



2 October 2020

EVRoamer

Welcome to the EVRoamer, the first newsletter of the EVRoaming Foundation!

After several years of preparation the EVRoaming Foundation was launched 28th May 20 with a great webinar. The mission of the EVRoaming Foundation to achieve full EV roaming for everyone in an open and transparent manner, was received with great enthusiasm. We are now ready for the next step: together with you improving access to charging infrastructure, and to realize better services and for EV drivers.

The EVRoamer will give you all kind of information about EV Roaming, and how we can together remove barriers for EV charging across borders. It is the goal to create this newsletter on a frequent basis with input from the EVRoaming Foundation and from developments in the market.

Arnaud Mora, chairman EVRoaming Foundation and CEO Freshmile

Making the electric transition together

EVs are now becoming real. For all pioneers in the electric mobility field, we have been waiting for this momentum for 10 years. We are now shaping the world to come, seeing yesterday's visions becoming true.



These times are really exciting, and we are all aware of the challenges in front of us. To make the electric transition a mass movement, all links in the mobility chain must work in harmony: from live status of charging stations to mobile apps, from grid management to decentralised 2-way charging.

That is what our EVRoaming Foundation stands for: fostering good practices, encouraging cooperation and providing protocols that will allow a smooth cooperation between all parties involved. With only one goal in mind: to be at the service of consumers and make them wonder every day why they didn't make the switch earlier!

A need for a change!

The first EVs appeared on the road in 2009/2010. Those were the days where we needed to discover a lot of things, and several market models were created to form a new and innovative EV sector. At that time, OCPP was setup to prevent vendor lock-in for charging stations and operating systems. CPO's and MSP's emerged, and their business started growing. And the first adopters were business drivers and idealists who accepted everything that we did.

Now, only 10 years later, we are in an emerging market with a lot of stakeholders. Governments are pushing EVs with incentives and regulation. The EU, US, Asia, South America and other regions all have ambitious targets to make their transport cleaner. But for a long time, the EV and EV charging sector did not change. Roles largely remained the same and there was more interest for business development and organizing internal operations than for mature services for the EV drivers.

It is changing but not fast enough. EV drivers demand seamless access to any charger without any hurdles. They have the right to know the charging tariff before a charging session, and transaction information immediately thereafter. They must be able to find all publicly available chargers and see their availability. They must be able to trust and check the amount of charged kWhs or charging time. And they must receive an invoice that they can understand and verify. And all of the above should be possible in any country, in every market model and with every electric vehicle.

These are basic elements for any mature market, and there is still work to be done.

So it is time for a change, and take this perspective to invest in a future-proof EV charging sector. Together with you we will make this happen, and support companies and governments where and when needed.

Roaming and OCPI in the news



Kristof Vereenooghe, CEO EVBox Group and co-chair ChargeUp Europe Alliance

Freedom to roam – first your phone, now your car?

The European Commission has reiterated its ambition to roll out at least one million public electric vehicle charging stations over the next 5 years. But how can the EU ensure that consumers really benefit wherever they are in Europe? One of the keys to success lies in e-roaming, argues Kristof Vereenooghe.

[**READ MORE**](#)



Micha Roon and Christopher Burgahn from Share & Charge foundation

Climbing the API mountain of electric vehicle charging

Why APIs are our next big challenge in building awesome electric vehicle charging products and what we can do about it.

The exciting part of EVs is of course driving them, but if you like innovative technology then you have many reasons to be even more excited. The potential of digital use-cases that can be implemented with EVs is simply amazing – not only because cars become increasingly digitized themselves, but also because the electricity that they usually need for driving can be used for many other things as well (storing renewable energy, electrifying your house, balancing the grid, etc.).

For EV drivers the most important use-case based on API connections is EV roaming – but we can't stop there.

[READ MORE](#)

ReESCAPE project participation

The EVRoaming foundation supports projects regarding access to charging infrastructure, further development of EV charging business models and communication with EV drivers. These projects can come directly to the foundation or via contributors, sponsors or other channels. ReESCAPE is such a project, coming to EVRoaming foundation via NKL (Dutch Knowledge Center for charge infrastructure). The project is focusing on the development of smart charging protocols to improve the connection with e.g. the energy trade market in order to improve market models around smart charging. The EVRoaming foundation will contribute to this project with improved OCPI service developments and with ensuring that EV drivers receive the correct information about what to expect and pay from Smart Charging transactions.

The EVRoaming foundation welcomes suggestions for contribution to other projects that involve EV roaming: together with the contributors of the EVRoaming Foundation, we will benefit from developments into new business models and a more open and mature EV market.

OCPI update

During the summer period, an updated V2.2 documentation has been delivered. The specs are still the same, but the documentation has been improved with comments that we received from the OCPI community. You can download this updated version [here](#).

At the end of December 2019, we launched the first high level framework for version 3 of OCPI. This version will be more effective and efficient regarding services and data sharing. Also, security-aspects will receive more attention. As the total architecture will be changed, it is expected that the final version will be ready by the end of 2021. Meanwhile, new and improved OCPI services will be developed. These will become part of version 3.0, but we will aim these to be also usable in combination with OCPI v2.2.

All new developments of OCPI will be done via the EVRoaming foundation and its OCPI user community. If you want to be involved, join us.

Collaboration space

The EVRoaming foundation has chosen Slack as main workspace and communication tool. The OCPI Slack community will stay for the released versions of OCPI and for basic support. The new EVRoaming Slack community is only available for contributors and sponsors and will be used for all activities of the foundation.



Values and Goals of EVRoaming Foundation

The objective of the EVRoaming Foundation is to facilitate roaming services for charging electric vehicles and provide transparent information to consumers about charging locations and prices, by use of the open and independent Open Charge Point Interface (OCPI) protocol. The ultimate goal is to allow any EV driver to charge at any charging station in the on their continent: simplify, standardize and harmonize.

The EVRoaming Foundation will do this via the following activities:

- Informing CPO's, MSP's, Governments and other parties about the importance of open access to charge infrastructure and right information sharing with EV drivers
- Policy influencing via whitepapers, discussions with policy makers, etc
- Creating informative webinars
- Contributing to and participating with EU and other projects
- Acting as independent knowledge center for all stakeholders
- The EVRoaming Foundation also manages and maintains the OCPI protocol and ensure its free availability. The foundation is not limited to OCPI and can also support other related activities and services.

We see a lot of interest in getting more and better and open access to charge infrastructure. Meanwhile we see also more focus on price transparency, correct meter values and connections of networks to National Access Points.

The EVRoaming foundation supports this together with its contributors and sponsors.

OCPI will stay free to use! And the OCPI community will stay, for basic support.

At the end of this newsletter you find an attractive introduction offer to join the EVRoaming foundation.

How to join?

There are 4 levels for participation:

- **Associate Contributor:** Organisation that wishes to be connected to the protocols managed by the EVRoaming Foundation, but is not actively involved in protocol development. These may include Associations, Consultancies or Academic institutes.
- **Full Contributor:** Organisation that implements the protocols managed by the EVRoaming Foundation and is actively involved in the development, maintenance and support of the protocols or actively participates in activities of working groups.
- **Managing Contributor:** Full Contributor who has the right to appoint a board member from his/her organisation. For this elections will take place.
- **Sponsors:** Organisation (in the public or private sector) that supports EVRoaming and the protocols managed by the EVRoaming Foundation, but is not actively involved in protocol development. These may include municipalities, research or consulting groups, laboratories, regulatory bodies or universities.

Until the end of October we have an interesting Introduction offer with 25% rebate for this year and next year. Join us now and ensure you get this rebate.

You can download, sign and return the Contributor agreement here:

[CONTRIBUTOR AGREEMENT](#)

Do you like the newsletter? Share it!



EVRoaming Foundation

Realising cross-border charging

The EVRoaming Foundation manages and maintains the OCPI protocol and ensures its free availability, to guarantee roaming according to open standards for any EV driver.

www.evroaming.org Contact? Mail: info@evroaming.org

