

A researcher at the institute of applied research - [Galilee Society, Shefar-am, Israel](#), is looking for an opportunity to join consortia and contribute his expertise and experience, under the following open call topics for submission:

1. [BBI-2020-SO4-S3 Create and interlink bio-based education centres to meet industry's needs of skills and competences](#)

Short Related Scientific Biography-Sare Asli

Sare Asli is a researcher at the institute of applied research - Galilee Society, Shefar-am, Israel. He is interesting in environmental education activities that could raise the society understanding to the environmental issues and global environmental problems.

On 2019, Asli received the fund of the EU-Peacebuilding Initiative, Unity and diversity in nature and society (as PI) in cooperation with Bethlehem University (850,000 Euro). This project deals with several focus groups in the Galilee and in the West Bank to investigate the biodiversity in the two regions, to educate students toward the plant heritage, and to study the rapprochement between People in the region.

Expected contribution

- ✓ Educate pupils at different ages and community groups to the Bio-based industries based courses, workshops, tours, and social activities.
- ✓ Organize teacher training courses focused on the bio-based industries aiming to adapt teaching methods for sustainable industries.
- ✓ Motivate academic students to take responsibility in the education process.
- ✓ Expose pupils to the local and worldwide industries: sustainable solutions; green technologies; bio-based industries; and their impact on the environment.
- ✓ Prepare and improve environmental sciences curriculum suitable to bio-based industry.

2. [BBI-2020-SO1-D2 Use biogenic gaseous carbon to increase feedstock availability for the industry.](#)

Short Related Scientific Biography-Sare Asli

Asli was concerned and involved in researches which connected to anaerobic treatment processes and energy recovery in wastewater; For example, **on 2019**, Asli received the fund of the Ministry of Environmental protection on "utilization yeast on the anaerobic digesters for industrial wastewater to yield maximum amounts of methane in order to be generated in transportation". **Also on 2015**, Asli received the fund of the environmental protecting Ministry-Israel on "Enzymatic-physico-chemical hybrid treatment to increase the energy production from weak industrial wastewater".

Expected contribution

- ✓ Improving the anaerobic process by using enzymes in enhancing the methane production from industrial wastewater.

BBI Partner Search - Expression of Interest; Dr. Sare Asli

- ✓ Insertion of microorganisms to the anaerobic sludge which can stimulate the methane production.
- ✓ Monitoring the changing profile of the methanogenics in the inoculum due to the biological/ physical and physicochemical addition.
- ✓ Using chemical and physico-chemical processes in order to magnify the methane production from industrial wastewater.

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