

June 3, 2022

# ZERO POLLUTION

**MAKE IT REAL**

#EU**GREENWEEK**

**June 3rd, 2022** Auditorium of ESTGV

[PROGRAM](#)

[TEMPLATE ABSTRACT](#)

**call for abstracts:** until May 6th, 2022

**acceptance communication:** May 23th, 2022

**delivery of the review by the authors:** May 27th, 2022

**registration:** until May 27th, 2022

**presentation:** June 3rd, 2022

**submit abstract to:** [amb@estgv.ipv.pt](mailto:amb@estgv.ipv.pt)

The large share of energy consumed at the industrial level is derived from fossil fuels that are identified as one of the main sources of carbon emissions and cause of climate change. Global carbon dioxide (CO<sub>2</sub>) emissions from fossil fuels and industry have increased considerably since 2000, and in 2019 reached a record high of 36.7 billion metric tons of CO<sub>2</sub>. Environmental issues, especially climate change, have become hot topics around the world in recent years due to the magnitude and scope of their impacts. Carbon dioxide and greenhouse gases emitted by human activities, particularly related to energy consumption, have changed weather patterns around the world, causing extreme weather conditions such as hurricanes, drought, excessive rainfall and unusual temperatures. Many countries are trying to diversify the focus of primary energy sources, from fossil fuels to other sources, notably renewable energy. This situation has a particular interest in a global crisis arising from the war in Europe. The sources of energy must be diversified.

EU Green Week is an annual event where the objective is to debate European environmental policy towards a resource-efficient and climate-neutral Europe by 2050. This year's edition focuses on the

European Green Deal and puts three important aspects into highlight the circular economy, zero pollution and biodiversity. In Viseu we are going to reflect about the role of the good practices in the industry towards zero pollution, with particular focus in the efficient energy usage and resilient practices.

The 2nd Workshop – Towards Zero Pollution, is part of the activities of Green Week IPV 2022, which will take place on **June 3, 2022** in the auditorium of ESTGV (School of Technology and Management of the Polytechnic Institute of Viseu). Submission is open for oral or e-poster presentation until April 29. To do so, a summary must be sent in accordance with the attached template. This workshop aims to participate in all organic units of PV, universities and other polytechnics, as well as secondary schools. The selected jobs have 7 minutes for their communication.

All accepted abstracts will be published in the Abstract book, that will be available on the event's website for free download.

## Organizing Committee

Isabel Brás  
Luísa Cruz-Lopes  
Maria Elisabete Silva  
Nuno Miguel Rodrigues  
Sérgio Lopes

## Scientific Committee

Ana Cristina Cunha Queda . Instituto Superior de Agronomia, Universidade de Lisboa, Portugal  
Arminda Alves . Faculdade de Engenharia, Universidade do Porto, Portugal  
Artur Figueirinha . Faculdade de Farmácia, Universidade de Coimbra, Portugal  
Bruno Esteves . Escola Superior de Tecnologia e Gestão de Viseu, Politécnico de Viseu, Portugal  
Carsten Heegaard Petersen . QC at Solural Pharma ApS, Copenhagen, Denmark  
Daniel Fumo . Universidade Eduardo Mondlane, Maputo, Moçambique  
Evangelos Moustakas . Middlesex University Dubai, Emirados Árabes Unidos  
Dmitry V. Evtuguin . Departamento de Química, Universidade de Aveiro, Portugal  
Georgios Dialynas . Chemical Enginner in Dialynas S.A., Heraklion Crete, Greece  
Idalina Domingos . Escola Superior de Tecnologia e Gestão de Viseu, Politécnico de Viseu, Portugal  
Isabel Brás . Escola Superior de Tecnologia e Gestão de Viseu, Politécnico de Viseu, Portugal  
Ivo Rodrigues . Escola Superior Agrária de Coimbra, Politécnico de Coimbra, Portugal  
José Vicente . Escola Superior de Tecnologia e Gestão de Viseu, Politécnico de Viseu, Portugal  
Konstantinos Moustakas . Hellenic Solid Waste Management Association, Greece  
Lúcia Santos . Faculdade de Engenharia, Universidade do Porto, Portugal  
Luís Simões . Escola Superior de Tecnologia e Gestão de Viseu, Politécnico de Viseu, Portugal  
Luís Teixeira de Lemos . Escola Superior de Tecnologia e Gestão de Viseu, Politécnico de Viseu, Portugal  
Luísa Cruz-Lopes . Escola Superior de Tecnologia e Gestão de Viseu, Politécnico de Viseu, Portugal  
Manuela Correia . Instituto Superior de Engenharia do Porto, Politécnico do Porto, Portugal

Maria Elisabete Silva . Escola Superior de Tecnologia e Gestão de Viseu, Politécnico de Viseu, Portugal  
Marta Henriques . Escola Superior Agrária de Coimbra, Politécnico de Coimbra, Portugal  
Massimiliano Fabbri . Università degli Studi di Napoli Federico II, Itália  
Miguel Almeida . Associação para o Desenvolvimento da Aerodinâmica Industrial, Universidade de Coimbra, Portugal  
Nuno Ratola . Faculdade de Engenharia, Universidade do Porto, Portugal  
Olga Nunes . Faculdade de Engenharia, Universidade do Porto, Portugal  
Paulo Pinho . Escola Superior de Tecnologia e Gestão de Viseu, Politécnico de Viseu, Portugal  
Pedro Baila . Escola Superior de Tecnologia e Gestão, Politécnico de Viseu, Portugal  
Raquel Guiné . Escola Superior Agrária de Viseu, Politécnico de Viseu, Portugal  
Robinson Cruz . Universidade de Caxias do Sul, Brasil  
Romeu Videira . Faculdade de Farmácia, Universidade do Porto, Portugal  
Rosa Mosteo Abad . Departamento de Ingeniería Química y Tecnologías del Medio Ambiente, Universidade de Zaragoza, Espanha  
Rosa Pilão . Instituto Superior de Engenharia, Politécnico do Porto, Portugal  
Sérgio Lopes . Escola Superior de Tecnologia e Gestão de Viseu, Politécnico de Viseu, Portugal  
Shivam Bhartiya . Central University of Karnataka, Kalaburagi, Karnataka, India  
Simone Morais . Instituto Superior de Engenharia do Porto, Politécnico do Porto, Portugal  
Ümit Ayata . Faculty of Arts and Design, Department of Interior Architecture and Environmental Design, Bayburt, Turkey  
Vera Homem . Faculdade de Engenharia, Universidade do Porto, Portugal