EVRoaming Foundation
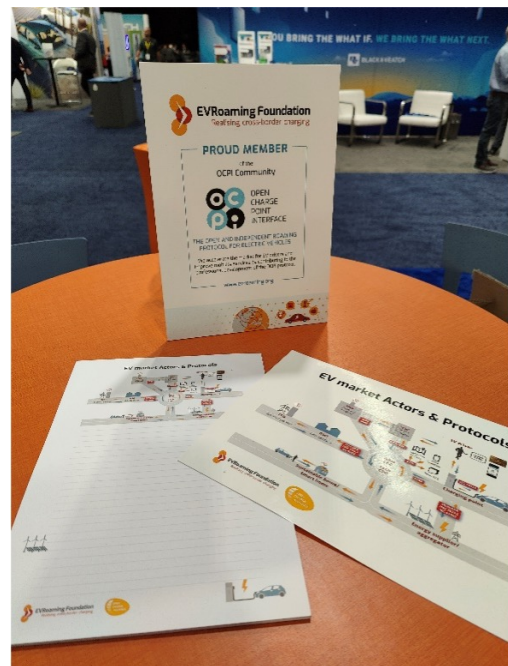## Realising cross-border charging
News Flash

Welcome to the first EVRoaming News Flash!

To inform you better and more frequently about the developments of OCPI and activities of the EVRoaming Foundation, we present you the monthly News Flash. This replaces the EVRoamer newsletter which was sent three to four times a year. We hope you like it and are open to your comments.

EVRoaming Foundation at EVS36 in Sacramento USA

OCPI implementation is a requirement in the US if you want to make use of the NEVI grant program. As the EVRoaming foundation has several US and Canada-based contributors, we had two good reasons to join the EVS36 event.

The market for EV charging in the US with several different MSPs and CPOs who need to give each other access to their charging networks, is still very much in development. We had the opportunity to discuss this with many parties.

We also presented our *Smart Charging Algorithms* paper (as part of the Re-Escape project) and the white paper about *How to deal with tariffs* – part 1: between CPO and MSP. We also handed over our Membership 'certificates' for being a proud member of the OCPI community. There is clearly a lot of interest in the US, but still, a lot to do regarding roaming, interoperability and good accessibility of charging infrastructure. We support that together with our contributors from the foundation and several other organisations.

White paper "How to deal with tariffs" – part 1 between CPO and MSP

Does an EV driver know and understand what he/she will pay for a charging session? Often the answer is: "No". EV driver tariffs are complex which can be caused by many reasons: because of complex tariffs earlier in the process or by demands in tenders. Besides that, the way tariffs are dealt with by different parties in the chain and how they are exchanged is not always efficient. As a result of this complex setup and inefficient exchange, EV drivers often cannot access the actual (total) tariff before the start of their charging session. If we don't act and improve this now, it will only get worse in the coming years.

This document describes the current situation, and the issues and proposes solutions on how to deal with tariffs between CPO and MSP as well as towards EV drivers.

During EVS36 we released and presented Part 1 of this white paper about the relation between CPO and MSP. Part 2 about the relation with the EV driver and part 3 about how to deal with tariff structures by public government and in tenders, is still work-in-progress and will be released at the end of this year. Contributors of the EVRoaming Foundation can participate in these discussions.

Download "How to deal with tariffs"

OCPI tools

The EVRoaming foundation supports easy usage and implementation of OCPI by offering additional support tools. Currently, two tools are available:

1. Data collection tool: a tool for CPOs to create data sets for all kinds of organisations that want the data. Instead of creating separate APIs, you can now use for free one tool based on OCPI.
2. Tariff verification tool: created by Contributor Tandemdrive, a new tool is free and available to verify your tariff setup and see if it is presented in CDRs in the right way. Now free and available for both versions 2.1.1. and 2.2.1.

You can find the tools here

Do you like this News Flash? Share it!

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.

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