

E-PROFILE Update

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E-PROFILE ALC Network



Status of the network (July 2017)

- 89 instruments
- 4 instrument types
- 15 institutions
- 12 countries
- 303 383 files

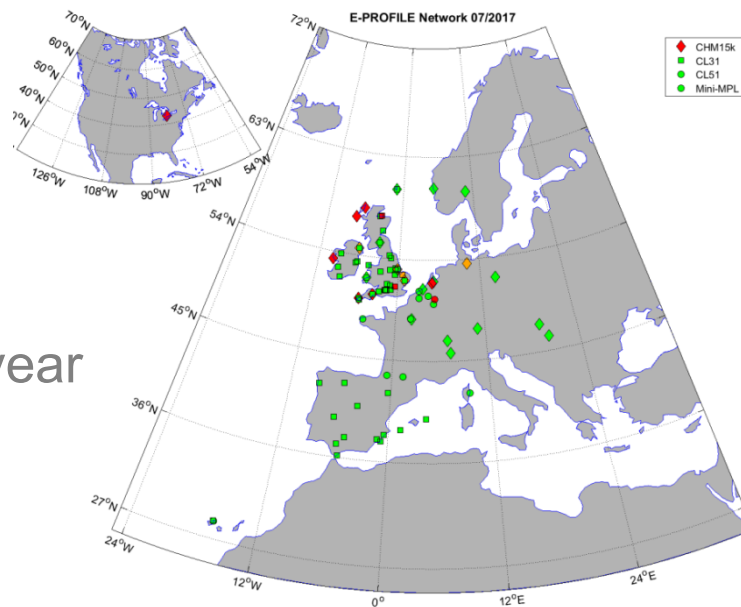
Aim: 250 instruments at the end of the year

Calibrated data:

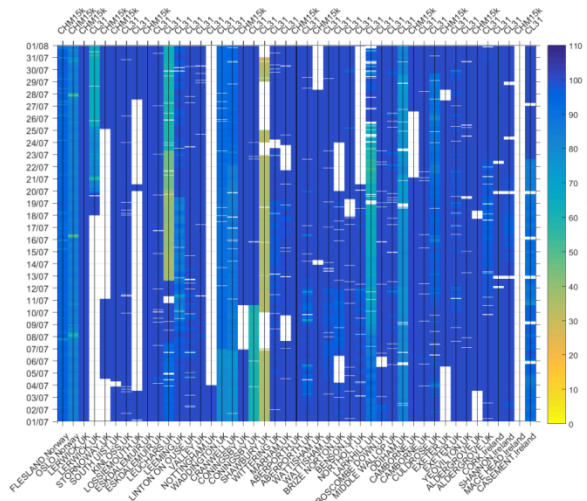
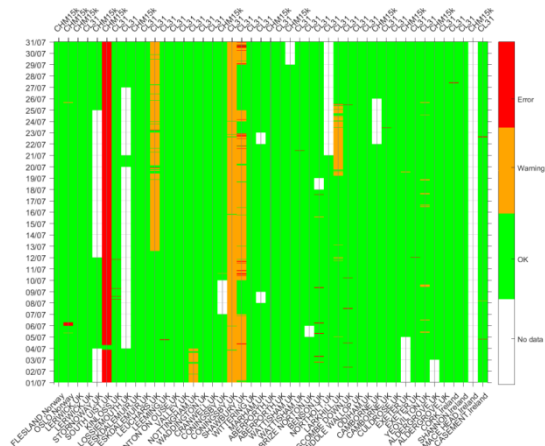
- Monthly Calibration for Mini-MPL et CHM15k
- Manufacturer calibration for Vaisala

Data visible at

<http://eumetnet.eu/alc-network>



Monthly Monitoring




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- Errors, Windows transmission, Laser energy

Firmware version

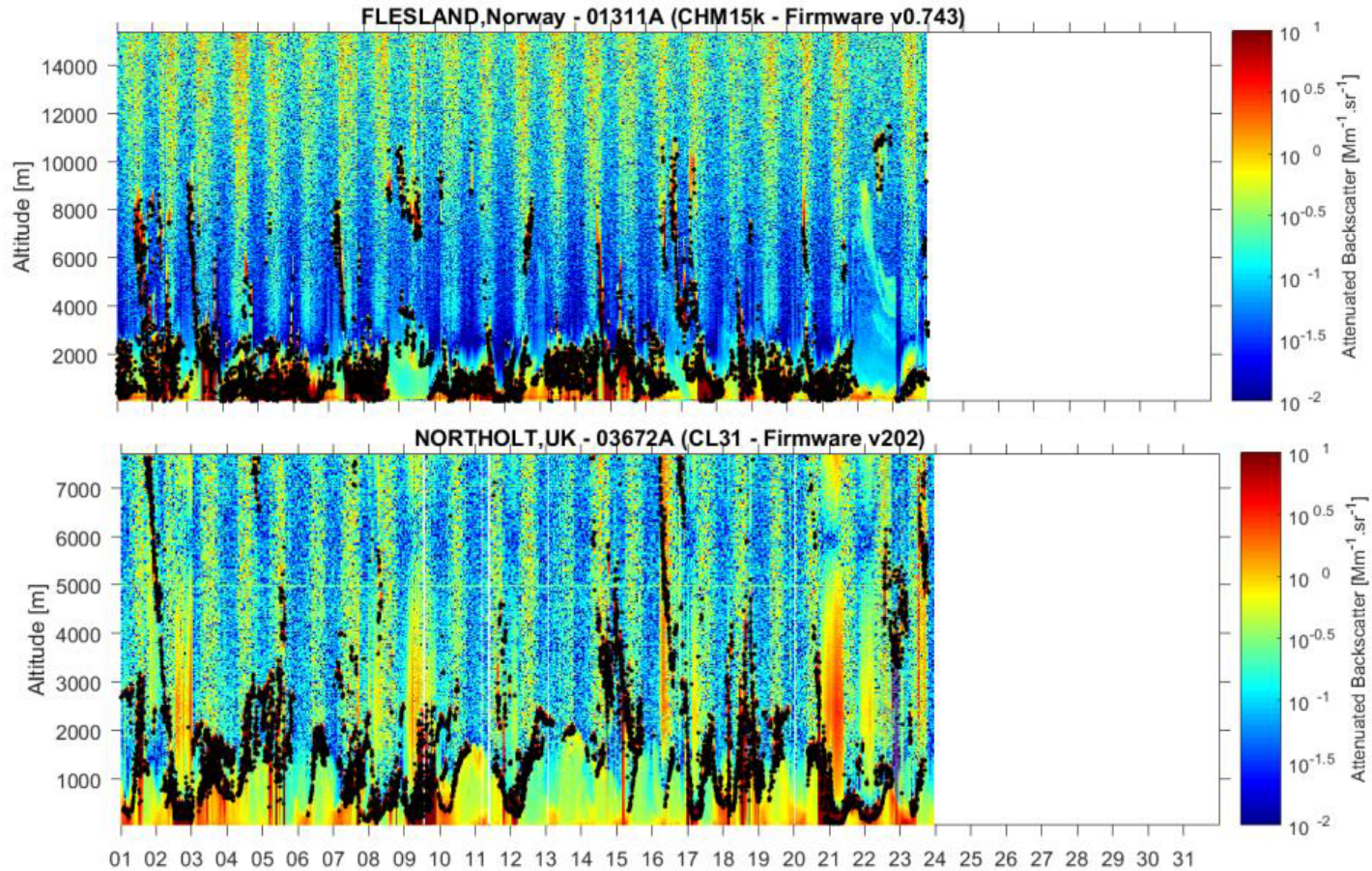
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Calibration

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Monthly Overview



Wind Lidars

- Integration of Doppler lidars will be pursued in 2018 according to best efforts.
- The following Cost/benefit/feasibility studies will be performed during first half of next phase:
 - new ALC products (depol, bcs/ext coef, abl height,...)
 - integration of MWR observations
 - lifecycle of European Radar wind profiler network