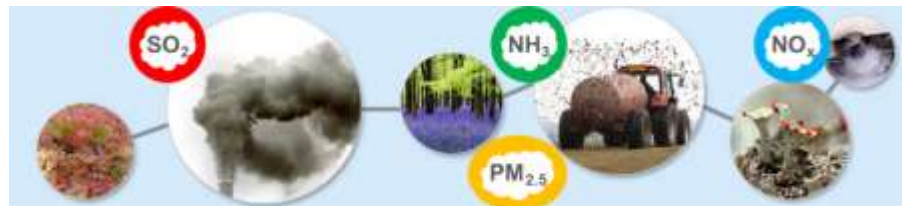


DELTA-Mi: Miniaturised air sampling system with sensors

SCOPING STUDY

To develop a compact, off-grid low-cost **DELTA-Mi** air sampling system for reactive gases and aerosols

WHY?



Biodiversity loss

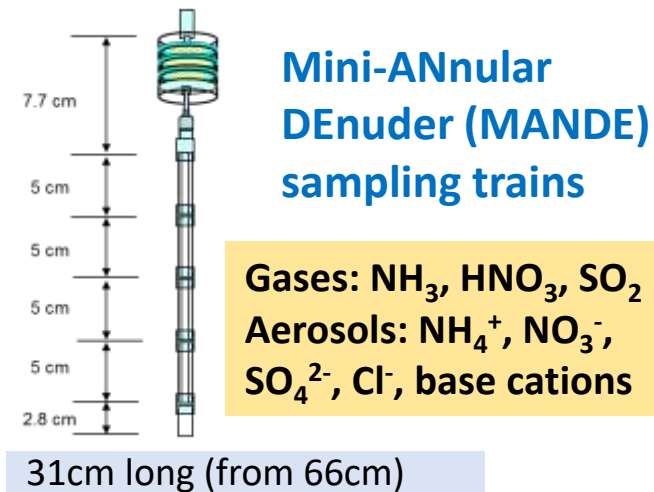
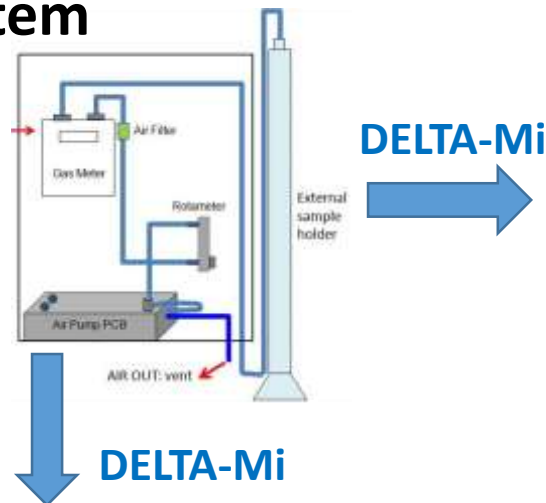
Human health

Climate change

BECAUSE

- Enable wider use, particularly low resource countries
- Increase measurement data
- Support clean air policies

DELTA[®] System



“UAV-ready sensor”

- Flow sensing and telemetry
- Sensors: T, RH, P

Collaborations	Expertise
UKCEH	Trace gas/aerosol research, method development
STFC	Miniaturisation, sensors (UAV sensor), spectroscopy
U. Coventry	Sensor applications