

Why Open Standards Matter Now More Than Ever



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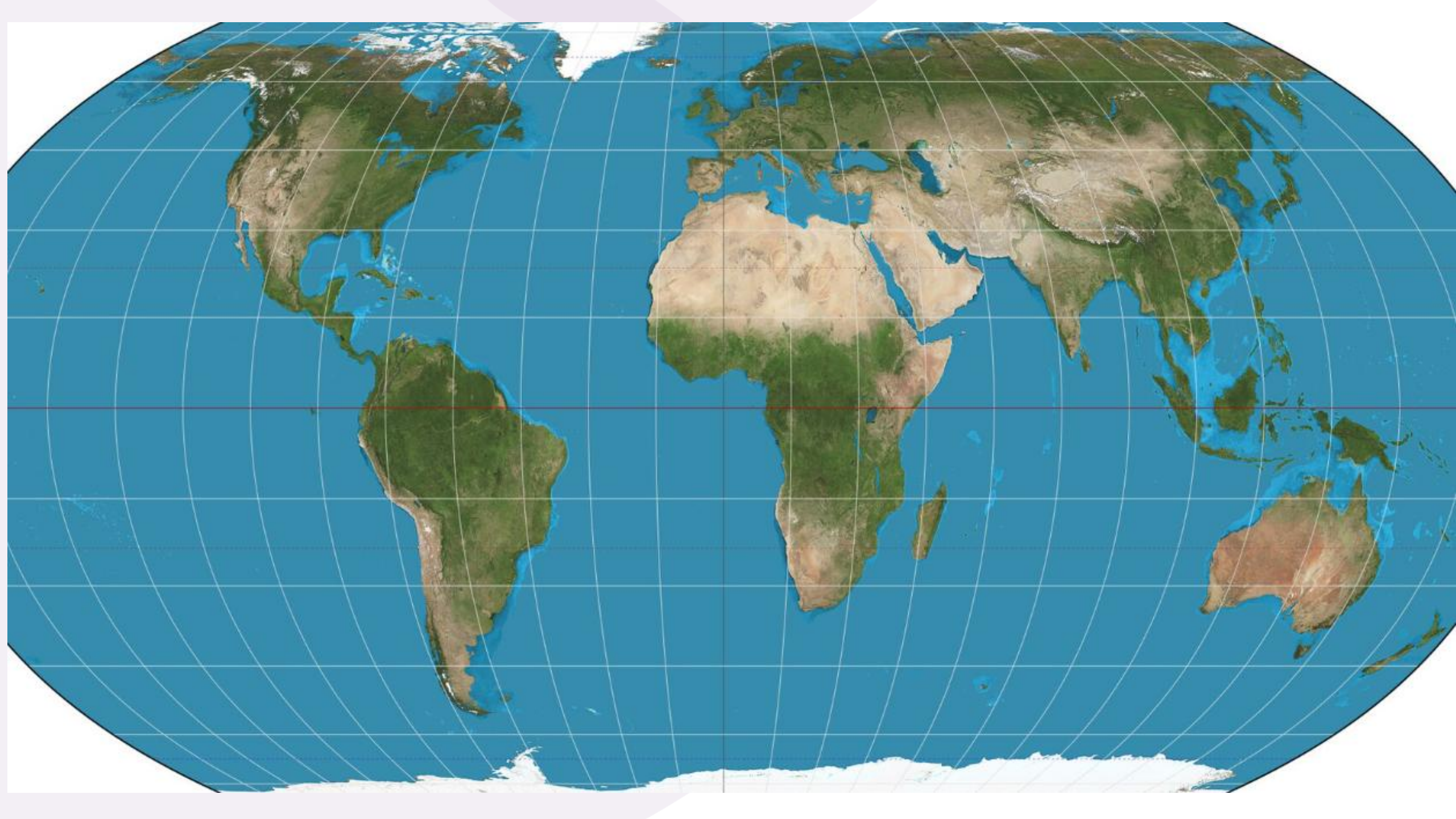
Why Open Standards Matter, Now More Than Ever



**The world is ever
changing**







euRO[♥]vision
SONG CONTEST



Welcome
CANADA

Participating Broadcaster

CBC  Radio-Canada





Australia







SUSTAINABLE DEVELOPMENT GOALS

[Home](#)[Overview](#)[The 17 Goals](#)[Get Involved](#)[Partnerships](#)[News And Events](#)[Resources](#)[Pact For The Future](#)

Take Action

The Sustainable Development Goals are a call to action to end poverty, inequality, climate change, and achieve them all by 2030.

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- ▶ Goal 1: No Poverty
- ▶ Goal 2: Zero Hunger
- ▶ Goal 3: Good Health and Well-being
- ▶ Goal 4: Quality Education
- ▶ Goal 5: Gender equality
- ▶ Goal 6: Clean Water and Sanitation

7-12

- ▶ Goal 7: Affordable and Clean Energy
- ▶ Goal 8: Decent Work and Economic Growth
- ▶ Goal 9: Industry, Innovation and Infrastructure
- ▶ Goal 10: Reduced Inequalities
- ▶ Goal 11: Sustainable Cities and Communities
- ▶ Goal 12: Responsible Consumption and Production

13-17

- ▶ Goal 13: Climate Action
- ▶ Goal 14: Life Below Water
- ▶ Goal 15: Life on Land
- ▶ Goal 16: Peace, Justice and Strong Institutions
- ▶ Goal 17: Partnerships for the Goals



DONATE WHAT YOU DON'T USE.

More than 700 million people still live in extreme poverty.



**WASTE LESS FOOD
AND SUPPORT LOCAL FARMERS.**

A third of the world's food is wasted,
yet 821 million people are undernourished.



VACCINATE YOUR FAMILY.

Vaccinations resulted in an 80% drop
in measles deaths between 2000 and 2017.

Goal 2: Zero Hunger

Goal 3: Good Health and Well-Being

Climate Action is where we fit in the grand scheme of thing!



To switch to electric vehicles you need charging infrastructure **and that is where OCPP fits in!**



**Why do standards
matter?**



How does a standard help deploy Charging Infrastructure?

1. Freedom of choice

Using an open standard allows buyers and investors the freedom to select the vendors of their choice for equipment and services, now and in future.

2. Competition, innovation and price pressure

It enables an open and competitive market, for domestic players as well as international suppliers and keeps the market open for new players to enter the charging industry at a later stage.

3. Sustainable

It keeps the option open to migrate charging stations to another network — in case of market exit or contract termination and as such prevents stranded assets.

4. Guarantees

Using an open standard establishes a minimum set of guaranteed functionalities and available data for all stakeholders such as regulators and other data consumers.

5. Inclusiveness

An open standard includes all in shaping the future of the standard, making sure all voices are heard and all needs are included in future developments.

6. Efficient and of better quality

A standard is resource efficient - you can benefit from the work and experience of others; It is of better quality – more viewpoints and discussions have gone into it

**How does OCPP help
concretely?**



OCA activities

OCPP development



OCPP certification

Product Family Certificates
to reduce certification costs for vendors



Vendor Declaration of Conformance
(VDoC) that is generated by the OCA
testing tool OGTT



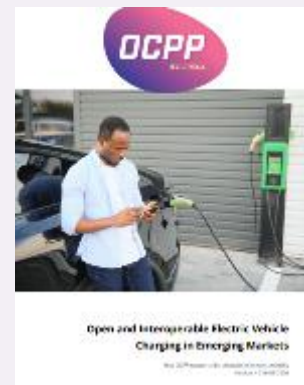
White Label Certificates for white labeled
products



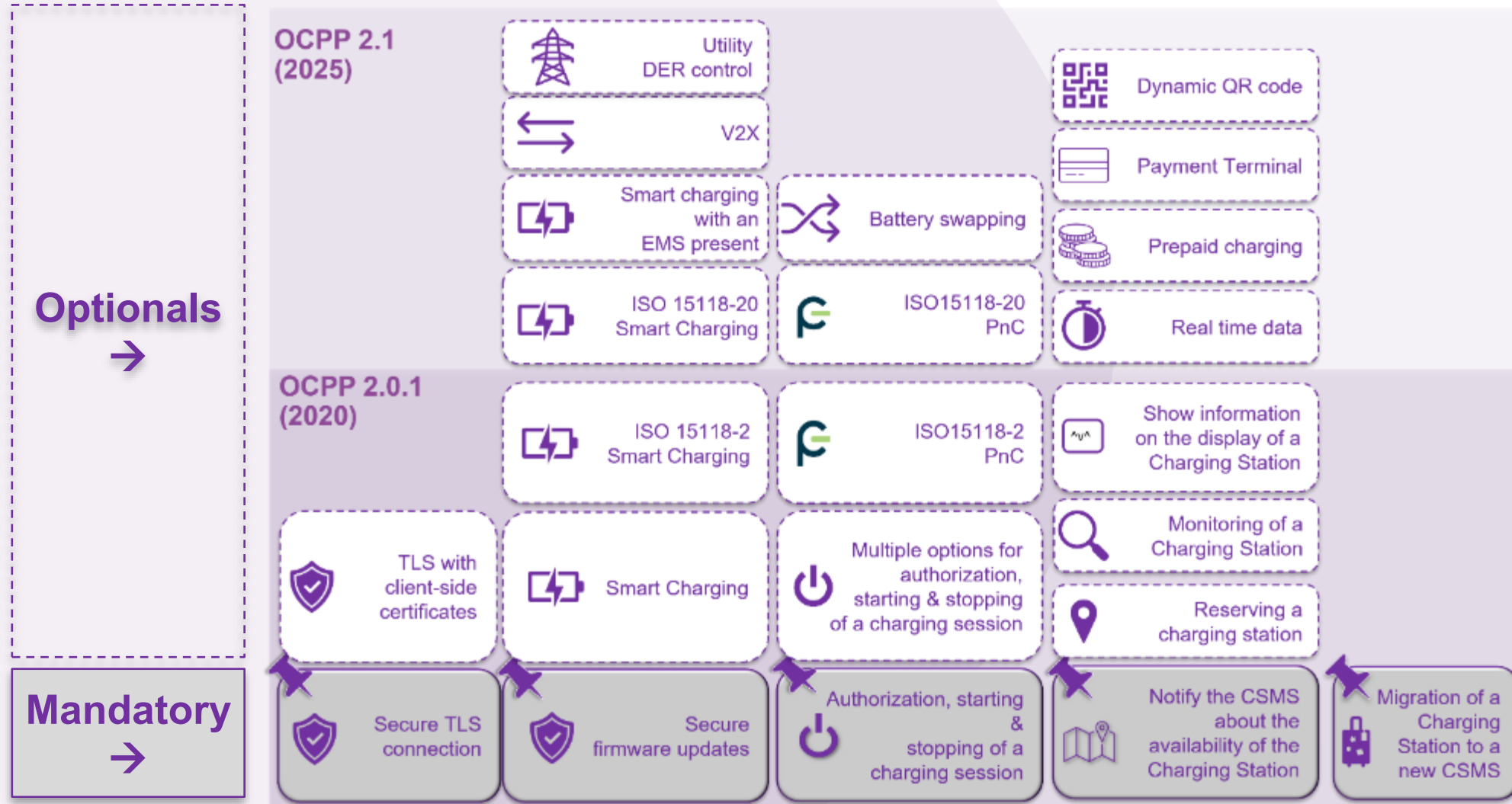
OCPP testing



OCPP Promotion



OCPP offers a growing set of features



New Technological Development

Site management

Local Controllers in OCPP



Maintenance or EMS

Secondary OCPP Connection on a Charging Station



New Markets



Open and Interoperable Electric Vehicle Charging in Emerging Markets

How OCPP supports the adoption of electric mobility
Version 1.0 16-09-2025



OCPP & M-PESA mobile payments

New Applications

SHORE POWER IN THE PORT OF ROTTERDAM

OPERATIONAL

UNDER CONSTRUCTION

ANNOUNCED

UNDER INVESTIGATION





Launch of the new OCPP Security Operations Guide



- **Regulations** vs. security measures (Europe, USA, Japan)
- **Guidance** for the industry
 - Explanation
 - 230 concrete requirements!
- **Real life data:** overview of security issues found in chargers