





Sund≈Bælt Sund≈Bælt



CONCRETE INSPECTION ON STOREBÆLT LARGESCALE CONSTRUCTIONS

 General inspection of concrete structures on the East Bridge is challenging on the following constructions:







Pylons

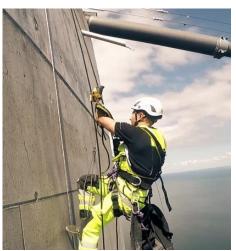
Anchor blocks

Piers

 Steel/Main cable/Catenary hanger

WHAT WE DID BEFORE









- Manual inspections
 - From the floor/ground
 - Lifts/platforms
 - Access facilities
 - Rope

- Registrations
- Paper
- Digital (DB / APP)

- Challenges
 - Traffic
 - High costs
 - The weather
 - Slow soluble
 - Hard to document



 Civil engineers provide continuous feedback to the models, making AI Automation faster and more accurate, bridge after bridge.





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The remote inspection platform could one day scale to thousands of bridges.



- No action needed
- Needs preventitive maintenance
- Needs urgent repair
- Closure and evacuation



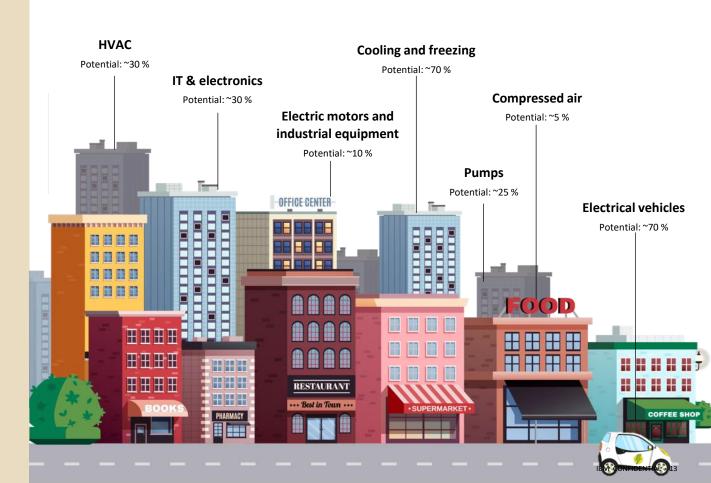






SERVICES BY CONTROLLING THEIR ELECTRICAL DEVICES AND UNLOCKING A VAST POOL OF FLEXIBILITYLARGE CORPORATIONS CAN PARTICIPATE IN THE MARKET FOR ANCILLARY AND NETWORK CONGESTION FLEXIBILITY

- Cities consume approx.70% of all energy
- Energy consumption in buildings make up for approx. 28% off cities' energy consumption
- In buildings approx. 21% of this energy is flexible



IMAGINE IF YOU COULD TRADE 15-21% OF YOUR ENERGY CONSUMPTION AS FLEXIBILITY SERVICES

...You could automatically turn up and down functions of your buildings to help balance the energy system.



...You were able to get compensated for the energy, you substitute from 'old' power plants.

...You could easily measure the energy cost saving of your sustainability activities.

 \dots You could clearly communicate and track your CO_2 reduction.

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