

More than a ceilometer

New and enhanced measurements

- High resolution attenuated backscatter profiles
- Depolarization measurement for liquid solid differentiation

High performance

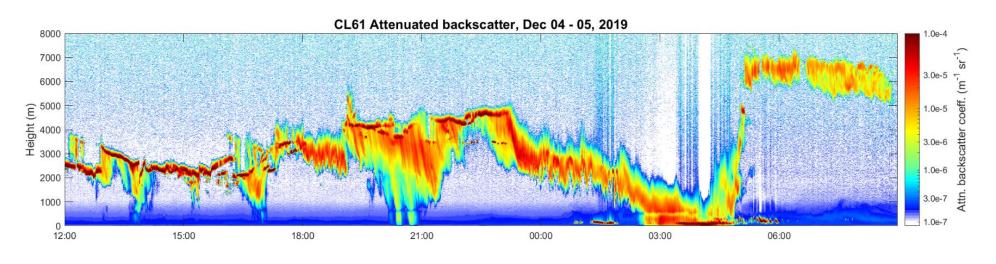
- Unique single lens technology for low altitude detection
- Minimized water vapour absorption, 910.55 nm
- Traceable factory calibration

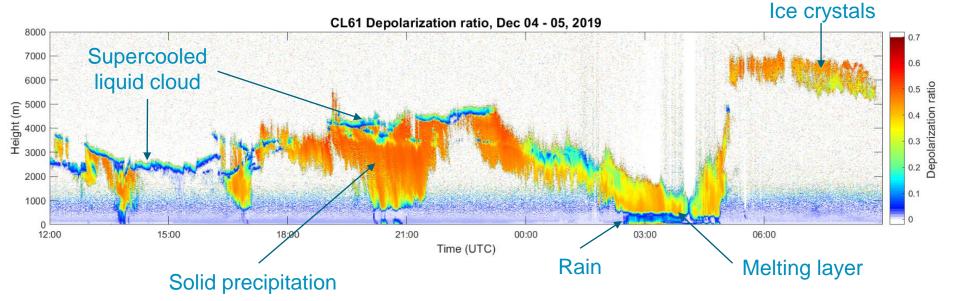
Designed for operational use in networks

- Measures reliably in any weather condition
- No consumable parts
- Professional software security
- Attractive pricing



More information with depolarization measurement

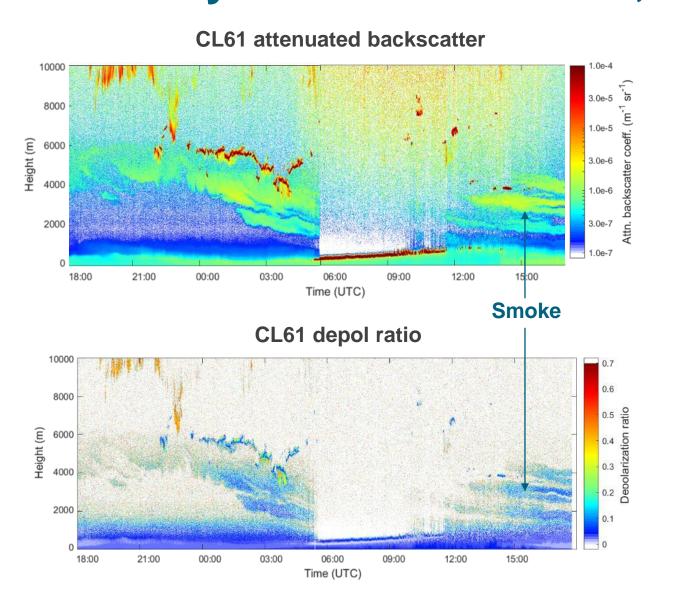


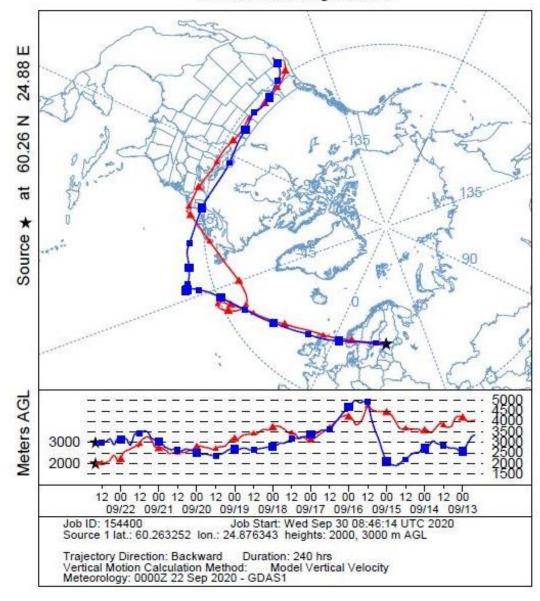




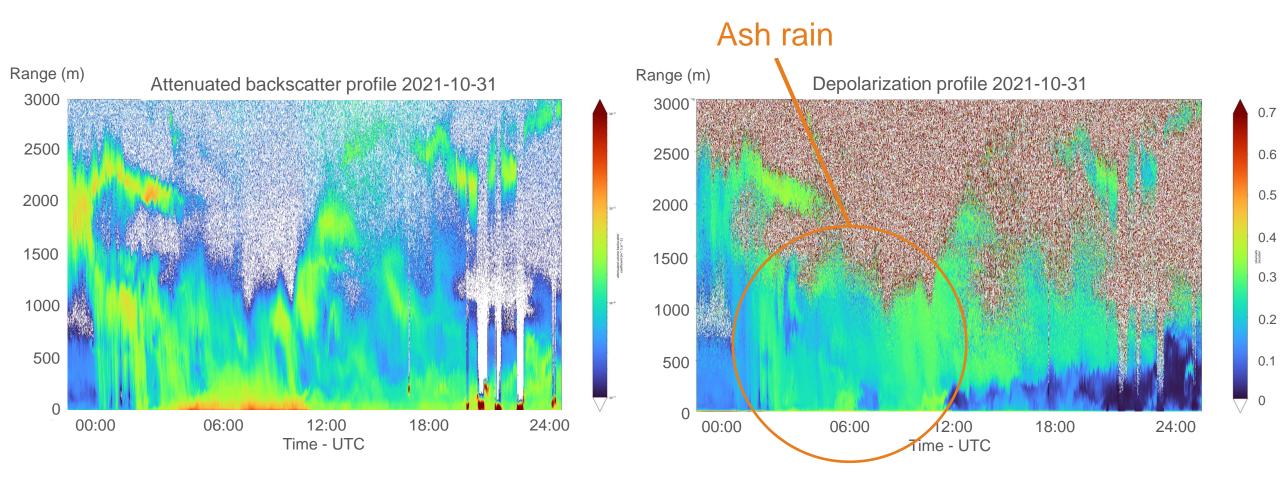
Smoke layers from California, US

NOAA HYSPLIT MODEL Backward trajectories ending at 1600 UTC 22 Sep 20 GDAS Meteorological Data



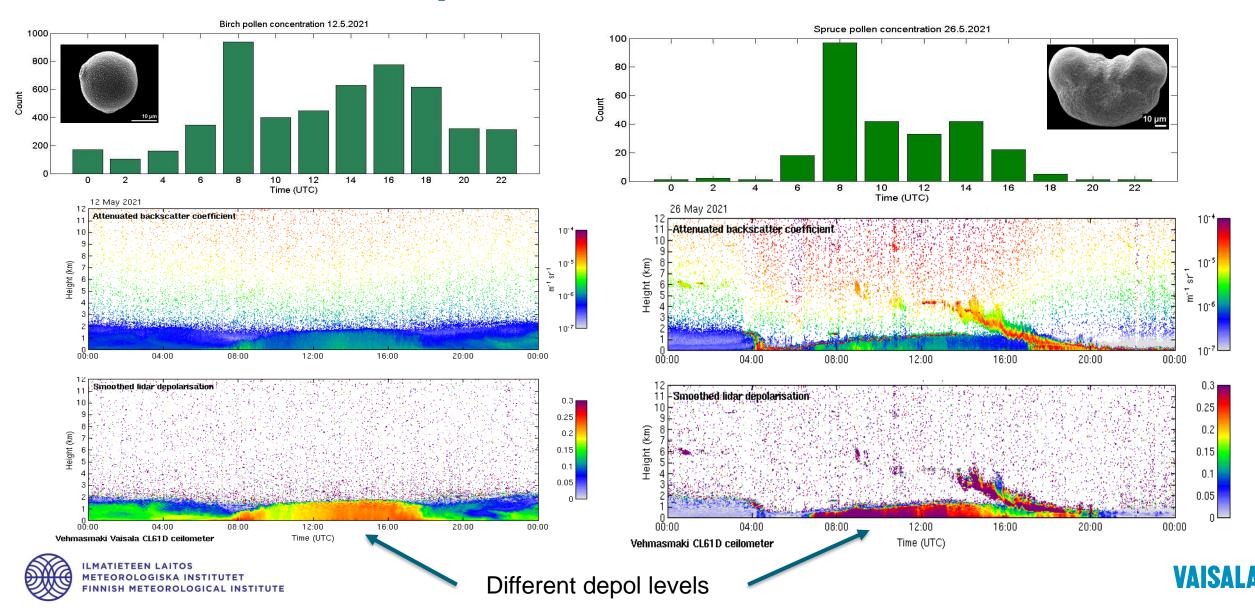


Example – Volcanic Ash from Cumbre Vieja, La Palma

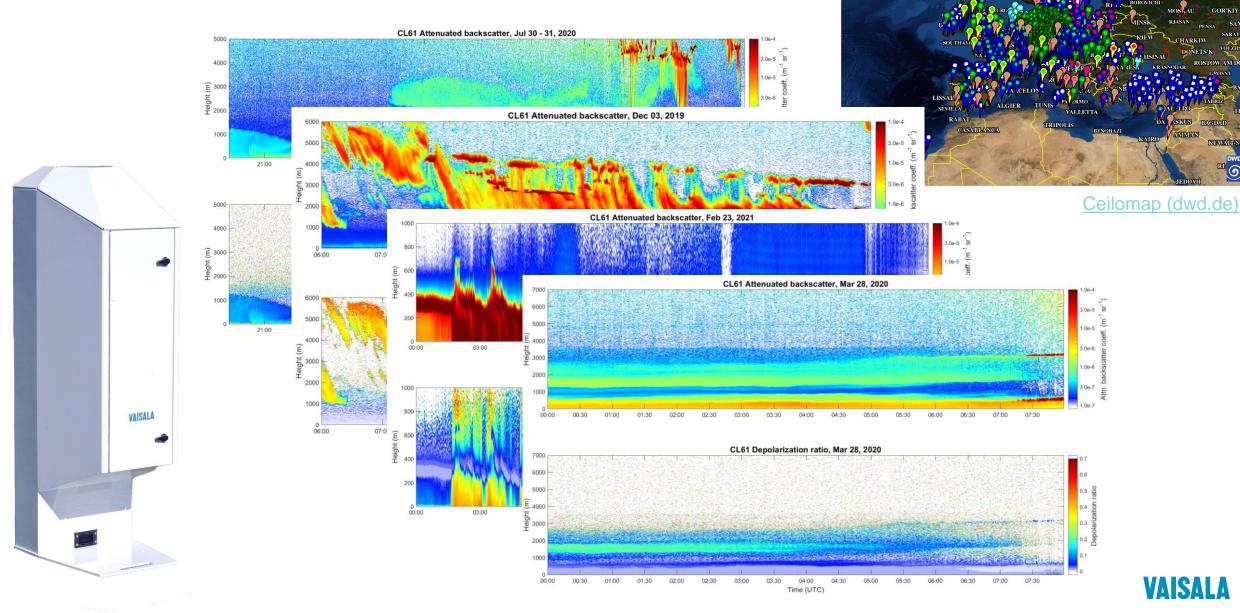




Pollen detection (birch and spruce) in Vehmasmäki, Kuopio

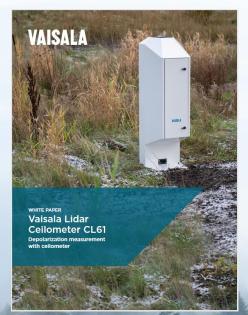


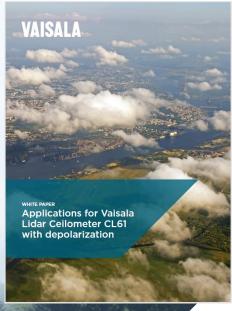
Conclusions





Thank you for your attention! Questions?





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