



Ruggedised Digital Deep Dive - Invitation

UMEA: Northern Lights showcase, Wednesday 10th June, 10.00-12.00 CEST

Session Description:

While we cannot bring you to Umeå at the moment, through the <u>Digital Deep Dive</u> we hope to do the next best thing, showcasing the smart city solutions being developed there. We also hope for your help to improve them!

During this interactive online session, Umeå partners will be lifting the lid on their key developments as part of the European Smart Cities and Communities (SCC01) projects. We'll be hearing about the city's integrated approach to combining their technical solutions, and their smart building concept. This includes the use of smart control equipment to control airflow, room climate and presence-activated lighting.

A wide range of sensor-data, time-scheduling components and weather station data are aggregated in their Demand Side Management system supported by renewable energy. This allows the data to shape a more detailed understanding and improved management of energy needs and usage.

The Digital Deep Dive will give you a front seat to hear the Umeå story. It will also give you the chance to react, exchange and bring your own experience to the discussion. Just because we have stopped travelling, doesn't mean we've stopped connecting!

Advance Materials:

Learn more about Umea's Smart City approach in the video 'Collaboration drives development'.

Solution 4B: Intelligent Control Systems

- <u>Video</u>
 - Factsheet

Solution 9: Demand Side Management

- <u>Video</u>
- Factsheet
- Scientific article on Demand side management

Session Format:

- Welcome to Umeå, Micro Scene Setter
- Presentation of Umeå's approach and solutions.
- Breakout sessions:
 - Diving Deeper 1 session with Key Witness and interactivity to focus on specific aspects of Smart City Work based on Umeå's Intelligent Control Systems
 - Diving Deeper 2 session with Key Witness and interactivity to focus on specific aspects of Smart City Work based on Umeå's Demand Side Management
- More input, reflections, best ideas, main takeaways and more.

Speakers

Sara Ghahani, Energy and Sustainability Consultant, WSP Sweden

Professor Thomas Olofsson, Faculty of Science and Technology, Umeå University

Carina Aschan, RUGGEDISED Coordinator in Umeå

Moderated by Eddy Adams, EA consultants and introduced by Albert Engels, Coordinator of RUGGEDISED

