

ST2: Protocol for measurements of ambient Black Carbon (BC) with instrumental and operational settings to determine the source contributions from biomass burning and road traffic.

The linked resources for ST include:

- 1) RI-URBANS general guideline document on non-regulated air pollutants:
D1 (D1.1) Guidelines, datasets of non-regulated pollutants incl. metadata, methods
https://riurbans.eu/wp-content/uploads/2022/10/RI-URBANS_D1_D1_1.pdf
Particularly section 3.
- 2) Data requirements for the NRT online source apportionment is described in D4 (D1.4) NRT source apportionment ST for submicron carbonaceous matter (pilots) https://riurbans.eu/wp-content/uploads/2023/01/RI-URBANS_D4_D1_4.pdf
- 3) The guidelines and standard operating procedures are updated by ACTRIS Calibration Facility for aerosol in-situ measurements: <https://www.actris-ecac.eu/particle-light-absorption.html>

Scientifically this ST2 links Savadkoohi et al. (2023): <https://doi.org/10.1016/j.envint.2023.108081>, which summarizes the current state-of-the-art in BC and provides scientific interpretation of the recent BC measurements in urban European environments.