

**REQUEST FOR EXPRESSIONS OF INTEREST FOR PARTNERSHIP
IN COLLABORATIVE RESEARCH PROJECTS BETWEEN RESEARCH
ORGANIZATIONS AND PRIVATE COMPANIES**

NATIONAL INSTITUTE OF RESEARCH AND DEVELOPMENT FOR ISOTOPIC AND MOLECULAR TECHNOLOGIES - INCDTIM, Cluj-Napoca, invites companies interested to establish a partnership, to express their intention to collaborate within a project of the Research Program (RO 02), financed through the European Economic Area (EEA) and Norway 2014-2021, namely:

EEA Grants - Collaborative Research Projects 2019.

Private companies interested in participating in the implementation of one of the projects described in the following are invited to submit an **Expression of Interest**.

I. Project title: Carbon nanostructures used for reducing environmental impact of organic contaminants in polluted waters

The main activities of the project consist of the development of nanomaterials based on carbon nanostructures and magnetic nanoparticles with controlled properties, in order to remove some environmental contaminants from different water sources.

The minimum condition that private partners must accomplish is to prove their experience in designing, delivering, installing and managing wastewater treatment plants.

II. Project title: Nanostructured microfluidic analytical platform for dual SERS-electrochemical detection of emerging environmental pollutants

The activities of the project will be focused on the development of an analytical sensing platform which combines enhanced Raman spectroscopy and electrochemical detection methods, for the detection of organic pollutants (pesticides) in the environment.

Minimal conditions the private partners must fulfill are:

- previous involvement in research projects;
- expertise on sensors;
- expertise on fabrication of metal films;
- expertise on nano/micro-lithography techniques.

Procedure for the selection of companies to establish a partnership, within the
projects of the Research Program (RO 02), EEA Grants - Collaborative
Research Projects 2019

1. **Purpose of the procedure:** a transparent selection of the companies with which will establish a partnership within the projects from Research Program (RO 02), EEA Grants - Collaborative Research Projects 2019.

2. **Application domain:** it is applied at the level of the implementation teams on domains established at the project level.

3. **Reference documents:**

- ✓ Package information and documents necessary to prepare the project proposal, from the address: <https://uefiscdi.gov.ro/eea-grants-proiecte-colaborative-de-cercetare>
- ✓ Ordinance 57/2002 on scientific research and technological development.

4. Description of the procedure

Stage 1. Identification of companies. Based on the letter of interest received from the economic agents, a letter specifying how the economic agent responds to the requirements of the notice posted on the INCDTIM website.

<https://www.itim-cj.ro/documents/Solicitare-expresie-de-interes-EEA-Grants.pdf>

Stage 2. Direct meetings. These type of meetings is held together with the companies that have expressed interest in the project proposal.

- Organizing individual meetings with researchers who have the expertise and have results with a certain degree of technological maturity in the requested field.
- Elaboration of the concrete work plan: activities, deadlines and responsibilities.
- The score obtained is calculated based on the indicators in the table below.

Indicators	Expected results, TRL level	Previous results in other research projects	Strategically importance
Maximum points	40	30	30

- The selection of the companies is made by the members of the Executive Team based on the score obtained by them, with a value of at minimum 80 points.
- **A final report on the direct meeting** is compiled, which also includes the score calculated according to the established indicators.
- Verification of the administrative compliance and eligibility of the company, according to the Instruction of the Intermediate Body for Research within the MEC.