

Hospitals of the future in Denmark

- resolving the SMART Hospitals paradox



National strongholds \(\times \)

Danish solutions

Healthcare in Numbers

News & Pub

Sustainability

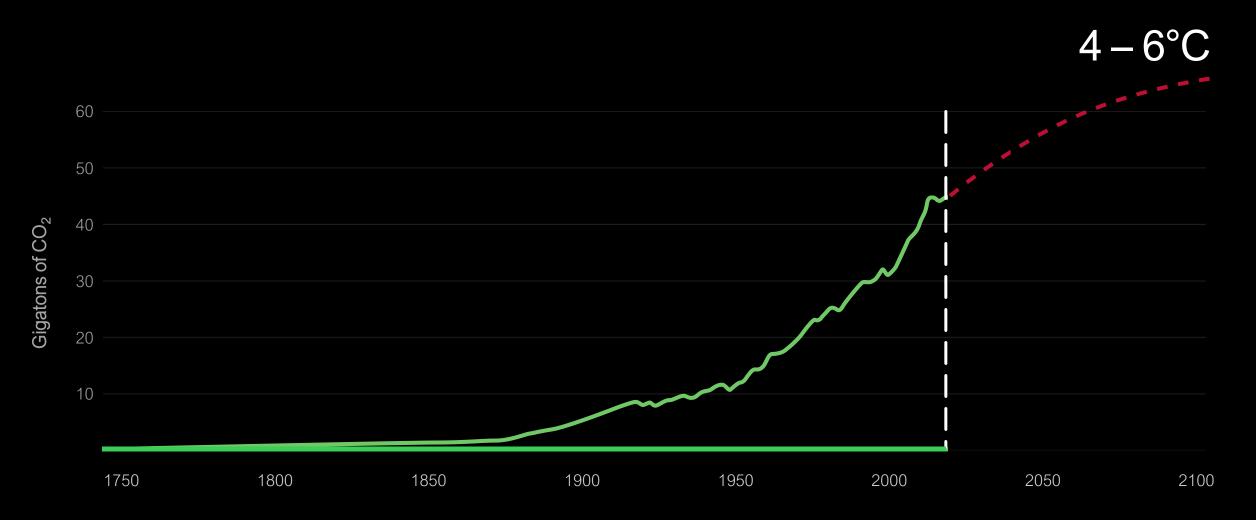
Denmark is dedicated to transitioning to a green and sustainable healthcare sector, where both public institutions and private companies take responsibility for cultivating innovative solutions and practices, while maintaining a resilient and high-quality healthcare sector.

Declaration on Climate and Health delivers a breakthrough moment

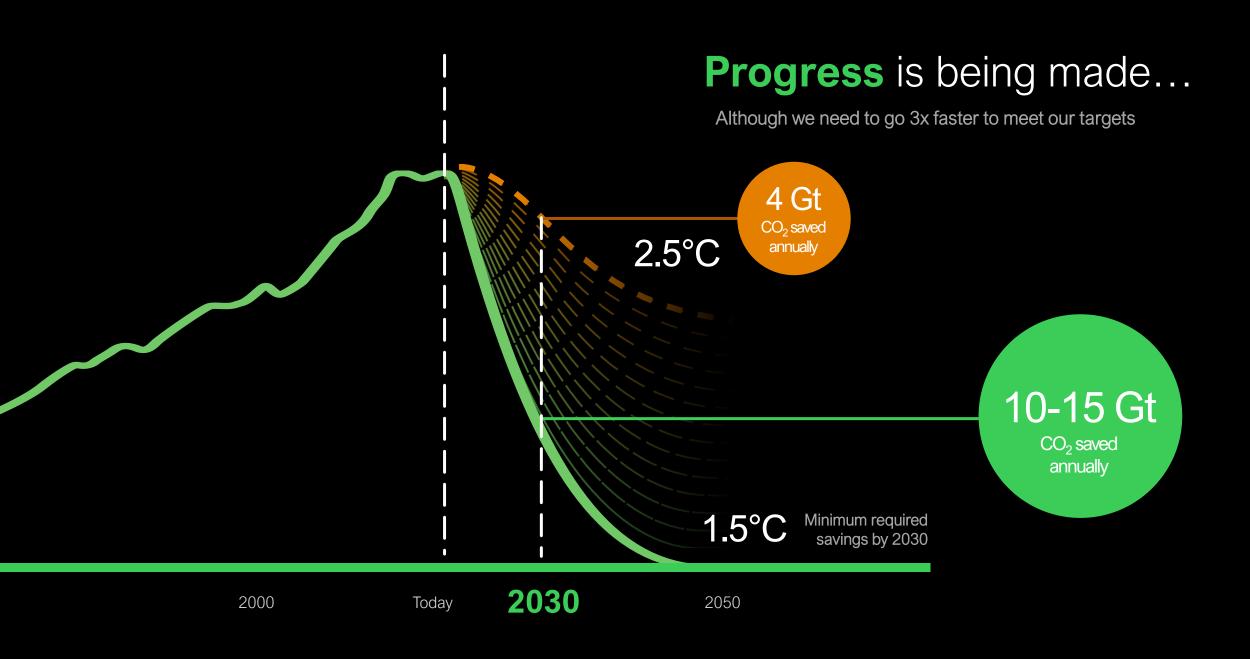
At COP28, 124 countries endorsed a new Declaration on Climate and Health⁶. The Declaration, presented at the first ever Health Day at a COP, marks the first time that the health impacts of climate change have taken centre stage in 28 years of UN climate talks. While the Declaration is not legally binding, the Declaration serves as a voluntary call to action to protect communities and prepare healthcare systems to cope with climate-related health impacts such as extreme heat, air pollution and infectious diseases.



To tackle the climate crisis, we must decarbonize



Global Carbon Budget (2019); IPCC (2020), ETC, Making clean electrification possible (2021), Schneider Electric Research Institute View includes industry process emissions, changes in land uses, such as deforestation



The annual emissions equivalent of:

coal-fired power plants¹

(6% Danish emissions)



Supporting your journey to

All-Electric Healthcare Campus

From building a new hospital to a campus expansion or deep retrofit, Schneider Electric supports your electrification journey, throughout the building lifecycle.





We are also facing increasing energy volatility



Key challenges for sustainable transformation



Electrified estates will need to **optimise** energy consumption and **maximise** onsite generation 4 Key questions:

Is there enough power in the grid or copper in the ground to cope with increased demand?

Who is going to manage & maintain these complex electrical estates?

Can we electrify without compromising resilience?

Can we achieve this whilst enhancing patient & staff experience?



Enabling the healthcare facility ahead of its time

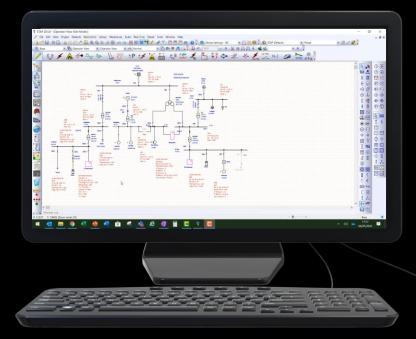


Is a complex reality



The Modernization Journey

1. Migrating to an electrified campus





Our partnership brings market leading technical and operational capabilities to support the building of Smart hospitals







Decades of research & development

Breadth and interoperability of our technical stack

Market leading hardware and sensor capability

Build on the ubiquity of a Teams front end

Trusted by Al leaders like OpenAl







Combining IT & OT to drive operational efficiencies and enhanced user experiences

Illustrative Prioritised Capabilities



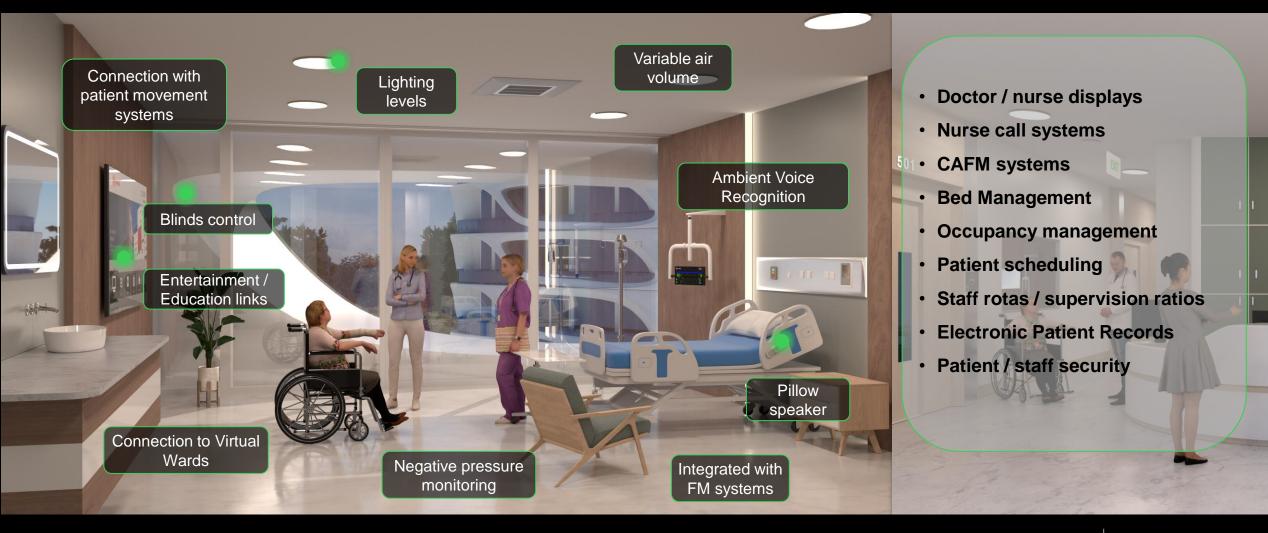
CARE CENTRIC

EFFICIENT

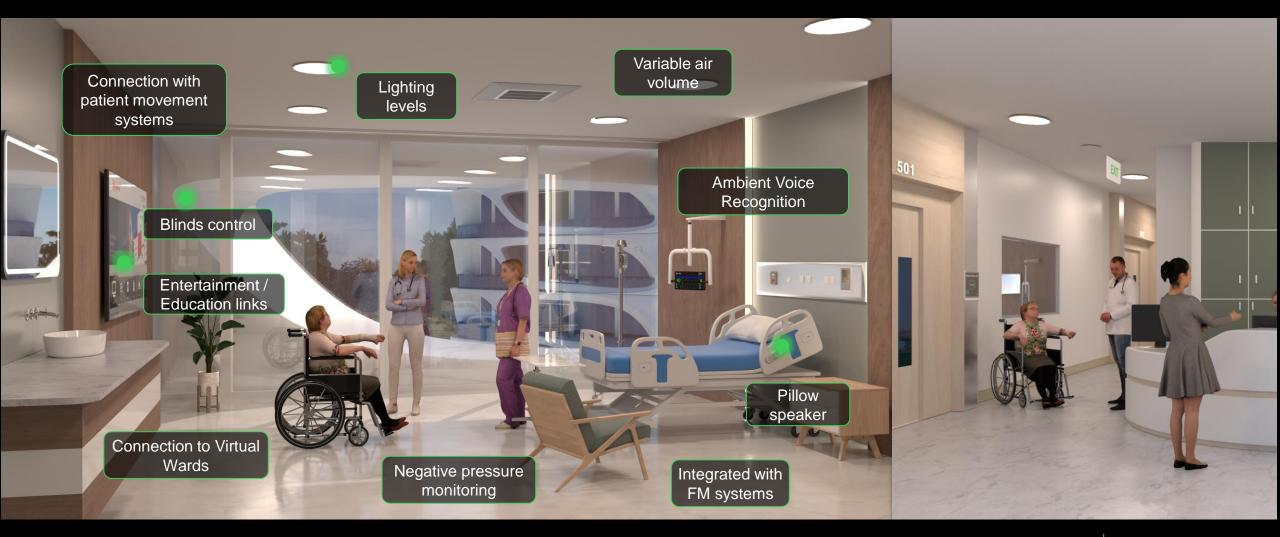
SUSTAINABLE



Delivering an integrated patient experience with IT / OT Integration



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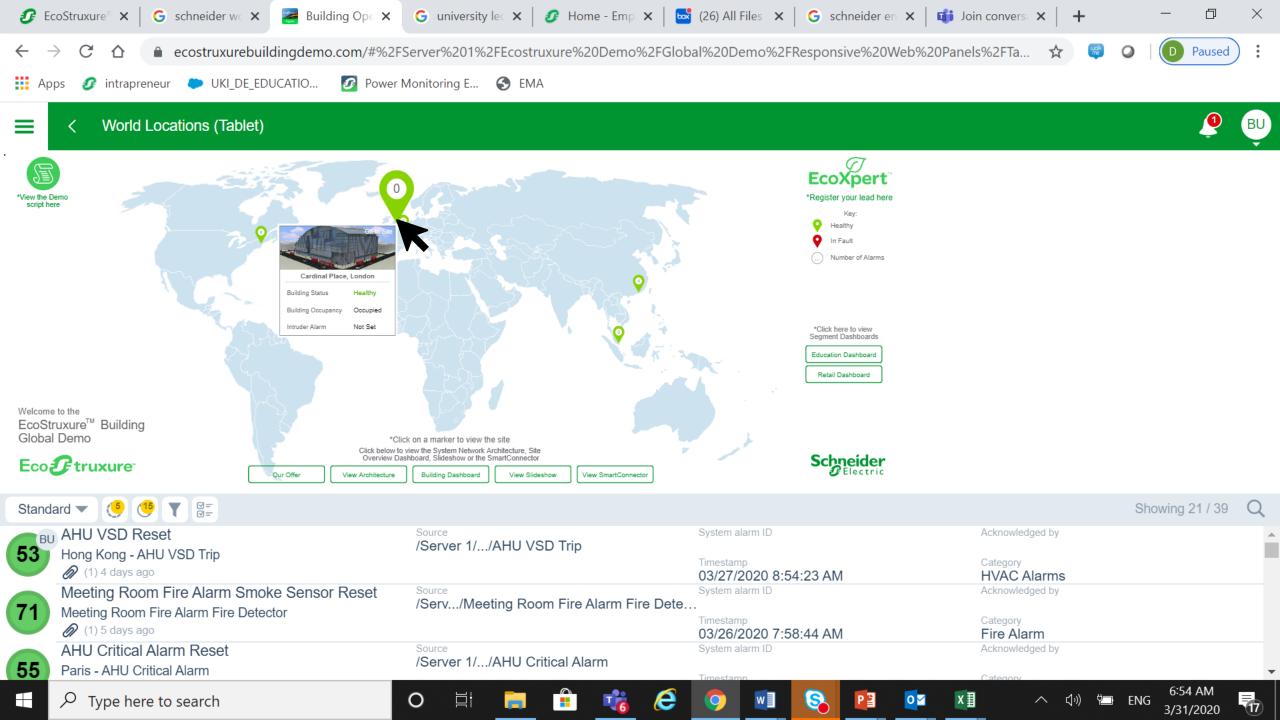
Hospitals of the future in Denmark – Squaring the Circle - resolving the SMART Hospitals paradox

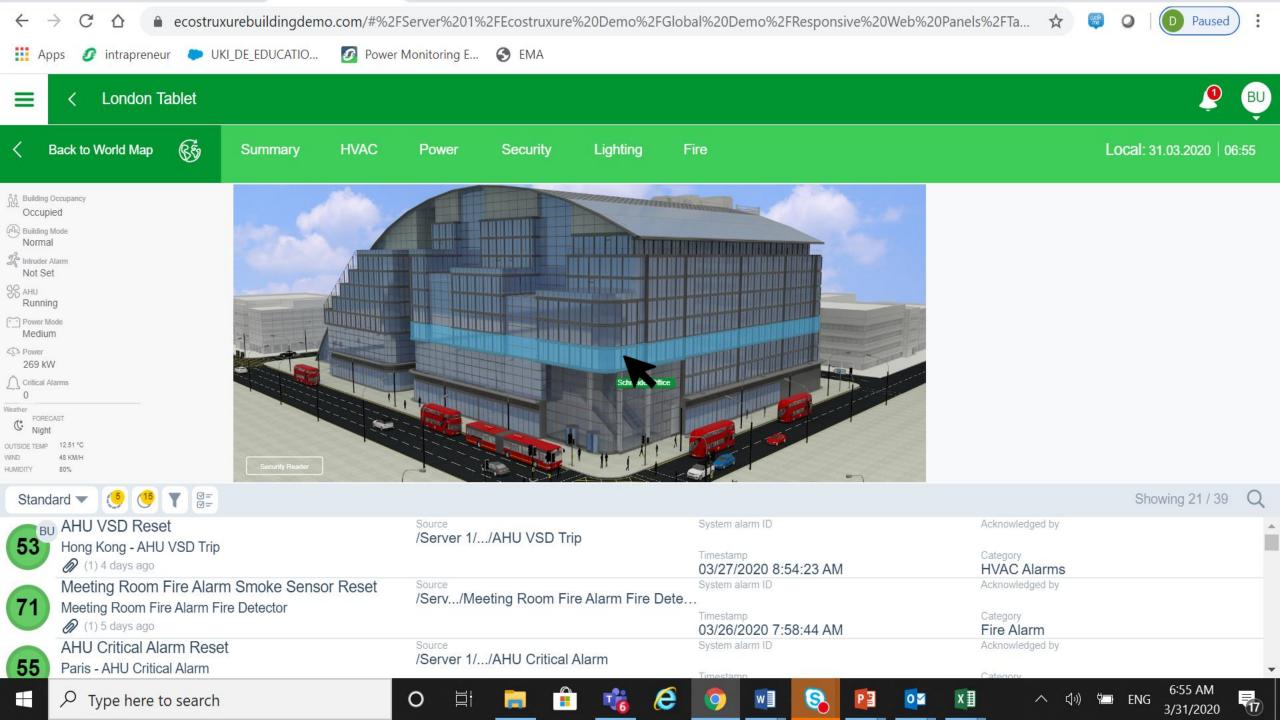


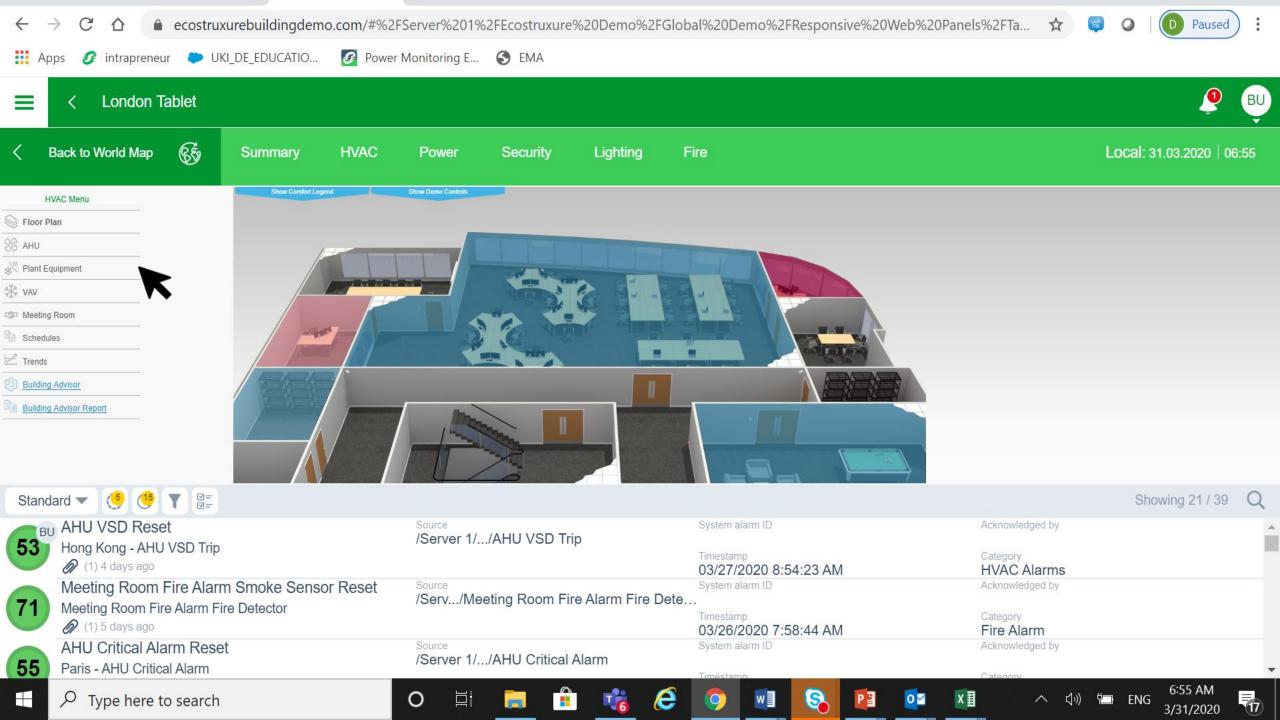
Electric

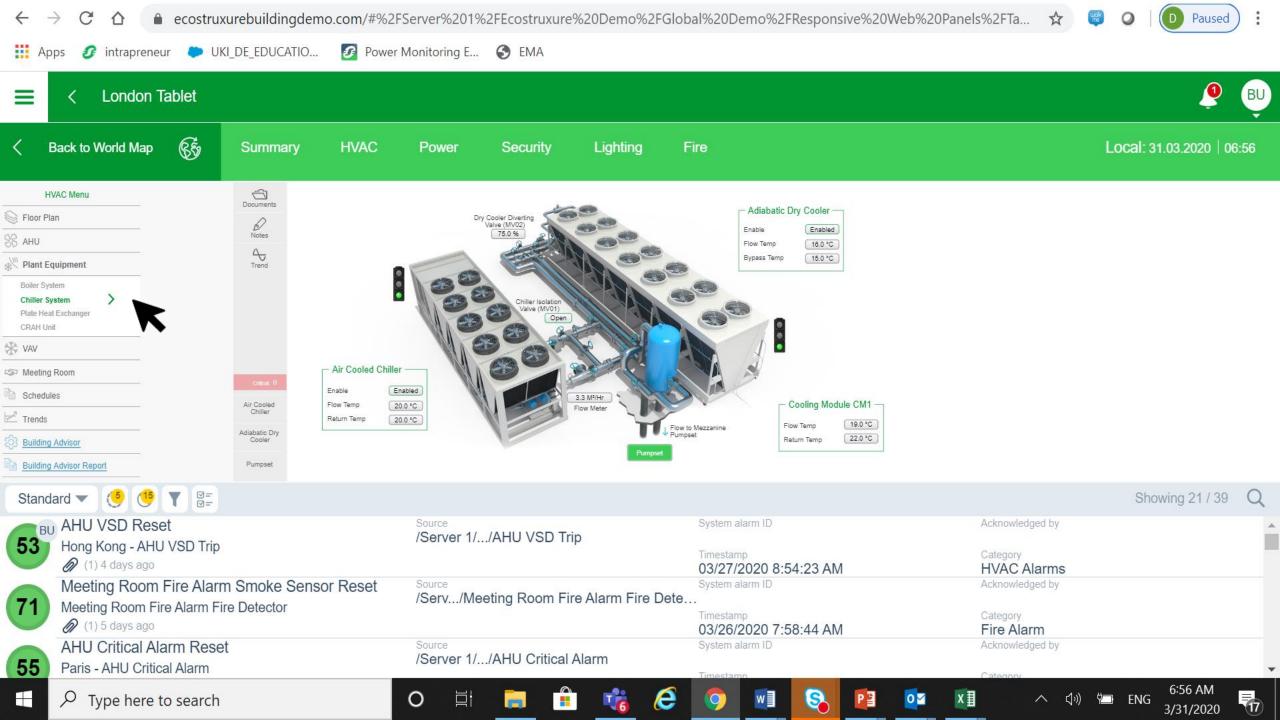
For Decarbonization

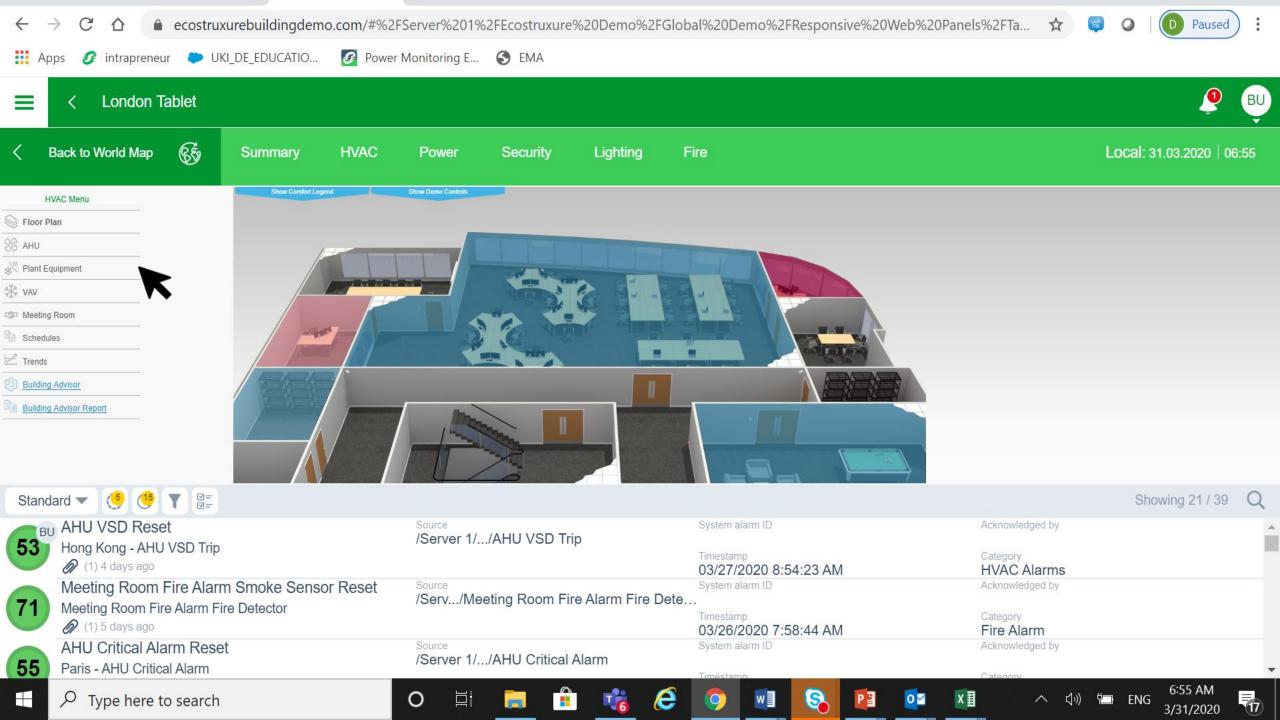
Adopt non negotiable digital design standards – and NEVER EVER compromise











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