

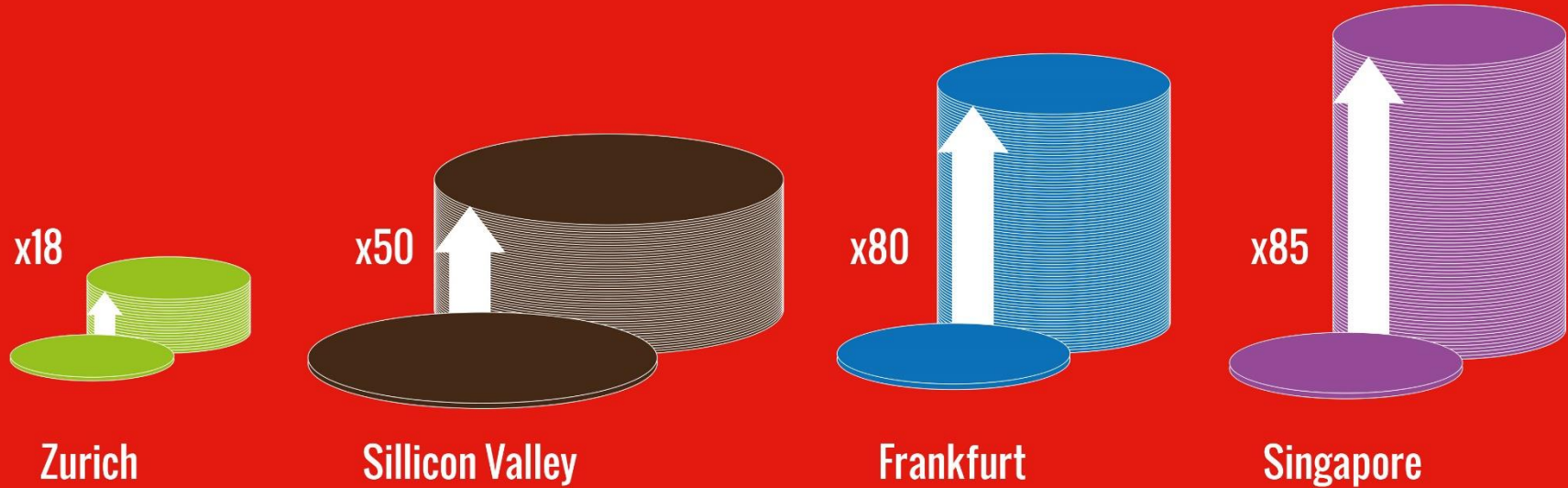


Klaus Wachter
Managing Director

Cyber Agora #1 on Underground Urbanism, 29.06.2021



Increase in space requirements 2020 to 2025 based on data traffic growth



Growth factor based on estimated increase in data traffic.

WHY UNDERGROUND?



Land in urban areas is scarce and expensive



Going underground offers space and flexibility



The underground provides natural protection



Sensible use is made of derelict tunnels, basements and underground spaces



Such structures are feasible in a huge variety of soil conditions thanks to cutting-edge technology



Reduced energy demand



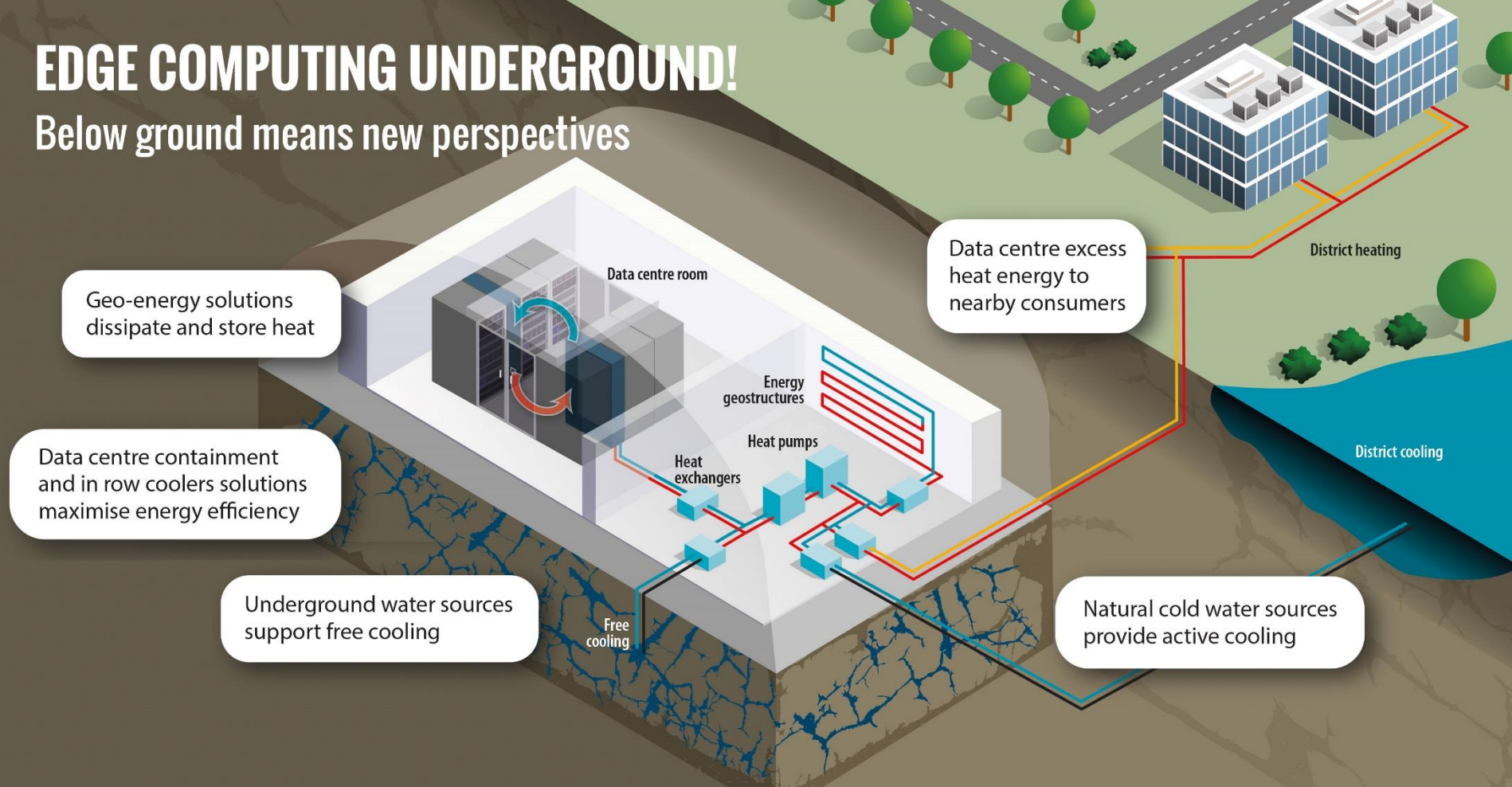
Sustainable and resilient solution



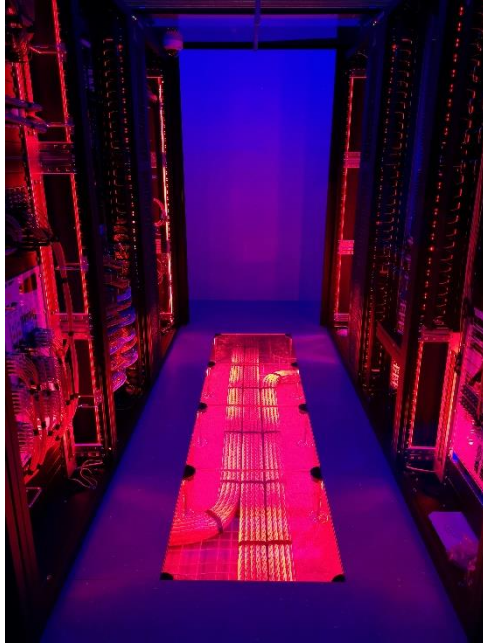
Cool and secure environment

EDGE COMPUTING UNDERGROUND!

Below ground means new perspectives



UDC Prototype @ Hagerbach Test Gallery



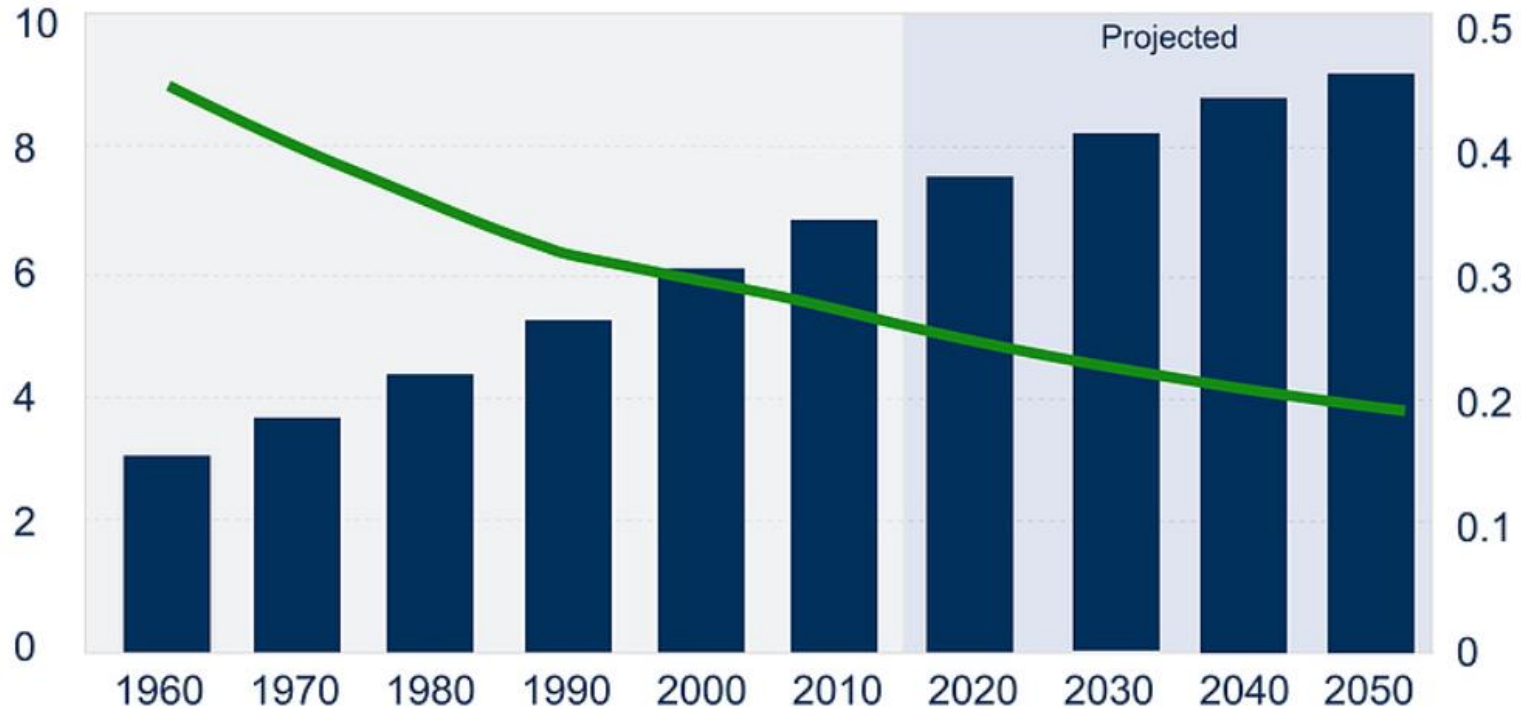
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Underground Green Farming

With Underground Green Farming, SCAUT together with industry partners offers a solution that provides an alternative for the lack of arable land through degradation of soil and contributes to providing food security.



■ world population (bn.) — arable land (ha/person)



Source: Food & Agriculture Organization of the United Nations / www.plantationsinternational.com

UGF Prototype @ Hagerbach Test Gallery



Thank you very much for your
attention!

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