

#IEEE@Siemens2021

Buildings of Tomorrow - Carbon Positive and Part of the Climate Solution

Expert talk covers:

- Understand the challenges and opportunities of carbon-driven markets
- Gain insights into governmental and client requirements for sustainability
- Get familiar with examples of sustainability practices in the construction industry



Thursday, 18th of Nov. at 9.10 – 9.45 am. (CET)



Åse Togerö

Senior Manager of Green
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Buildings of Tomorrow - Carbon Positive and Part of the Climate Solution

The Swedish construction and real estate market is establishing a new currency – CO₂. This new currency starts to show its importance in all activities from procurement evaluation to client requests, land development competitions and end user requirements. In this new market, the winning companies will be the ones who can scale-up the right climate solutions, both regarding the construction phase (construction materials, site machines, transports and energy usage) as well as the user phase where the focus is on the energy system. Energy efficiency is no longer enough. We need to see the bigger picture and learn how to manage weather-dependent and less predictable renewable energy sources with energy usage. In doing so, buildings of tomorrow might not only be carbon positive but also part of the climate solution.

About Åse:

With an MSc degree in Building and Civil Engineering and a PhD in Sustainable Building Technology, Åse worked as an environmental consultant and as a senior researcher at Lund University's Faculty of Engineering. In 2008, she took a position at Skanska Technology as building physics specialist. Since 2011, she has worked in various positions at Skanska and is now a senior manager in Sustainable Business Development. Her responsibilities include innovative green technology and development projects to build carbon-positive houses and districts.

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“We need to think bigger and learn how to balance a renewable energy system with flexible power management. In doing so, buildings of tomorrow might not only be carbon positive but also part of the climate solution.”

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