



AI for Renewables

Energy:Connected, 15 June 2023

Volker Hoffmann

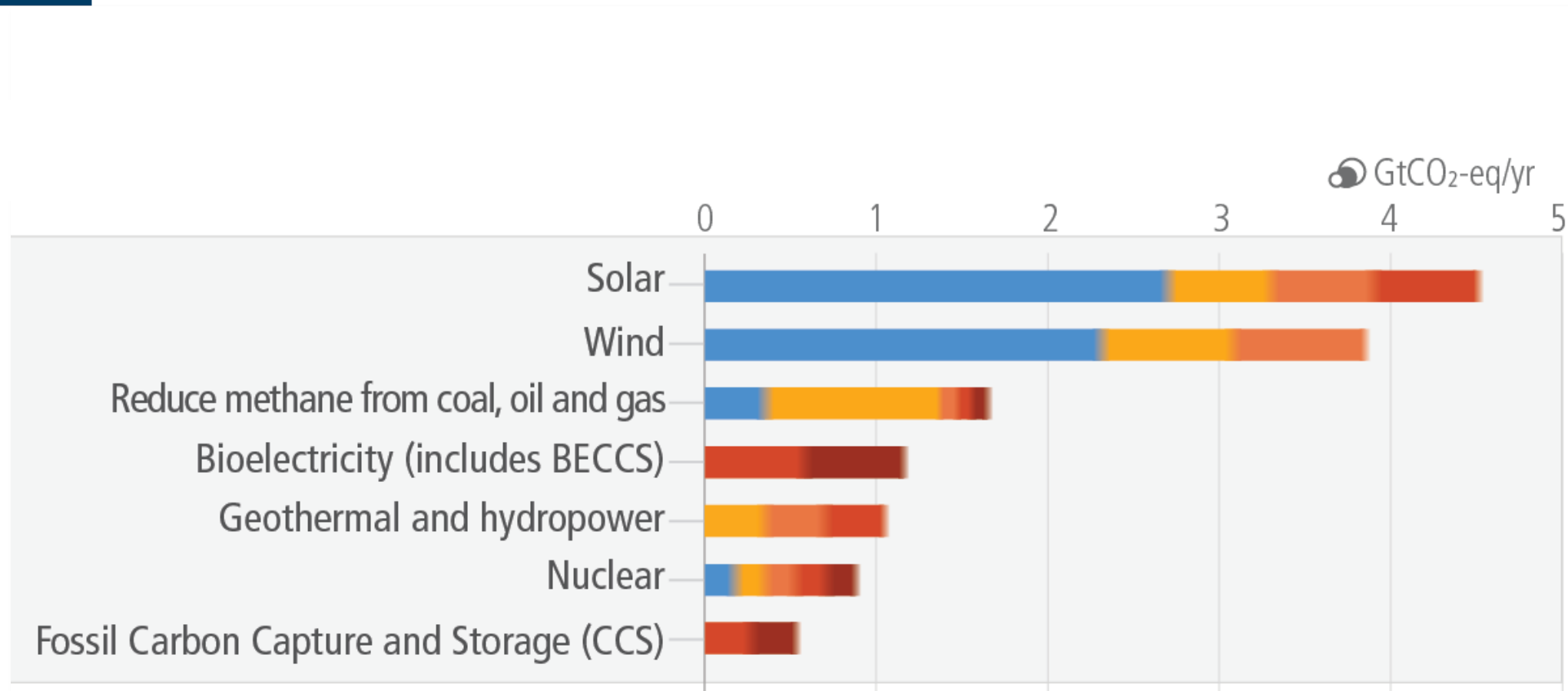


**"We are on the highway to hell
with the foot on the accelerator"**





SINTEF





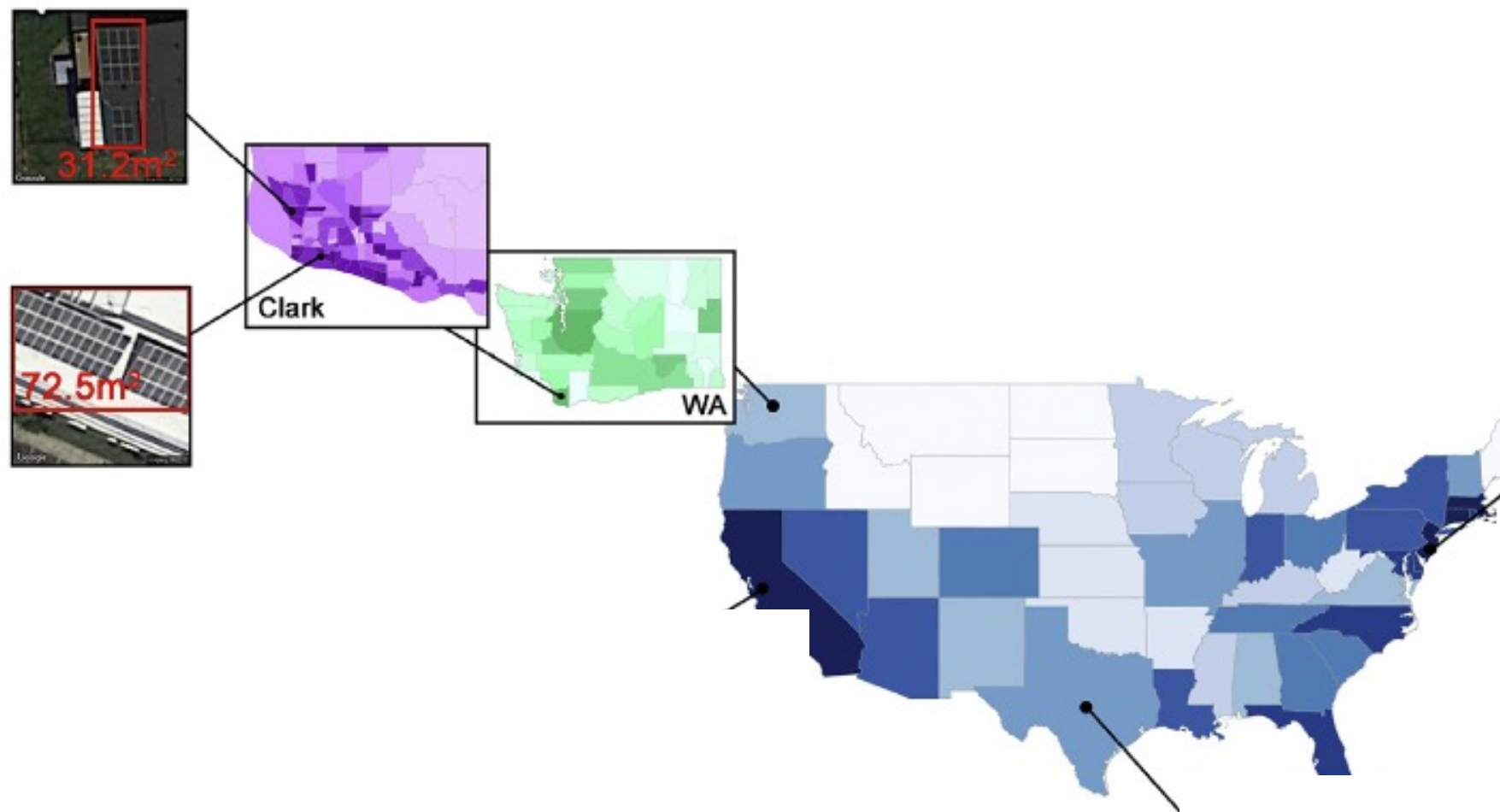
SINTEF



Technology for a better society

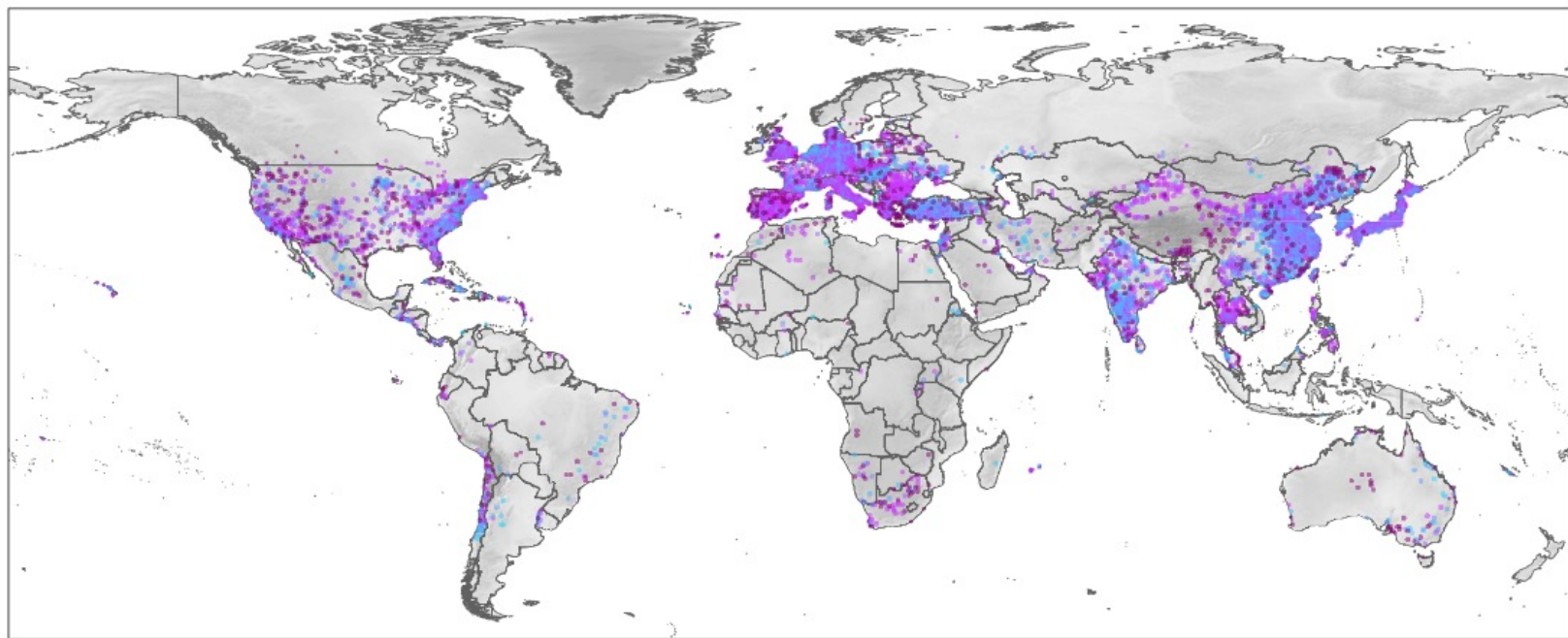
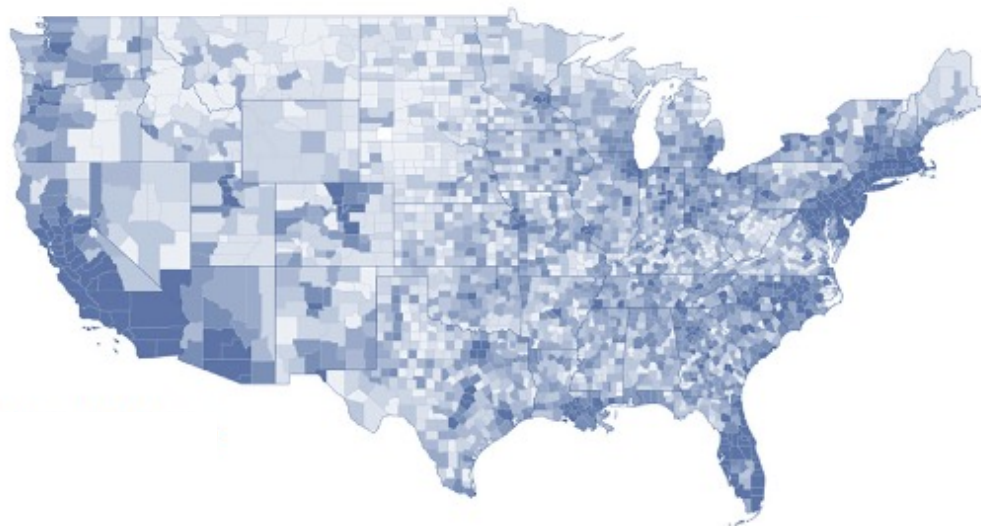


SINTEF





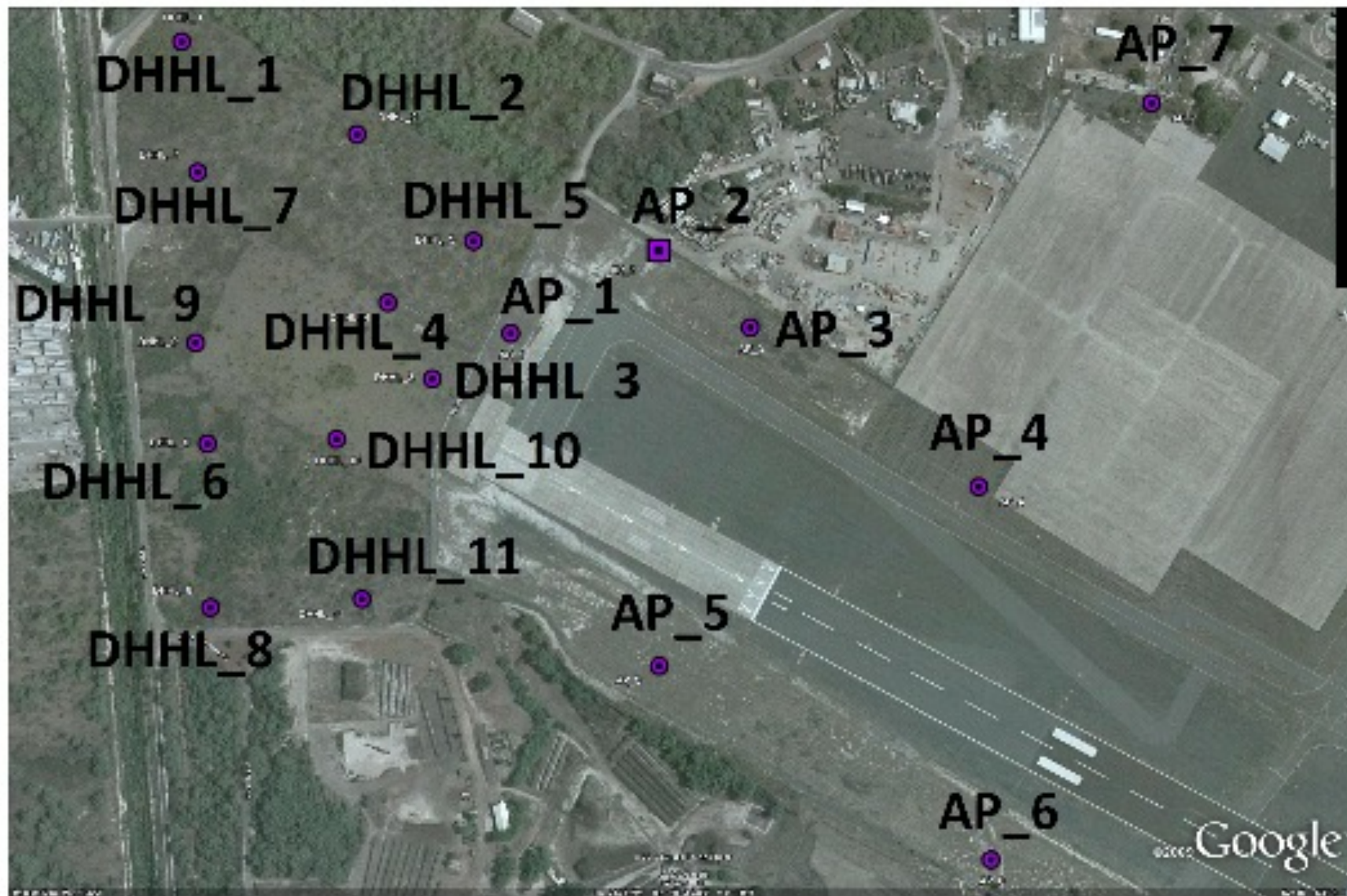
SINTEF



Yu et al (2016)
Hou et al (2020)
Kruitwagen et al (2021)



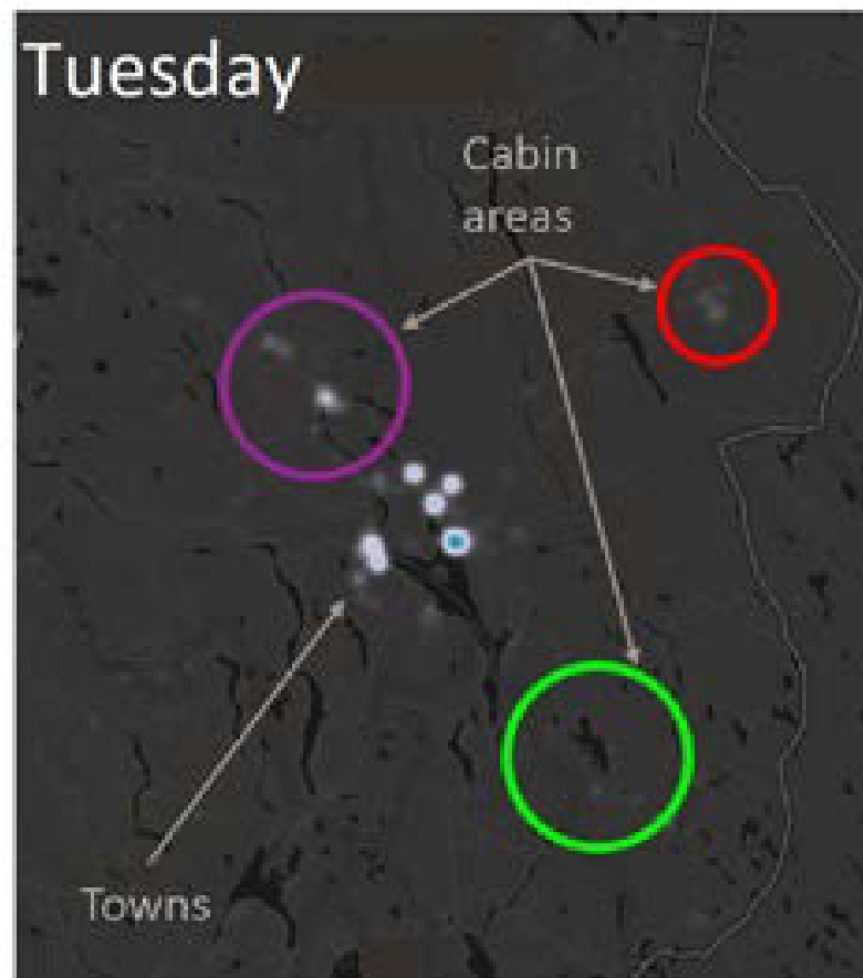
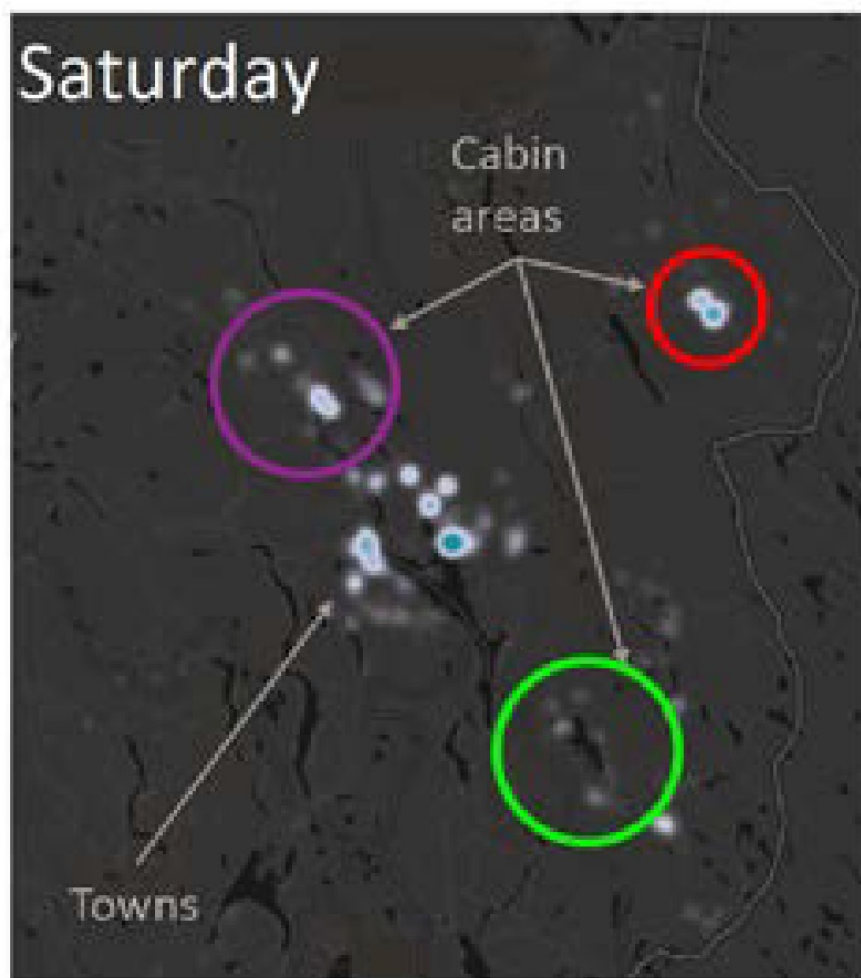
SINTEF



Technology for a better society

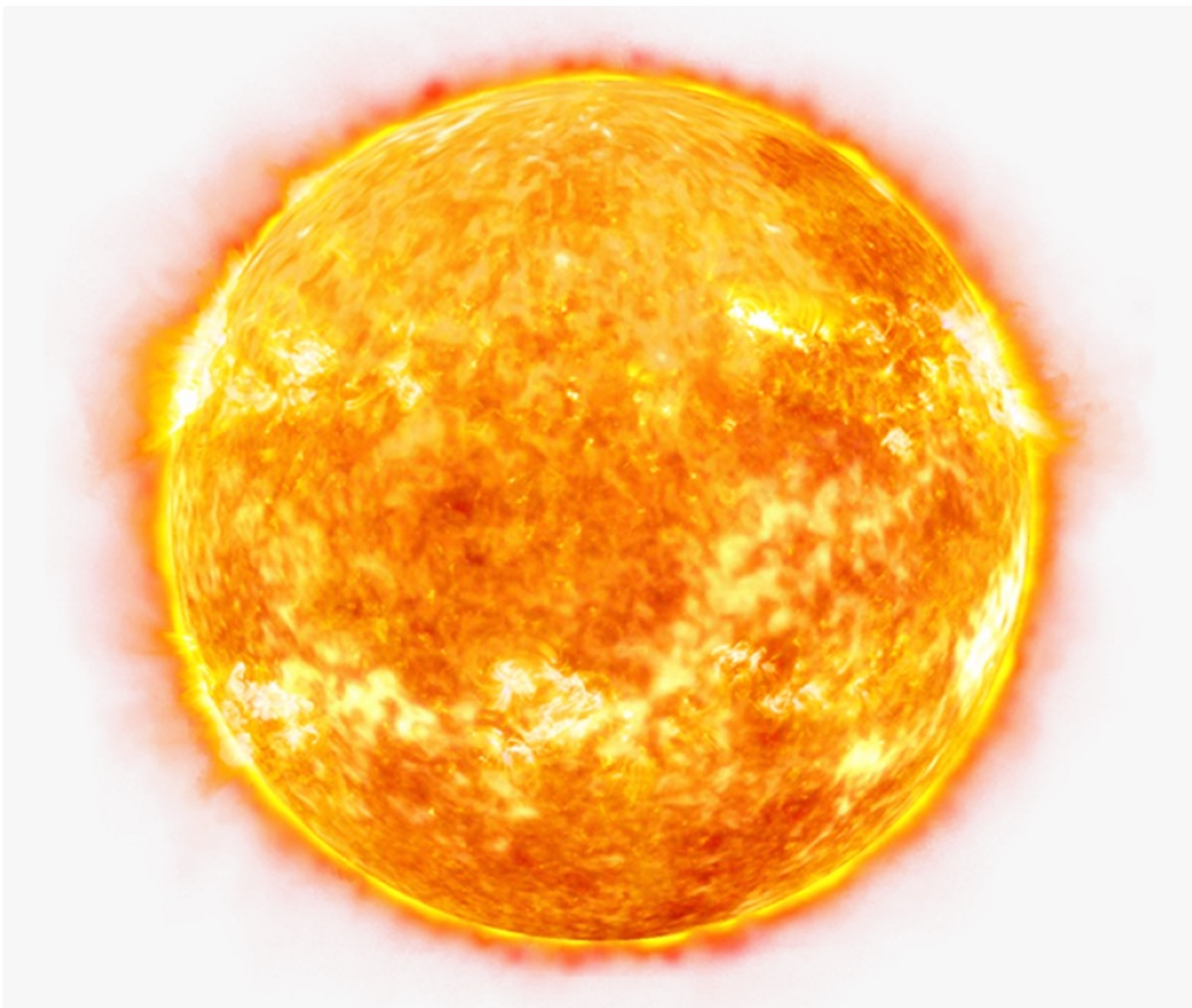


SINTEF





SINTEF





SINTEF

Conclusion

We're in trouble

Renewables are a leverage point

Renewables are more volatile

AI can help with that



SINTEF

Technology for a better society