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**Partner search**

**Date (DD-MM-YY)**

* **(\*) Indicate numbers of relevant topics for Green Deal call:**

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| LC-GD-9-2-2020 Developing end-user products and services for all stakeholders and citizens supporting climate adaptation and mitigation; 2. LC-GD-10-3-2020 Enabling citizens to act on climate change, for sustainable development and environmental protection through education, citizen science, observation initiatives, and civic engagement. |

* **Quick description of the project**

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| **(describe the objectives, activities, partners requested and their skills)** |

* **(\*) Do you intend to apply as ? :**

**Coordinator: No**

**Participant: Yes**

**(\*) Either Description of the expertise requested (up to 1000 characters) - *specify which points of the "expected impact" of the call you are targeting***

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**Or Description of the expertise proposed (up to 1000 characters) - *specify which points of the "expected impact" of the call you are targeting***

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| Noosphere has established a global community of scientists, researchers, and business experts and created a number of social initiatives. Noosphere is currently developing global air quality monitoring platform, while shaping technology and knowledge vertical around it. We have already brought together scientists and students, members of non-governmental organizations, and local authorities. The objectives of our activities coincide with the two calls of Horizon 2020Noosphere can perform broad range of tasks including but not limited to:-Organize knowledge-sharing, solution-development and information dissemination events. -Contribute towards education in the area of climate.-Hold “Green” acceleration and incubation programs. -Organize and facilitate demonstration of the project activities.-Support and co-organize EU-Ukraine exchange programs. -Improvement of YourAirTest mobile application and web-platform, in the part of integration of the system with other software and projects.-Mapping of regions or particular zones represented by multiple layers.**+key words : air quality, cloud technologies, air analyzers, education, acceleration of innovation** |

**Organisation information**

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| **Organisation and country:** **NGO “Association Noosphere” (Noosphere), Ukraine** |
| **Type of organisation:****□ Enterprise □ SME □ Academic □Research institute □ Public Body □ Other: Association** |
| **Former participation in FP European projects?****□ Yes □ No** |
| **Web address:** <https://noosphereglobal.com/> |
| **Description of the organisation:** **NGO Association Noosphere (Noosphere)** is a Ukrainian non-profit, volunteer, and non-governmental organization (<https://noosphereglobal.com/>)Noosphere has established a global community of scientists, researchers, and business experts and created a number of social initiatives, including educational events, conferences, workshops, and competitions in technical sports. Noosphere has developed its innovative ecosystem that is one of the leading in Ukraine.FACTS ON NGO ASSOCIATION NOOSPHERE- Ukrainian Social project awards winner in 2018- Meet and Code Awards 2018 Finalist- 2nd place at European Satellite Navigation Competition. Catalonia Challenge 2018.- Global Technical partner of World Air Sports Federation | Fédération Aéronautique Internationale - The NGO is a Member of the U.S.-UKRAINE BUSINESS COUNCIL (USUBC)Noosphere is also proud of the successful projects that have created a network and a large number of supporters. Here are some of the Noosphere’s previous or ongoing projects.- **Noosphere Engineering Schools** - One of the most important results of the Organisation is the network of Noosphere Engineering Schools, which is a joint initiative of Noosphere and leading Ukrainian universities. At present, the Noosphere Association has already established 6 engineering schools - IT centers for research and engineering activities based on leading technical universities of Ukraine in the Western, Central and Eastern parts of Ukraine (<https://noosphereengineering.com/>).Key Performance Indicators of Noosphere Engineering Schools starting from 2014:* 20+ types of educational programs and workshops were held
* 2040 students have passed educational programs;
* 286 students took part in innovative projects development;
* More than 7000 students took part in activities and the events of the schools;
* 1K+ persons volunteered in the events and activities of the schools;
* 64 professional mentors were engaged;
* 2 spin-off companies.

- **Vernadsky Challenge** – international startup competition and unique development platform for creative and talented specialists who are ready to implement their innovative projects. Over three years of its existence, the competition has united 576 participants from 14 different countries. 10 winning startups received grants to develop their projects making a total amount of $5 million. 70% of granted startups receive further private and public investments including funding from venture funds and the H2020 SME-instruments program.* **Scientific-educational Space and Technology center** (dual education center). In efforts to embolden the Ukrainian rocketry industry, June 27, 2019, saw Firefly Aerospace Ukraine, Association Noosphere, Dnipro National University and Kyiv Polytechnic Institute established the dual educational center that offers Masters Degrees in aerospace-related disciplines, specifically Aerospace Engineering and Material Engineering.

**- YourAirTest** (project under development) is an IT system that automates the processes of assessing and forecasting air quality, identifies the source of air pollution, collects and processes complaints from citizens to regulatory authorities regarding exceeding the allowable level of harmful substances in the air. [https://yourairtest.com](https://yourairtest.com/) - **The MONAIR** is an inexpensive air quality monitoring station. The data from the device is available through the online service and mobile application around the clock. The project will allow residents of large cities to control the quality of the air they breathe.- Practice-based educational and **training programs in the sphere of STEM** for students, children and practitioners. Noosphere implemented a number of training activities each year. One of the training programs (“Workshop of satellite analyses of planet’s ecology for pupils”) was implemented with linkage to the Horizon 2020 project and the Copernicus Academy. This workshop was recognized as the best event in Ukraine at the World Space Week 2019.- **Nasa Apps challenge** - Noosphere hosts the NASA-authorised hackathon annually starting from 2017. **Nasa Apps challenge** an international 48 hours hackathon that occurs over in cities around the world. In 2020 NASA Space Apps Challenge successfully shifted into on-line.- **Advanced Training**: **Response to conflict and security challenges in East Ukraine** –supported by the NATO SPS Programme and co-organized jointly with Harward Humanitarian initiative and Mechnikov Hospital (<https://natospsdnipro.noosphere.events/eng/index.html>) |

**(\*) Contact details**

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**(\*) –Mandatory**