

ABB is forming a team with Mälarenergi

To develop smart city solutions in Västerås

ABB will form a team with Mälarenergi, a municipal utility, to develop smart city solutions that will make Västerås, Sweden's fifth largest urban area, more efficient, sustainable and resilient and boost its attraction to companies and people.

Gains for Mälarenergi



Water

Clean water with great taste Reduce water leakage rate from today's 20% with increased understanding of big data visualization.



District heating

Secure sufficient comfort with reduced production and advanced asset management of equipment owned and used by others in the distribution grid.



Asset management

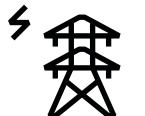
Best practices and processes helping to manage assets from day to day and throughout their



Utility

Predictable production to minimize environmental impact Secure sufficient comfort with reduced production and advanced asset management of equipment

owned and used by others in the distribution grid.



Network / Grids

Hydro power

Solar power

Optimization of power

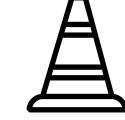
Optimize power sources for optimal benefit of the environment and cost perspective.

City opportunities



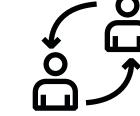
Smart City

Connected equipment Shared information creates new service opportunities.



City assets, Roads, Lights

Optimization and coordination of road maintenance Predictive Asset management for new equipment.



administration.

Public services

New ways of communication, case management system, crisis management Increased speed and synchronization with reduced



EV infrastructure

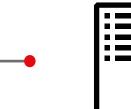
Connected services, systems for billing



Emergency operation

Visualization of current status reduce response

Info from water, roads, property owners, citizen's video streams etc, creates a better overview of available resources and situational awareness.



Real estate owners

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New ways of purchasing comfort for it tennants with reduced costs.

Citizen Benefits



- Increased dialogue and faster response time with increased visibility
- Collaborative society
- Environmental friendly
- Short Response time in case of emergency