HELLENIC REPUBLIC
MINISTRY OF DEVELOPMENT
GENERAL SECRETARIAT FOR RESEARCH & INNOVATION

Ministry of Digital Governance

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FORTH
FOUNDATION FOR RESEARCH & TECHNOLOGY - HELLAS
INSTITUTE OF CHEMICAL ENGINEERING SCIENCES

Patras, 23.11.2026
Ref. No.: 242759

This project has received funding from the European Union's Horizon Europe (2021-2027) research and innovation programme under grant agreement No 101192913

LowC
Safe and sustainable LOW-Carbon fuels for heavy-duty, aviation, and maritime sectors

Invitation for Expression of Interest:
Postdoctoral Research Assignment "Coordination of research activities on air pollution and climate impacts of low-carbon fuels"

The Institute of Chemical Engineering Sciences, Foundation for Research and Technology - Hellas, (FORTH/ICE-HT) is seeking applicants for one postdoctoral research assignment in the context of the research project "Safe and sustainable LOW-Carbon fuels for heavy-duty, aviation, and maritime sectors (LowC) GA- 101192913 — LowC" which is under the HORIZON-CL5-2024-D5-01-18 call.

Job Description
To conduct research as a postdoctoral researcher in the framework of the aforementioned project "LowC". The following LowC specific objectives will be pursued to address the requirements of the call: i) Test and validate operating conditions for all required powertrains, ii) Extensively characterize primary particle and gas emissions from heavy-duty, aircraft and ship powertrains running on novel low-carbon fuels, iii) Identify and quantify secondary aerosol formation.
The position aims to contribute to the development of air pollution, health, and climate impact trajectories through 2050 under the transition to low-carbon fuels and improved emission reduction practices across major sectors.

Location: FORTH/ICE-HT, Patras, Greece
Duration: up to 2 months, with the potential of renewal or extension according to the needs of the project
Salary: up to 3000 € per month depending on the qualifications (total cost of the employer, including social security and taxes)
Envisaged starting date: 1/1/2027

Requirements and Qualifications
A PhD in Environmental Engineering or Science is required. The candidates must be fluent in Greek and English (at least level B2) language so that they can better coordinate the corresponding research.

The evaluation of the candidacies will be based on the following criteria and qualifications:

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Qualifications	Weight	Evaluation criteria
Proven experience in environmental research	40	1 point per month up to 40 points
Publications in peer-reviewed international journals on environmental science and engineering	30	Number of relevant publications: 5 points per publication, max 30 points
Experience in coordination of environmental research with emphasis on air quality, climate and public health	30	2 points per month up to 30 points
Overall	**100**	

Application Submission

Interested candidates who meet the aforementioned requirements should submit their applications, no later than 3/12/2026, 16:00, by email to Kleanthi Zacharopoulou: kleanthi@iceht.forth.gr, cc: spyros@chemeng.upatras.gr.

In order to be considered, the application must include:

- Application letter
- CV
- Scanned copies of academic titles & English language certificate
- Copies of the publications in peer-reviewed international journals
- Employer's certificate of the work experience and any other official document to certify the aforementioned required qualifications

Any application received after the deadline will not be considered for the selection.

Selection Procedure

Applications that are received on time will be evaluated by a scientific committee using the criteria mentioned above. If necessary, certain candidates will be invited to a personal interview with the committee.

Interview Criteria:

(a) Background in the objective of the assignment (5 points). (b) Organizational and communication skills (5 points). (c) Team-spirit and self-motivation (5 points). (d) Commitment to achieving the goals (5 points)

The outcome of the selection will be announced on the website of FORTH/ICE-HT as well as on the website of "DIAVGEIA".

In case of titles and qualifications awarded by foreign Higher Education Institutions, the provisions of the Law 55/2023 (article 36) and 4957/2022 (article 304) are implemented.

Selection Announcement

The result of the selection will be announced on the website of: FORTH/ICE-HT.

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Candidates have the right to appeal the selection decision, by addressing their written objection to the FORTH/ICE-HT Research Secretariat, e-mail: kleanthi@iceht.forth.gr, within five (5) days after the results announcement on the web.

Contact

For information and questions regarding the application and selection procedure, candidates are asked to contact the FORTH/ICE-HT Research Secretariat, e-mail: kleanthi@iceht.forth.gr, tel.: +30 2610 965278.

For information and questions about the advertised position and the research activity of the group or the Institute, candidates are asked to contact Professor Spyros Pandis, tel: +30 2610 969510, e-mail: spyros@chemeng.upatras.gr.

General Protection Data Regulation

FORTH is compliant with all legal procedures for the processing of personal data as defined by the Regulation EU/2016/679 on the protection of natural persons with regard to the processing of personal data.

FORTH processes the personal data and relevant supporting documents that you have submitted to us. Processing of that data is carried out exclusively for the needs and purposes of this specific call. Such data shall not be transmitted to or communicated to any third party unless required by law.

FORTH retains the above data up to the announcement of the final results of the call, unless further process and reservation is required by law or for purposes of exercise, enforcement, prosecution of certain one's legitimate legal rights' as defined in the Regulation EU/2016/679 and/or in national law.

We inform you that under the Regulation EU/2016/679 you have the rights to be informed about your personal data, access to, rectification and erasure, restrictions of process and objection to as provided by applicable regulation and national laws.

We acknowledge also to you, that you have the right to file a complaint to the national Data Protection Authority. For any further information regarding exercise of your personal data protection rights, you may contact the Data Protection Officer at FORTH at dpo@admin.forth.gr.

You have the right to withdraw your application and consent for the processing of your personal data at any time. We inform you that, in this case, FORTH shall destroy such documents and/or supporting documents submitted and shall delete the related personal data.

For FORTH/ICE-HT,

Theophilos Ioannides
Director

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