A Bulgarian Start-up is looking for expertise for an EIC Accelerator project in the field of air quality dispersion modelling

Summary

Profile type	Company's country	POD reference
Research & Development Request	**Bulgaria**	**RDRBG20220620006**

Profile status	Type of partnership	Targeted countries
PUBLISHED	**Research and development cooperation agreement**	**• World**

Contact Person	Term of validity	Last update
Danitsa Yanakieva	**20/06/2022** **20/06/2023**	**23/06/2022**

General Information

Short summary

A Bulgarian Start-up company that develops environmental technology solutions is preparing a proposal for the EIC Accelerator. As part of the concepts, an external expertise is required to fulfil the technology gap of the team related to the dispersion modelling of air quality data in near real-time.

Full description

Full description: The proposal's outcomes are the introduction of new features and concepts on EU level in the field of air quality reporting and assessment. We would like to invite teams/institutes/partners to become part of the proposal and project by providing external R&D support in the field of dispersion air quality modelling based on big environmental real-time data for particulate matter and gases pollution.

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Advantages and innovations

Stage of development

Concept stage

Sustainable Development goals

• Goal 17: Partnerships to achieve the Goal

• Goal 13: Climate Action

IPR Status

No IPR applied

Partner Sought

Expected role of the partner

o   To work together with the software development team of Senstate the company under an EU project;
o   To choose the most appropriate modelling algorithms based on the available data and integrate them into the current software infrastructure;
o   The modelling algorithms should be able to interpolate based on real-time or almost real-time data with the given precision;

Type of partnership

Research and development cooperation agreement

Type and size of the partner

• University

• R&D Institution

• Other

Dissemination

Technology keywords

Market keywords

• 02007015 - Integrated software

• 08004001 - Air filters and air purification and monitoring equipment

• 02007004 - Program development tools/languages

• 05007004 - Monitoring equipment

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Targeted countries

Sector groups involved

- **World**