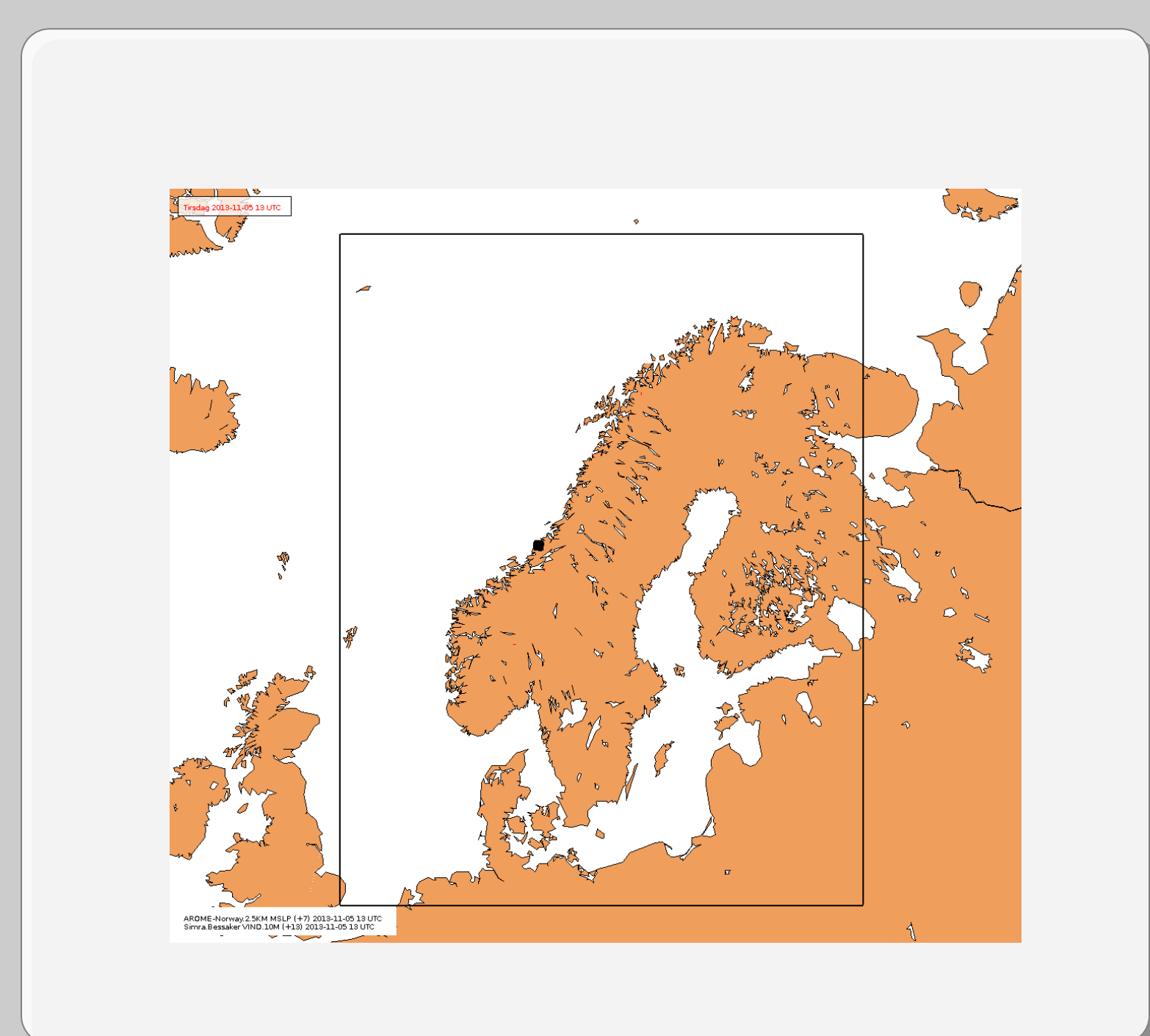
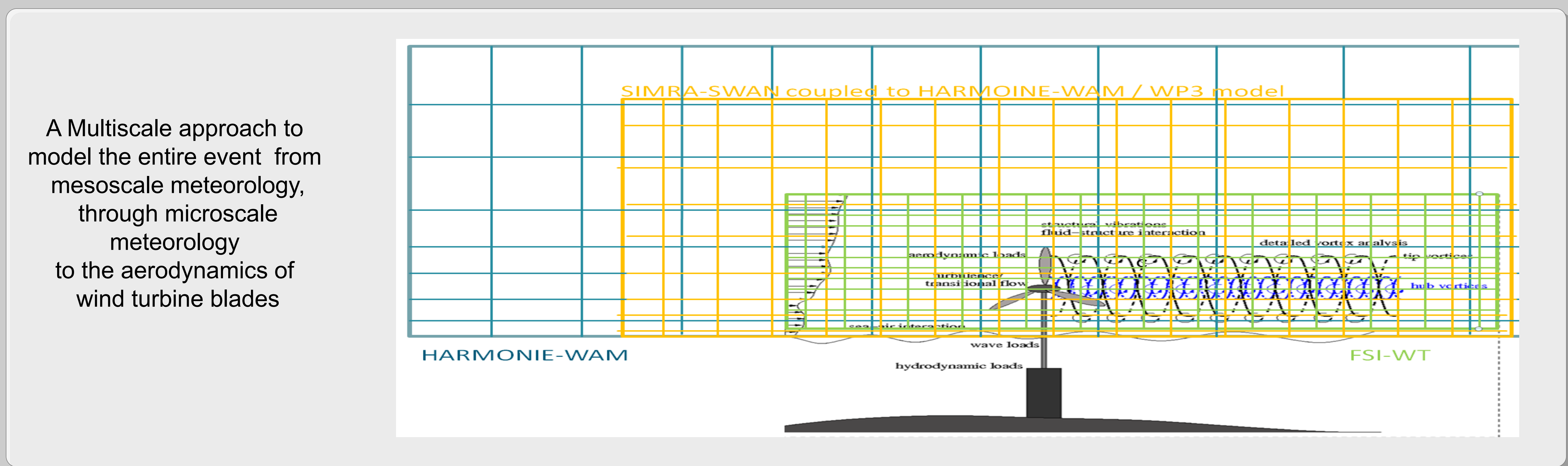


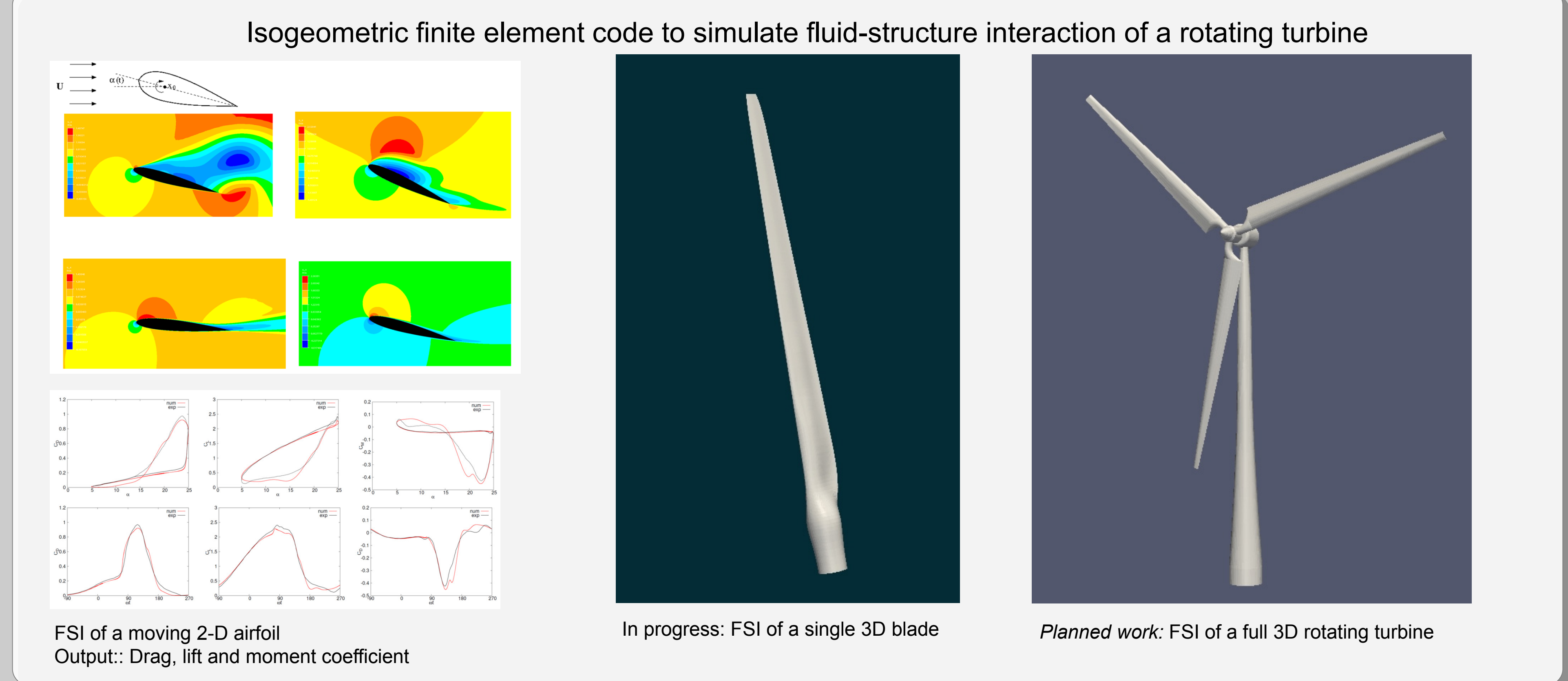
FSI-WT: A COMPREHENSIVE DESIGN METHODOLOGY FOR WIND TURBINES

Espen Åkervik¹, Jørn Kristiansen², Adil Rasheed³, Runar Holdahl³, Trond Kvamsdal³

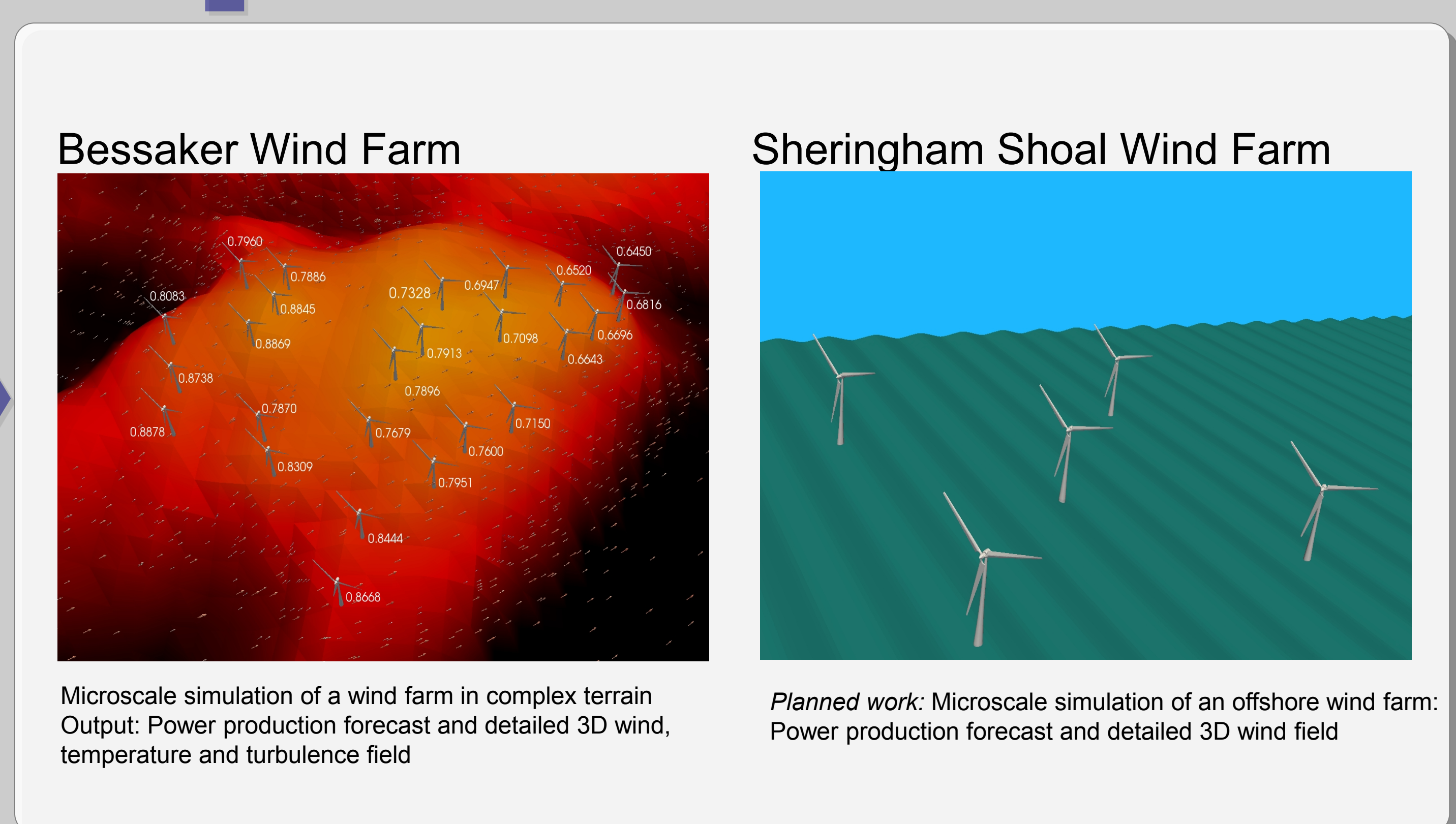
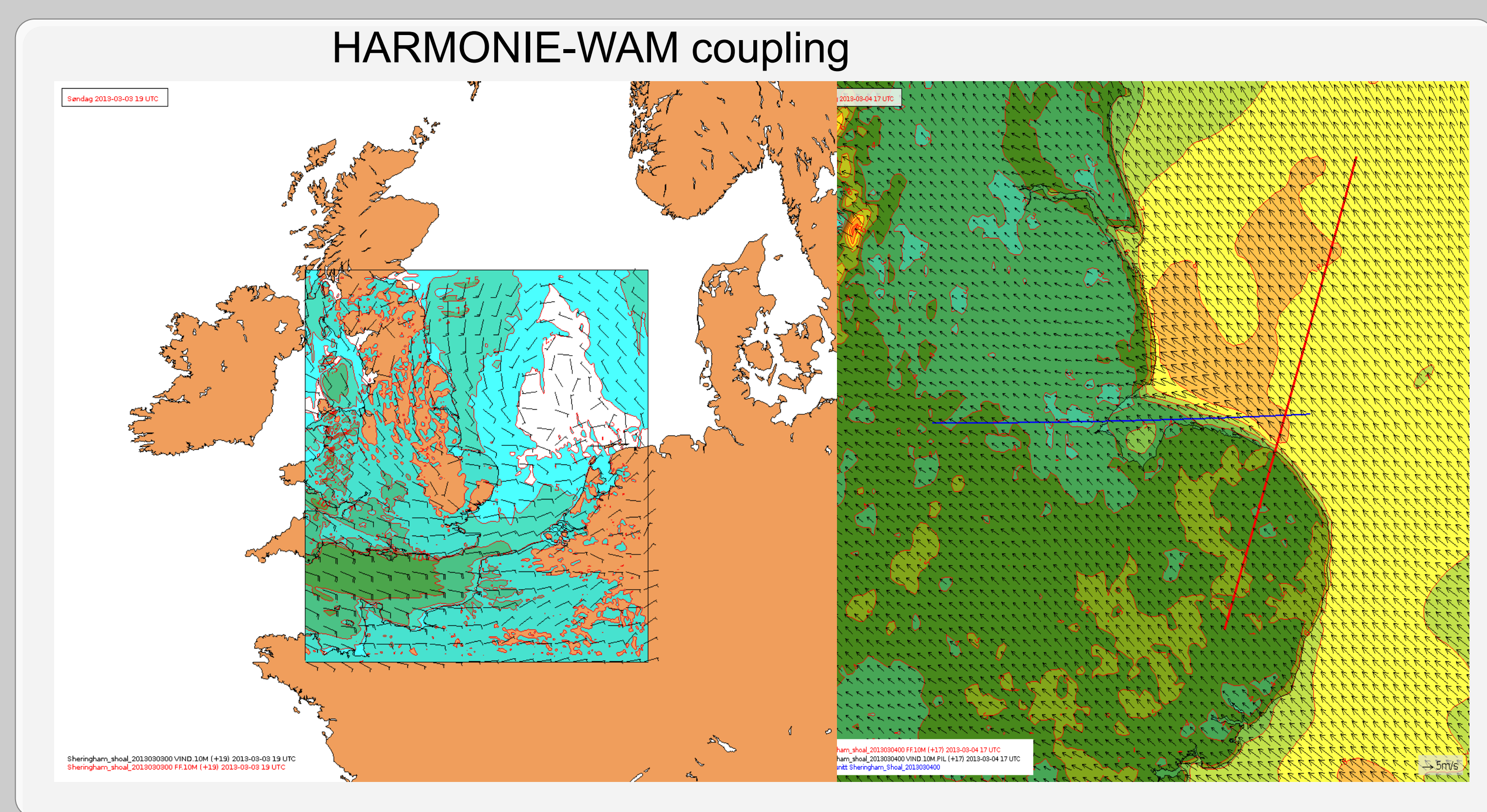
¹Norwegian Defense Research Establishment, ²MET Norway, ³Applied Mathematics SINTEF ICT



Global-Meso coupling

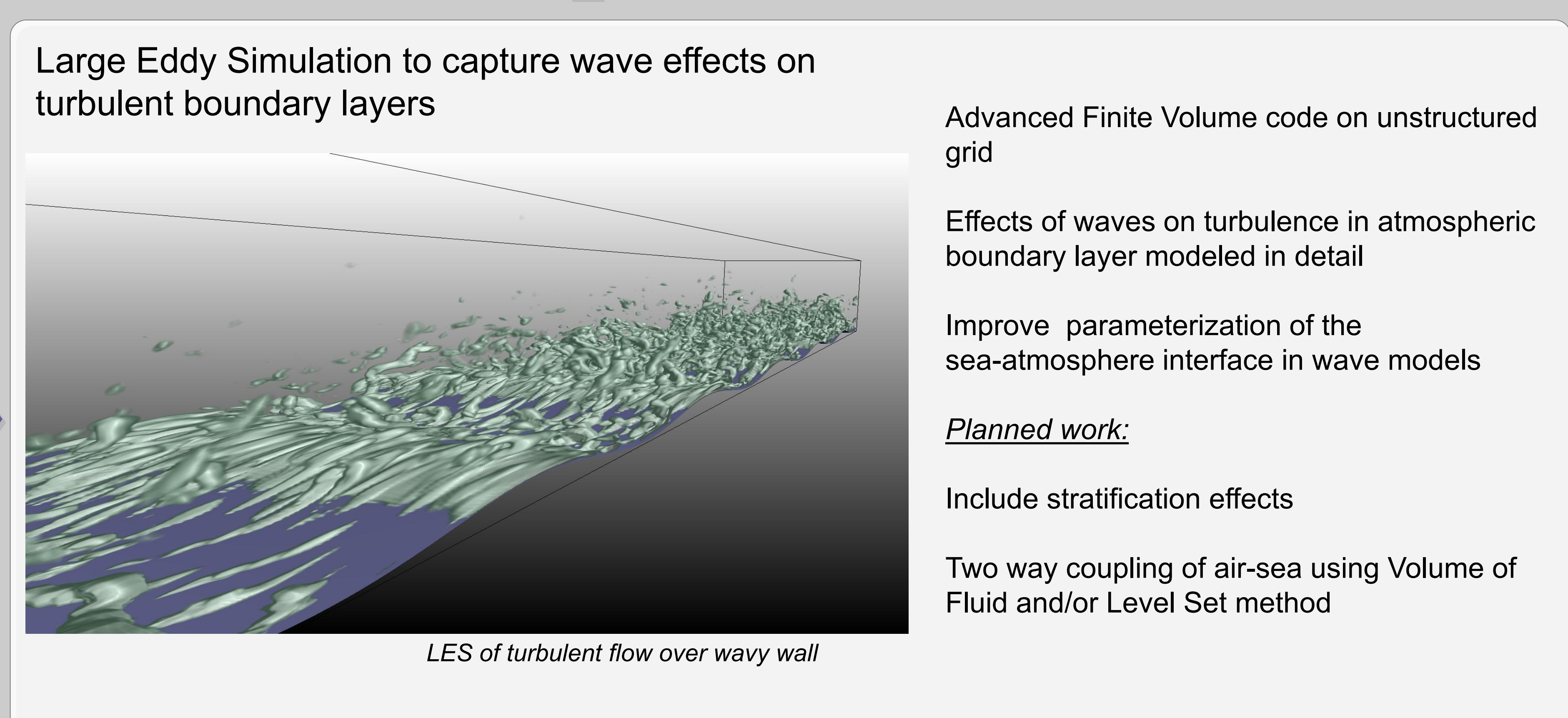
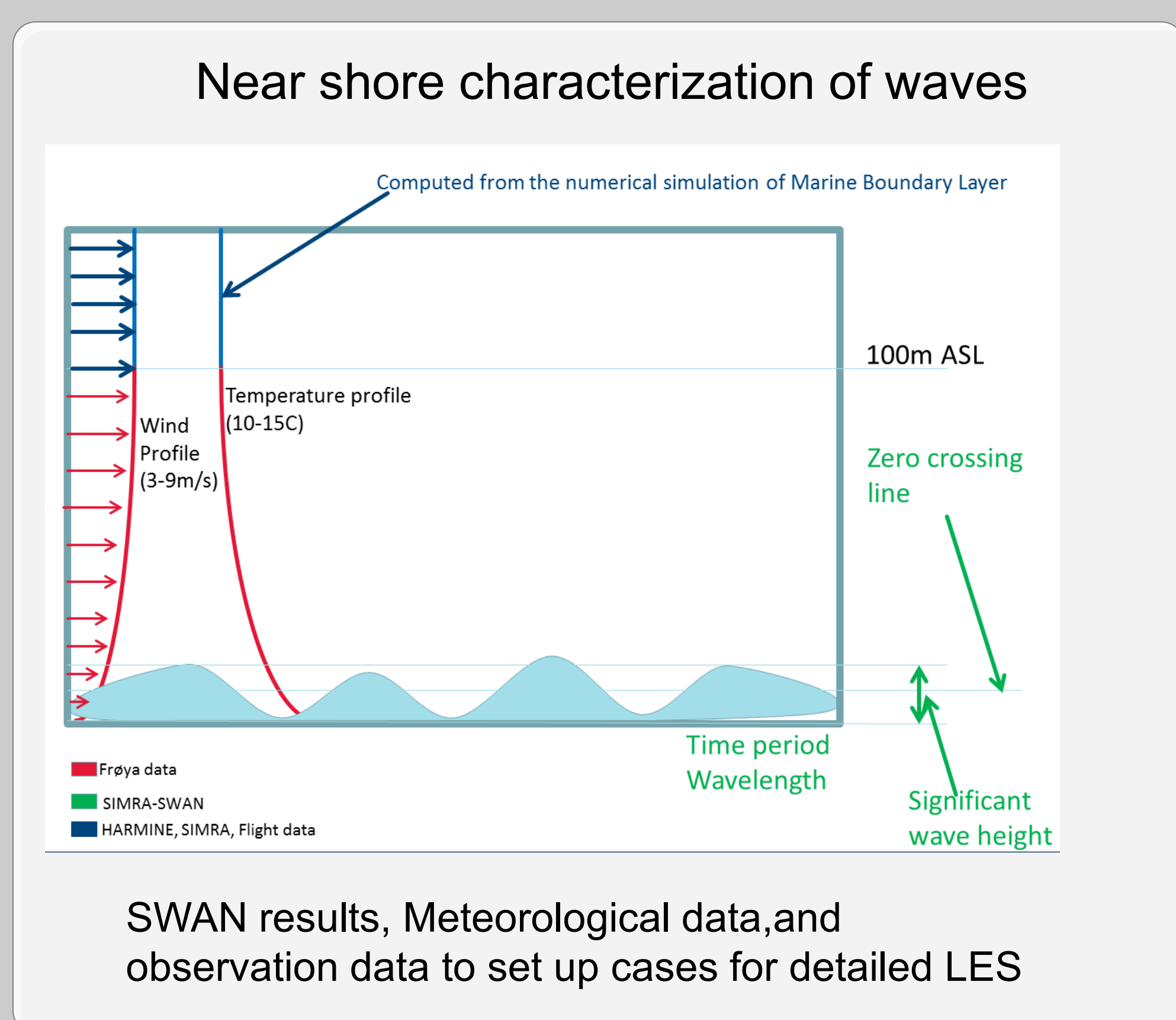


Boundary conditions: Wind and Turbulence for FSI simulation



WIND ENERGY FORECAST

Improved parameterization for modeling of air-sea interaction



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