

SPECIAL ISSUE ON SUSTAINABLE MOBILITY

CALL FOR CONTRIBUTIONS

As air quality deterioration and climate change phenomena became central to the political agenda at global, EU and national level, the sensitiveness to these issues raised among citizens, in particular in metropolitan and urban areas, and rapidly spread across EU regions.

Cities and urban areas are developing integrated mobility strategies in order to identify effective solutions, as testified by the large adoption of mobility plans based on EU Guidelines for Sustainable Urban Mobility Plans from 2013, the first European planning concept for sustainable urban mobility.

The fast growing pace of innovations in technologies, business models societal developments etc. require today a substantial revision and extension of the original approach, in particular by developing thematic guidance for specific trends such as for example electrification of transport, digitalization and Mobility as a Service, automated transport, etc.

Active modes such as walking and cycling are gaining momentum, while the digitalization process is leading to an increasing relevance of flexible (e.g. Demand Responsive Transport systems) and shared (bike, car, scooters etc.) services and integrated platforms and concepts for mobility (e.g. the so called Mobility as a Service).

The supply of electric and electrified vehicles in Europe will grow significantly in the next five years, in order to allow car manufacturers to meet the EU car CO₂ target of 95g/km. It is estimated that by 2025 22% of vehicles produced will be pure electric (BEV) or electrified (PHEV). Four million electric cars are expected to be offered on the market at that date.

At the same time, on the demand side technological development, policies and incentives, and new behavioral approaches are struggling to support the market take up. Range anxiety, cost parity and asymmetric information still represent relevant barriers for consumers, despite the raising importance of environmental issues.

Electric vehicles are the key element of a complex ecosystem composed by mobility, energy and ICT networks, shaping new potential markets and attracting different subjects and industries. Positive impacts on environment are increasingly relevant at local as well as global level, considering the potential of integration of renewable energies and the high efficiency of electric powertrains.

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This special issue intends to gather contributions concerning theoretical background, practical implementation and lessons learned about economic, business and policy implications of sustainable mobility trends and initiatives.



EPEE – Economics and Policy of Energy and Environment

Specifically, guest editors encourage submissions of original research articles that report significant research contributions and industry and/or company case-studies covering topics including, but not limited to:

- Market perspectives and mid to long-term scenarios of alternative fueled and electric cars
- Market perspectives in specific transport sectors: freight, public transport, sharing, taxi, etc.
- Impact of transition to electric mobility on automotive and other industries, society, policies and fiscal systems
- Assessment of policy and incentive schemes to support low emissions vehicles and environmentally friendly behaviors
- Total Cost of Ownership assessment for electric and other vehicles
- Life Cycle Assessment and Well to Wheel, environmental and energy efficiency assessment
- Impact of electric vehicle penetration on air quality and climate change
- Impact of sustainable mobility plans on air quality and climate change
- Charging infrastructure needs and related business models
- Vehicle-to-Grid, Vehicle-to-Home and Smart charging solutions: implementation, potential and behavioral aspects
- Electric, connected, autonomous and shared cars: a new paradigm?
- Business models for innovative mobility services and systems

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Guidelines for submission:

All submitted papers must contain only original work, which has not been published by or is currently under review for any other journal.

Detailed guidelines for editing are available at the following link:

<http://www.francoangeli.it/riviste/NR/Efe-norme.pdf>

Manuscripts should be submitted via this link:

<http://ojs.francoangeli.it/ojs/index.php/fr/about/submissions>



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Key Dates

Full paper submission deadline: **31 March 2020**

Final decision notification: **30 April 2020**

Publication: **June 2020**

The Journal

Economics and Policy of Energy and the Environment (EPEE) is a quarterly peer reviewed platform focusing on energy and environmental economics and policy including the economics of public utilities. Contributions from academic researchers, utility managers and policy-makers ensure a useful exchange of knowledge and experience. This approach is very important, particularly in a period when energy markets and regulatory and institutional frameworks are undergoing rapid change, and environmental issues, both local and global, are becoming increasingly important. The journal is organized mainly into two sections. The section "Observatory" includes articles in which specialists express their views about topical issues of energy and environmental policy. The "Essays" section focuses on the scientific papers, mainly concerning the microeconomics and macroeconomics of energy and the environment, as well as comparative analyses of policies. All papers will be included in EconLit and Scopus. This will ensure that they will be read and cited by a worldwide audience. EPEE is edited by an international editorial board. The editorial board will be supported by a Scientific Committee composed of some of the leading international experts in the field of energy and environmental economics. EPEE is a fundamental publication on energy and environmental issues characterised by a multi-faceted perspective, an approach which is crucial for researchers, policy-makers and operators in the energy and environmental sector.