: FITformer® REG –v2

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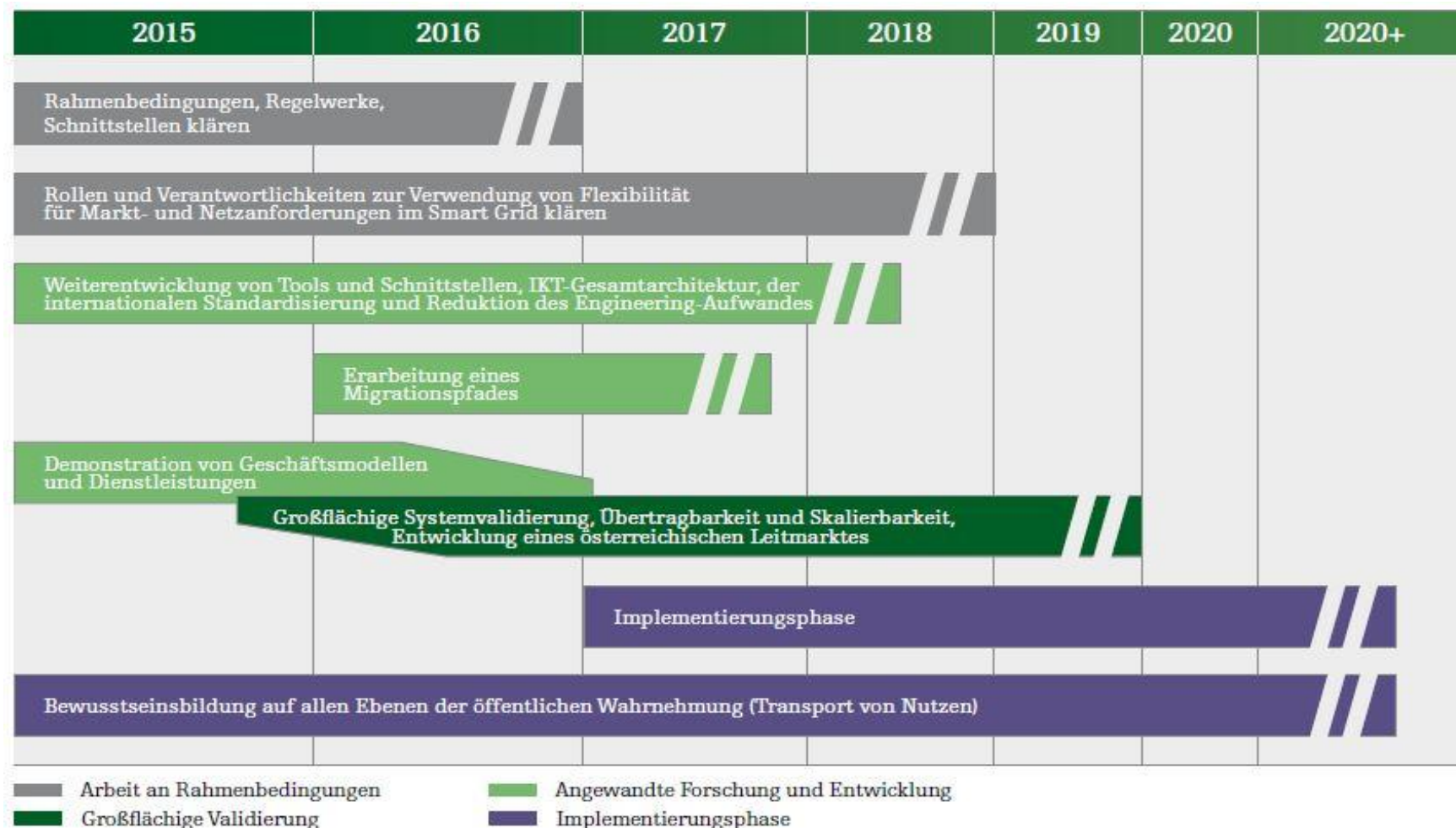
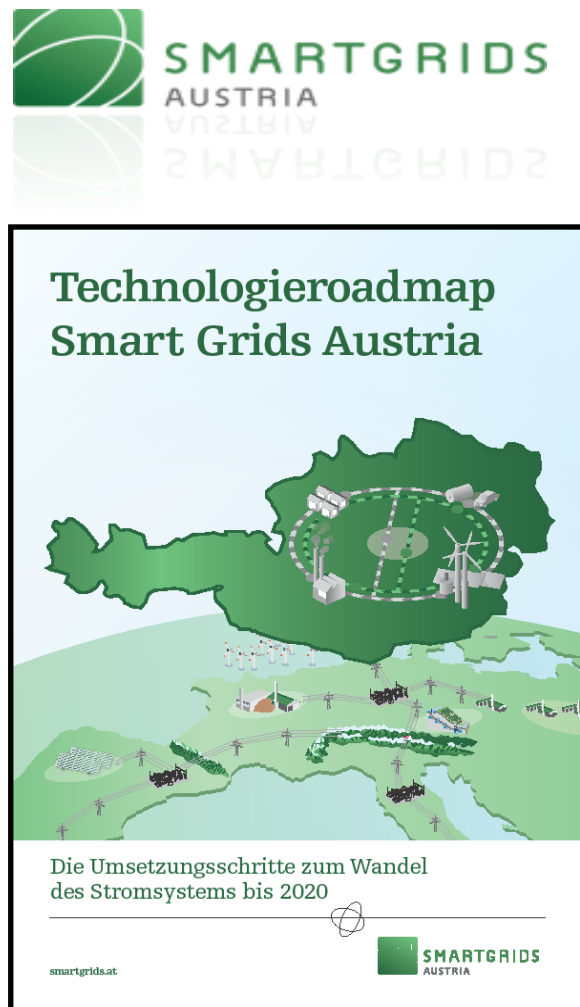
Innovation Example 3: Smart Low Voltage Grid - Development of intelligent Monitoring & Control

iSSN 2015



On the Road (map)...

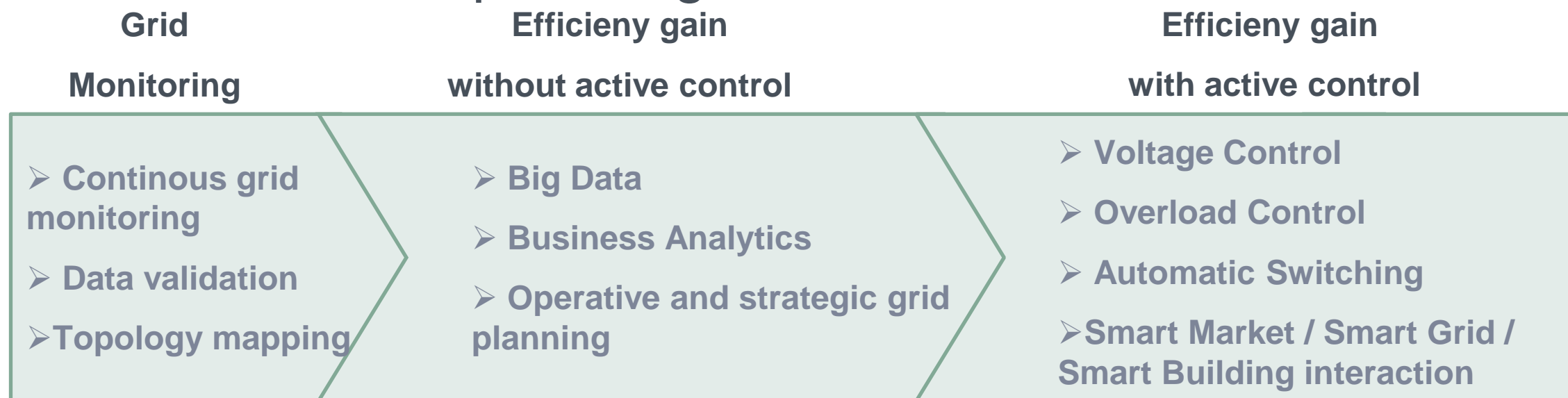
Technology roadmap Smart Grids Austria – Implementation path until 2020



Innovation - Smart Grid Migration Path

Smart Grid Migration Path

Goal: Optimising of CAPEX + OPEX !



Smart ICT concepts and web technology based solutions to support

“Life Cycle Management for distributed automation systems” & “Plug and Automate”

Thank you for your attention!



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**Vision Wirklichkeit
werden lassen**

Innovative Kommunikationslösungen für die Infrastruktur von morgen

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