

## **Internship: Global EV Outlook 2019**

The International Energy Agency (IEA) is an intergovernmental organisation committed to advancing security of energy supply, economic growth and environmental sustainability through energy policy co-operation. The IEA operates as an autonomous body within the framework of the Organisation for Economic Co-operation and Development (OECD). Both the OECD and the IEA seek opportunities to work with an increasing number of non-members of growing importance to the world economy.

The Energy Technology Policy Division is looking for one intern in its Paris office to work on analyses on electric vehicles for the forthcoming Global EV Outlook 2019.

### **Internship description**

The International Energy Agency (IEA) is co-ordinator of the Electric Vehicles Initiative (EVI) and authors the Global EV Outlook, an annual report that identifies and discusses recent developments in electric mobility across different vehicles types in EVI countries and beyond. The latest version, the Global EV Outlook 2018, is available free of charge [online](#).

The successful applicant will support the publication process of the forthcoming Global EV Outlook 2019. Depending on the focus of the publication and interest of the intern, possible tasks are:

- Analyse environmental footprint of EVs especially with regards to battery materials in a life-cycle approach
- Analyse well-to-wheel GHG emissions of EVs in different regions as determined by carbon intensity of grid electricity and compare these to emissions from vehicles with alternative power trains
- Analyse total cost of ownership of electric cars as well as pay-back periods of higher purchase costs and compare these vehicles with alternative power trains
- Analyse synergies from increasing employment of EVs and increasing share of renewable electricity as well as resulting impacts on the power system
- Analyse data on sales and registrations of EVs as well as on charging equipment in EVI countries and beyond
- Evaluate fiscal instruments (taxes and subsidies) related to ownership and use of EVs and long-term impacts for the income of treasuries and financing of road infrastructure
- Conduct scenario analyses for activity and energy demand of the transport sector using the IEA [Mobility Model \(MoMo\)](#)
- Draft report sections

The intern will work under supervision of IEA transport analysts.

### **Requirements & Information**

Demonstrated capacity to work on large spreadsheets and databases is a requirement. Modelling experience as well as experience with energy and material analysis (e.g. material flow analysis, lifecycle assessment, or environmental input output analysis) is desirable. Very good knowledge of English is a strict requirement.

Interns have to be enrolled as students throughout the duration of the internship. Contribution to living expenses of approximately EUR 700 per month can be paid. Application is open as of 05/12/18, please send your application preferably before Monday 17/12/18 at 23:59. Internship start is February 2019, with an internship period of preferably 6 months.

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