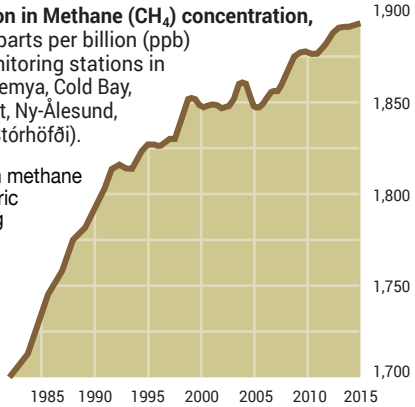
Short-lived climate pollutants



Mean evolution in Methane (CH_4) concentration, expressed in parts per billion (ppb) for seven monitoring stations in the Arctic (Shemya, Cold Bay, Utqiagvik, Alert, Ny-Ålesund, Summit, and Stórhöfði).

Long-term methane atmospheric monitoring sites



Shipping emissions in 2015 (NO_x, CO_2, SO_2 and $PM_{2.5}$): average measured concentration per cells of 100 km² in tonnes

- More than 1
- 0.1 to 1
- 0.01 to 0.1
- Less than 0.01
- No emisions or no data

Main poleward transport routes from lower latitudes

Black Carbon emissions in 2015

Residential emissions (tonnes per year)

- 0.05 to 5
- 0.01 to 0.05

Flaring emissions (tonnes per year)

- 0.05 to 5
- 0.01 to 0.05