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954377 – nPETS

# NANOPARTICLE EMISSIONS FROM THE TRANSPORT SECTOR: HEALTH AND POLICY IMPACTS

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**Deliverable Name:** D4.1 - Input to nPETS database from field-campaigns

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## History of Changes

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## Contents

Executive summary and deliverable description..... 4



## Executive summary and deliverable description

The current deliverable is included in WP4 “Field (near-source) measurements” which aims at measuring nanoparticles in near-source field locations in the four core cities (Barcelona, Stockholm, Thessaloniki, and Milan) with the main goal of discerning the particle number size distribution (PNSD) of different transport modes in ambient air and provide samples for the toxicology assay (WP5), the physico-chemically characterization and source apportionment (WP6). The specific objective of this Deliverable are as follows:

- To monitor and sample nanoparticles from road, shipping, rail and aviation in field (Tasks 4.1 to 4.5)
- To provide data in order to characterize PNSD in ambient air from each transport mode (D4.2)
- To provide data in order to separate fresh vs. aged nanoparticles contributions (D4.3)

It should be noted at this point that tasks 4.1 to 4.5 are still ongoing, thus this deliverable provides the current status of data collection. During the following period this deliverable will be updated include the remaining part of the measurements.

The main part of this deliverable comprises a group of excel files which are available at <http://160.40.60.237:8888/nanoparticles/nanoparticles-table.php>