

## Editorial line

STET *Science and Technology for Energy Transition* is an international scientific journal supported by IFPEN (IFP Energies nouvelles) and CEA (French Alternative Energies and Atomic Energy Commission), both major French research and technology organizations in energy.

The journal is intended to be a forum for exchanging and sharing scientific results focusing on effective and sustainable energy transition in response to climate change. Submitted articles must be factual and shall not express opinions. Their scientific quality and compliance to the journal's "aims & scope" are the main criteria by which acceptance for publication will be decided. Published articles do not represent the views or position of either supporting organisation. Both supporting organizations (IFPEN and CEA) have their own research and development roadmap in this area.

## Aims & Scope

STET is an academic journal covering the full range of subjects and disciplines related to the development of scientific and technological solutions, complemented by techno-economic studies and life cycle analysis which enable energy transition to meet climate and societal challenges. It covers areas ranging from the sustainable use of natural resources linked to energy transition, to the study of various energy vectors which support decarbonization, energy conversion devices, energy storage processes and devices, complex coupled systems as well as interconnected smart grids. The scientific disciplines covered bring together all those associated with the implementation of energy transition, including in the areas of digital science which underpin discovery, the simulation and optimal use of these complex energy systems, the influence on climate and biodiversity or techno-economic and environmental considerations (Techno-Economic Analysis and Life Cycle Assessment, TEA-LCA studies) related to the mass deployment of these technologies.

The journal is aimed at authors and readers from academic communities and/or based in research and industrial innovation. The journal publishes original research papers, review articles, and special issues that provide summaries of international projects, conferences, or more focused topics. Multidisciplinary papers presenting integrated energy systems which incorporate several sub-systems will be particularly suitable for the journal.

The journal has an editorial board constituted of international experts from academia and industry. It is indexed in the major international databases. All articles are rigorously peer-reviewed according to established rules, thus guaranteeing the journal's high standards of quality.

It is a diamond open access journal, supported by IFPEN and the CEA. Consequently, the journal is free for readers and authors do not have to pay any article processing charges to publish in it.

## Indexation and Impact factor

STET *Science and Technology for Energy Transition* is the newname of former OGST (*Oil & Gas Science and Technology*, review headed by IFPEN). Therefore, STET is labelled in WoS and will have an Impact Factor.

## STET's covered topics

1. Hydrogen and hydrogenated molecules (synthesis, storage, transportation, distribution, e-fuels)
2. Bio-resources, biofuels and waste (collection, capture, storage, conversion)
3. Wind, marine and geothermal energies
4. Solar energy and solar fuels
5. Electrification of transportation
6. CCUS (Carbon Capture Utilization and Storage)
7. Energy storage (electrochemical, chemical, thermal, gravity, hyperbaric)
8. Networks, smart grids
9. Energy systems (scenarios, optimization, management, uses, technological coupling)
10. Interaction with climate and environment
11. Life cycle analysis and raw materials for energy transition
12. Special issues on energy transition focused topics