



ODORPREP

Automated Odor Emission Sampler



Information Note

The European project



Since 2012, Lab Service Analytica srl (hereinafter “LabService”) has developed and patented OdorPrep®: the first automatic remote-activated sampling system for odour emissions designed in response to the Quality Standard for “Determination of Odour Concentration by Dynamic Olfactometry” (UNI EN 13725:2004).

In October 2016, [LabService](#) was awarded and funded by the European Commission for the [OdorPrep® project, having successfully passed the second selection phase \(Phase II\) of the SME Instrument under Horizon 2020, the European Framework Programme for Research and Innovation.](#)

Following an analysis of technical/scientific and commercial feasibility and the potential social impact of the project, Phase II of the SME Instrument concerns *the large-scale validation and demonstration, in a real and industrially relevant environment, of the new version of OdorPrep®.*

Parties involved

The experimental validation will involve European Regional Environmental Authorities, Universities, Research centres, Specialised companies and Industrial/Production sites that are the source of odour emissions into the ambient air.

Aims



In the European assessment of economic and social impact, OdorPrep® was proven to be effective in the on-demand sampling of odour emissions, and the system was considered suitable for the potential active participation of the community whereby, subject to a provision of the competent Authority and in accordance with specific conditions set by said Authority, odour alerts may be submitted and sampling may be started.

Experimental field tests at sites of national or international interest are intended to obtain significant results on the operation of the technology and its social implications (where allowed by the case study).



The data, the conclusions and the related publications may be made public by LabService through conferences, academic articles, social media and a dedicated website, and by the European Executive Agency for Small and Medium-sized Enterprises (EASME) during reporting, which includes sections for the public.

Duration

The Project, which was officially launched on 1 March 2017, shall be for a period of 24 months.

Prototypes of the new system will be produced throughout 2017 and will involve the use of sensors and different sampling methodologies, and *Expressions of Interest (Annex A)* will be collected from public and private European entities interested in field testing. Experimental validations of the prototype system and its software platform are expected to start in 2018, for up to twelve months.

Expressions of interest

An expression of interest (Annex A) is the preliminary, non-binding document between parties, with which the Company/Entity expresses its interest in participating in the large-scale validation and demonstration of the new OdorPrep[®] model: a system for the sampling of odour emissions.

Following a focus meeting between the proposer's representative and the technical personnel of the OdorPrep[®] European project, LabService will assess the technical and operational feasibility of the testing proposal and the instruments required to meet the proposer's needs.

On receiving a positive assessment, LabService and the proposer's representative will agree on the timeframes and procedures for the sampling programme.

The OdorPrep[®] system, the related equipment and associated software platform shall be provided by LabService under a free loan for use for the duration of the experimental validation.

The Expression of Interest can be sent by email to the project manager's email address as listed in Annex A.

The deadline for submitting Expressions of Interest is set for Friday, 22 December 2017.