

SÉMINAIRE ÉNERGIE – ENVIRONNEMENT
Conférences 2025 - 2026

**War and energy: can war-induced electricity
infrastructure loss drive sustainability in Ukraine?**

Iryna Sotnyk
UNIGE - Renewable Energy Systems group

Jeudi 27 novembre à 17h15

Université de Genève
66 Boulevard Carl-Vogt, 1205 Genève
Salle 1 (rez-de-chaussée)

Conférence en présentiel suivie d'un apéritif

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L'oratrice

Iryna Sotnyk (Dr. Sc. in Economics, Professor) is a senior scientific collaborator at the Renewable Energy Systems group of the University of Geneva. She is also a Professor at the Department of Economics, Entrepreneurship and Business Administration of Sumy State University (Ukraine).

Iryna got her Ph.D. (2002) and Doctor of Science (2011) degrees in Economics of Nature Use and Environmental Protection at Sumy State University. She is interested in investigating the economic mechanisms of energy efficiency and renewable energy development as well as motivation for resource saving, dematerialization, and just energy transition. In this field, Iryna has an extensive list of publications, including articles in international peer-reviewed journals, monographs, and textbooks, and has made numerous presentations at a vast number of national and international conferences.

So far, Iryna Sotnyk has been a leader of 10 and a contributor to more than 25 research projects, including international ones, on sustainable development, green economy, energy efficiency, renewable energy, and resource-saving issues. Her projects were funded by Ukraine's state agencies, the European Commission, the Swiss National Science Foundation, etc. She is a laureate of the Prize of the Cabinet of Ministers of Ukraine (2004) and scholarships of the Cabinet of Ministers of Ukraine (2011-2012), the Verkhovna Rada of Ukraine (2012-2013), Fulbright Visiting Scholar Programme (2019-2020), and Latvian State Research Scholarship Programme (2021).

La conférence

The destruction of Ukrainian electricity infrastructure due to the Russian aggression in Ukraine poses a severe challenge – but could it also be an unexpected opportunity?

As the country rebuilds, will it return to fossil-fuel dependency or seize the moment to transition towards renewable energy? This seminar delves into an innovative research perspective, exploring whether reconstruction efforts can drive a more resilient and sustainable power system. Using energy modelling and scenario analysis, the discussion will examine the potential impact of infrastructure loss on decarbonization, energy self-sufficiency, and long-term economic stability.

Could Ukraine's energy crisis accelerate green transformation? Join us to uncover the hidden dynamics of energy changes in a conflict zone and rethink the future of Ukraine's electricity sector.