

EUMETNET - E-TREND Joint Workshop on Postprocessing, Forecasting and Nowcasting for Renewable Energy (RenEUCast)

Wednesday, 10 December 2025

Wind energy application: Wind energy application - U-Residence (09:00 - 12:40)

-Conveners: Hossein Tabari

time	[id] title	presenter
09:00	[17] Modeling the impact of gigawatt-scale offshore wind farm clusters on regional wind and weather conditions	MUNTERS, Wim
09:50	[1] Day-ahead wind power forecasting with gradient boosting trees	BRUNINX, Max
10:15	[11] Development of a multi-layer atmospheric perturbation model	DELVAUX, Theo
10:40	Coffee break	
11:00	[3] Advancing Wind Power Forecasting with AI Weather Models	LERCH, Sebastian
11:25	[12] Adapting Machine Learning Weather Forecasting Architectures for Wind Power Prediction	VAN POECKE, Aaron
11:50	[15] A fast blockage-correction model for wind-farm power calculation	DEVESSE, Koen
12:15	[26] Wind Energy Ramp Events: On the meteorological events causing sudden changes in wind energy generation	JONES, Vaughan