Certification Program Update

Lonneke Driessen – Director OCA

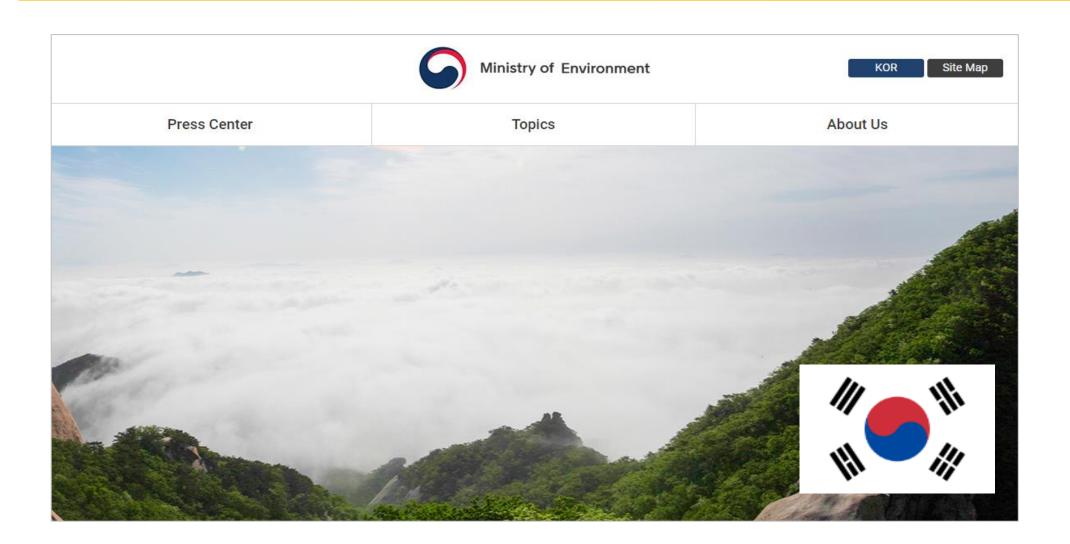


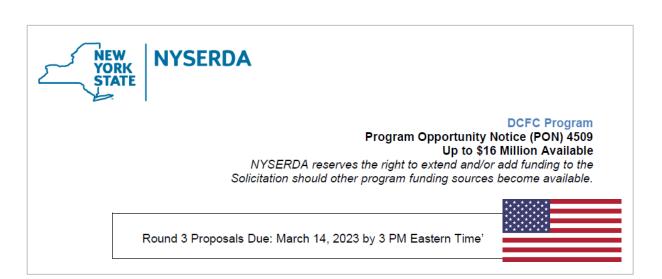
Why OCPP Certification?

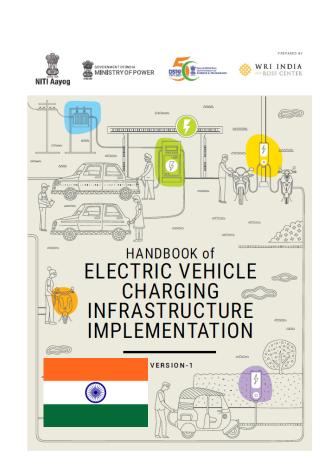
- > To validate that a system has implemented OCPP correctly
 - For Buyers to check before they purchase a system
 - For Vendors to promote their systems to Buyers
 - > To make integrating systems between Vendors faster and more efficient



Certification and funding







Biden-Harris Administration Announces Latest Steps to Deliver a National Network of Convenient, Reliable, Made-in-America Electric Vehicle Chargers

Wednesday, February 15, 2023

EV Charging Standards and Build America, Buy America Implementation Plan Positions States to Deploy First \$1.5 billion in EV charging formula funding

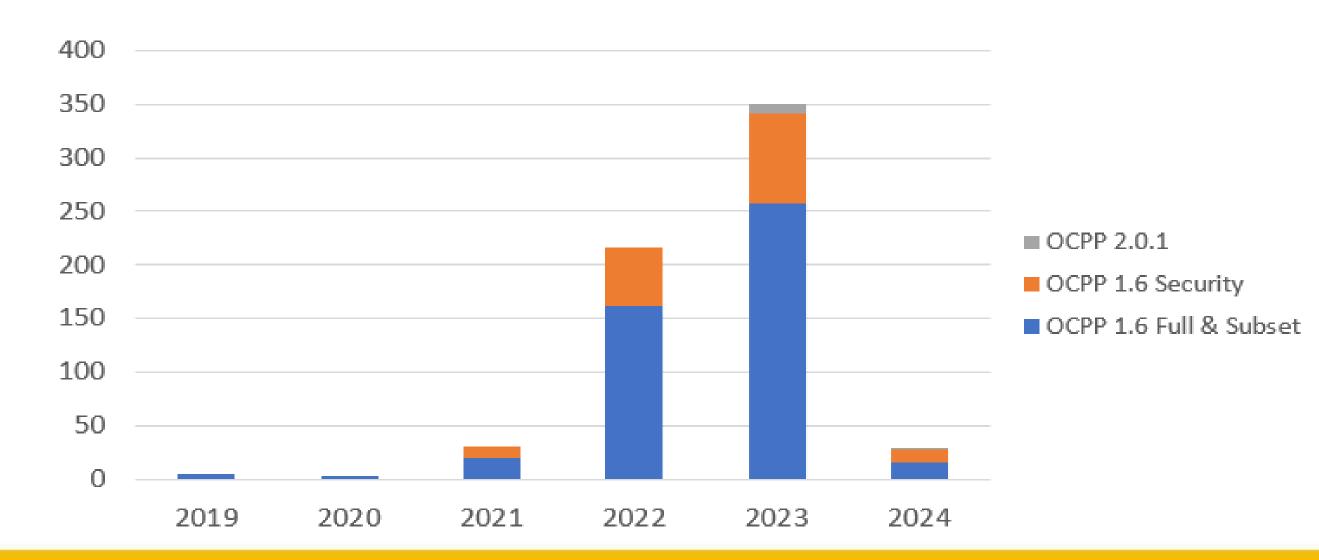
EV Charging Competitive Grant Program for Communities Coming Soon

FHWA 06-23

Contact: FHWA.PressOffice@dot.gov™

Tel: (202) 366-0660







OCPP Certification is available for 1.6 and 2.0.1

OCPP 1.6 Certification opened in November 2019

For Charging Stations and CSMSs







OCPP 2.0.1 Certification is open as of June '23 for 'Core' and 'Advanced Security' profiles

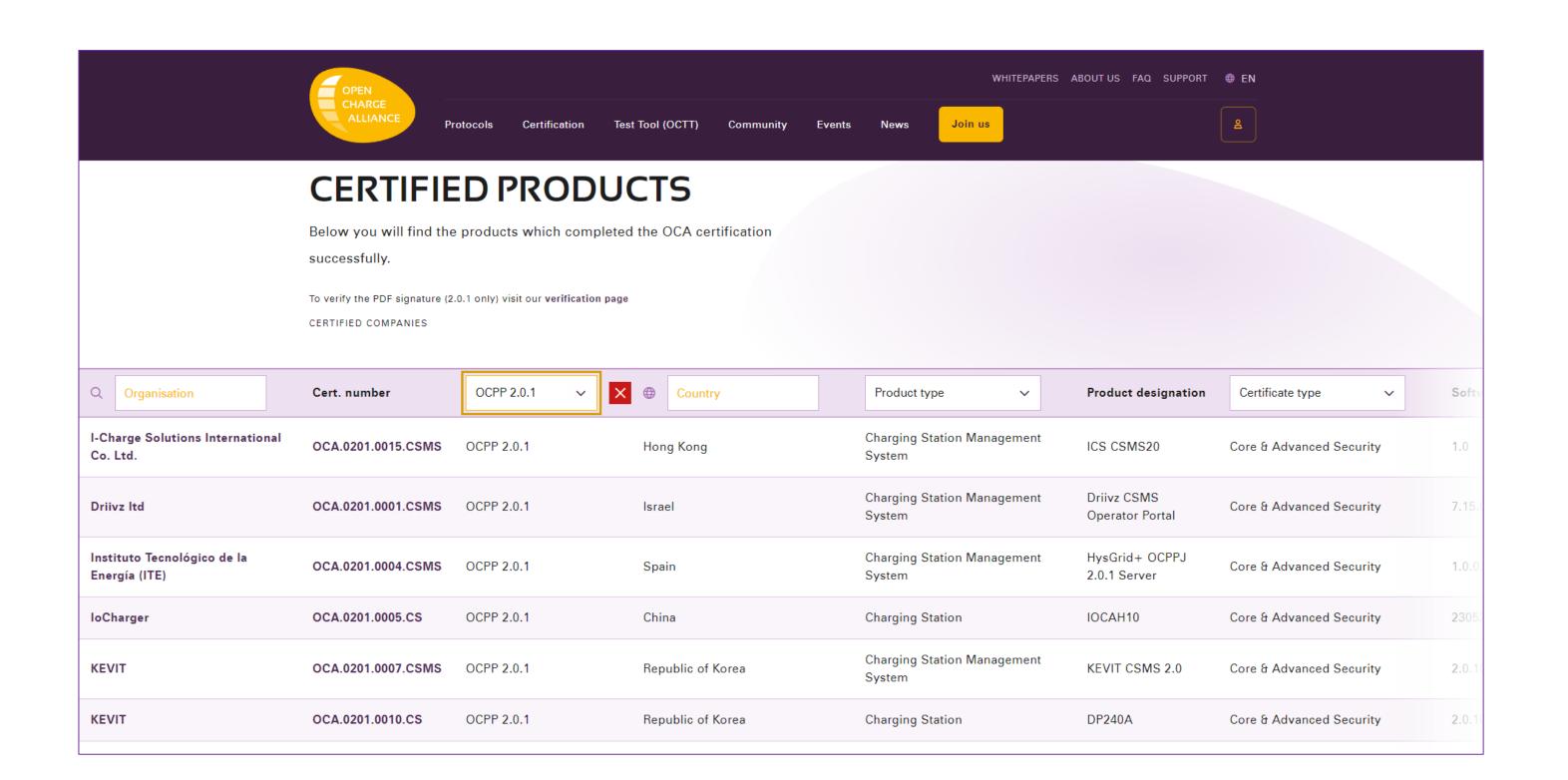
For Charging Stations, CSMSs and Software Stacks



Certification for the additional profiles is expected to open in April 2024



Certificates on the website







Types of OCPP Certificates

For a Charging Station and Charging Station Management System

For a Charging Station

For a Charging Station and Charging Station Management System

Full Certificate OCPP 1.6



Subset Certificate OCPP 1.6



Security Certificate OCPP 1.6

Functionality	
Core	Mandatory
Firmware Management	Mandatory
Smart Charging	Mandatory
Reservation	Mandatory
Local Authorization List	Mandatory
Management	
Remote Trigger	Mandatory

Functionality	
Core	Mandatory
Firmware Management	Optional
Smart Charging	Optional
Reservation	Optional
Local Authorization List	Optional
Management	
Remote Trigger	

Functionality	
Security General	Mandatory
Security Profile 1	Optional
Security Profile 2	Either 2 or 3
Security Profile 3	is Mandatory

See: OCPP Certification Procedure

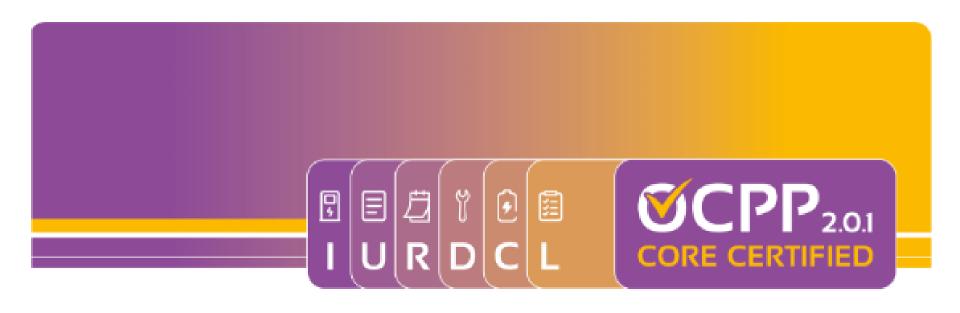


Types of OCPP Certificates — OCPP 2.0.1

For a Charging Station Management System, Charging Station and Charging Station Software Stack



	Functionality	
Mandatory	Core	
Optional	Advanced Security	
Optional	Local Authorization List Management	
Optional	Smart Charging	
Optional	Advanced Device Management	
Optional	Reservation	
Optional	Advanced User Interface	
Optional	ISO 15118 support	



Functionality	
Core	Mandatory
Advanced Security	Optional
Local Authorization List	Optional
Management	
Smart Charging	Optional
Advanced Device Management	Optional
Reservation	Optional
Advanced User Interface	Optional
ISO 15118 support	Optional

See: OCPP Certification Procedure



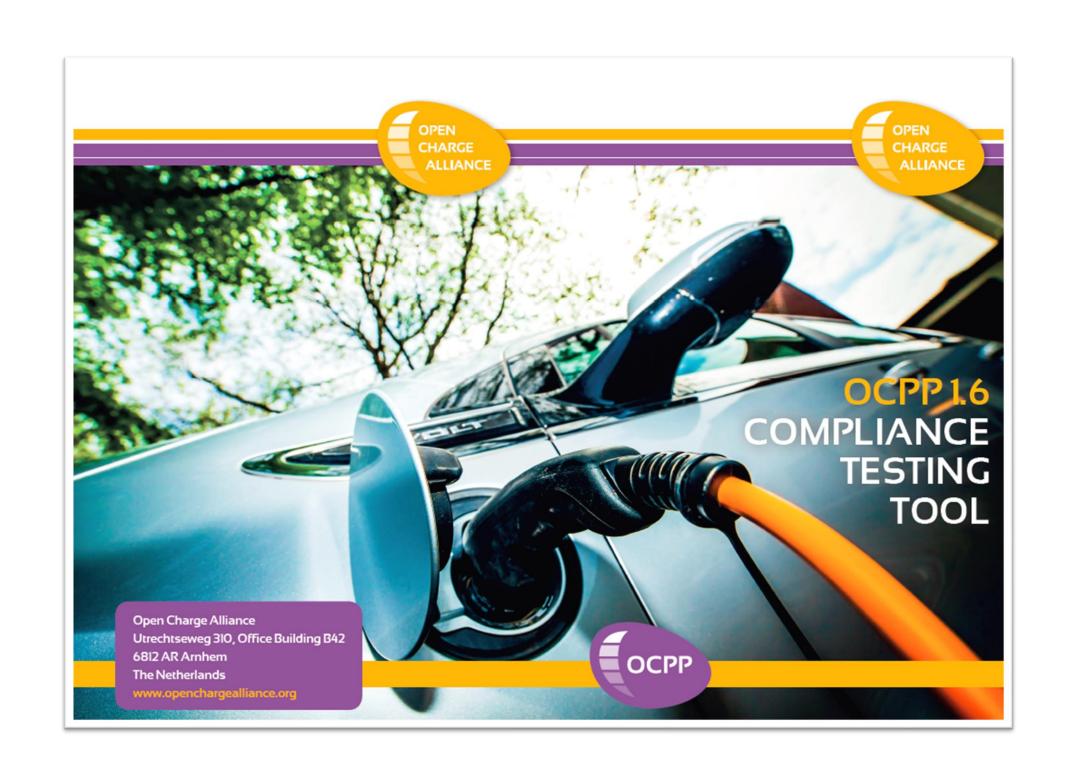
OCPP 2.0.1 Certification fees (maximum)

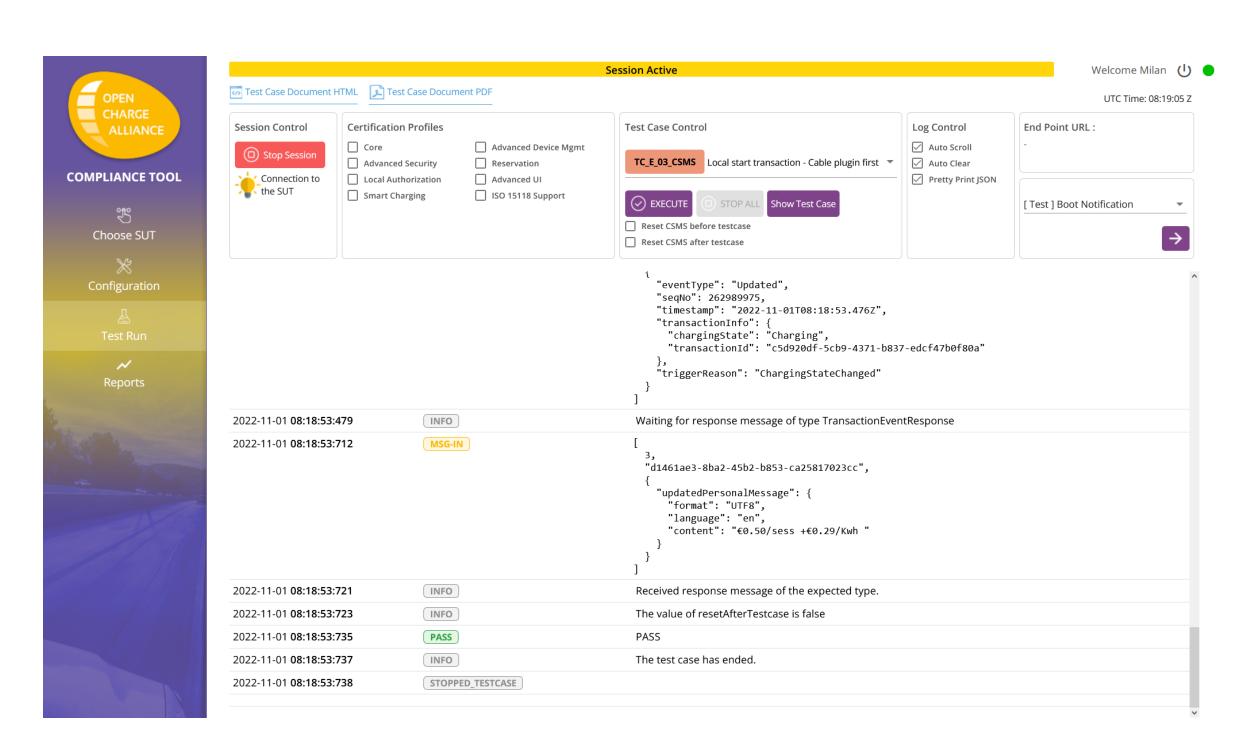
		OCA participant		Non participant	
		Charging Station	Charging Station Management system	Charging Station	Charging Station Management system
OCPP1.6	CCPP _{1.6} Fully Certified	7.000 €	4.800 €	10.500 €	8.300 €
OCPP2.0.1	© CPP _{2.0.1} S CORE CERTIFIED	7.500 €	4.800 €	11.000€	8.300 €
		tbd	tbd	tbd	tbd





The Certification Labs use the OCPP Toolkit for OCPP 1.6 and OCTT for OCPP 2.0.1

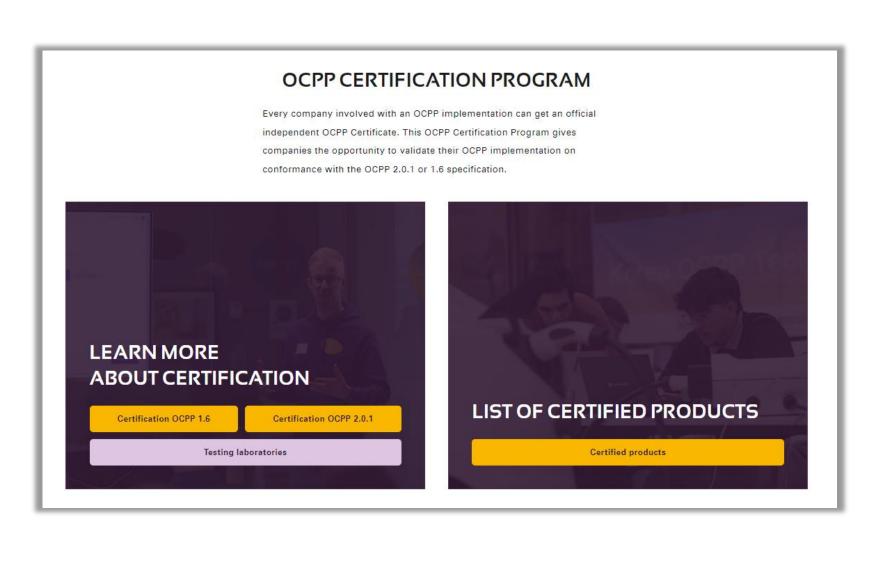




The OCTTs are available for members and non-members



Information on is the OCA website



- Certification ProcedureDocument
- → Describes the Certification

 Procedure (1 document for 1.6 and 2.0.1)
- Test Procedure & Test
 Plans
- → Describes the Test Procedure (version specific)

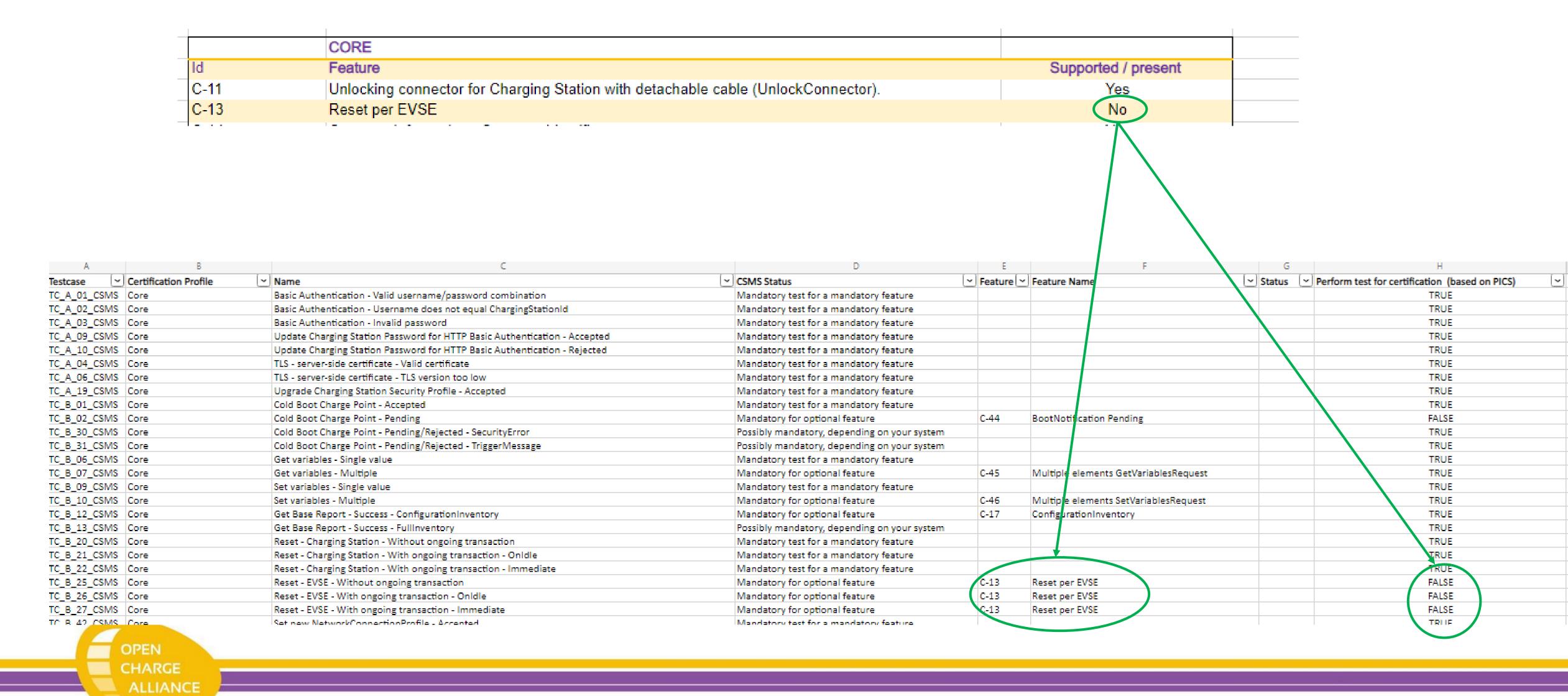
PICS (ProtocolImplementationConformanceStatement)

- → Describes what vendor wants to certify (version specific)
- List of Labs & Contact
 Details
- → The same labs for both versions

Managed
by the
Compliance
Working Group



Example: PICS for OCPP 2.0.1





OCPP 2.0.1 certification roadmap

OCPP 2.0.1 certification opened in **June '23** for 'Core' & 'Advanced Security'



OCPP 2.0.1 certification is expected to in **April '24** for the 6 additional profiles





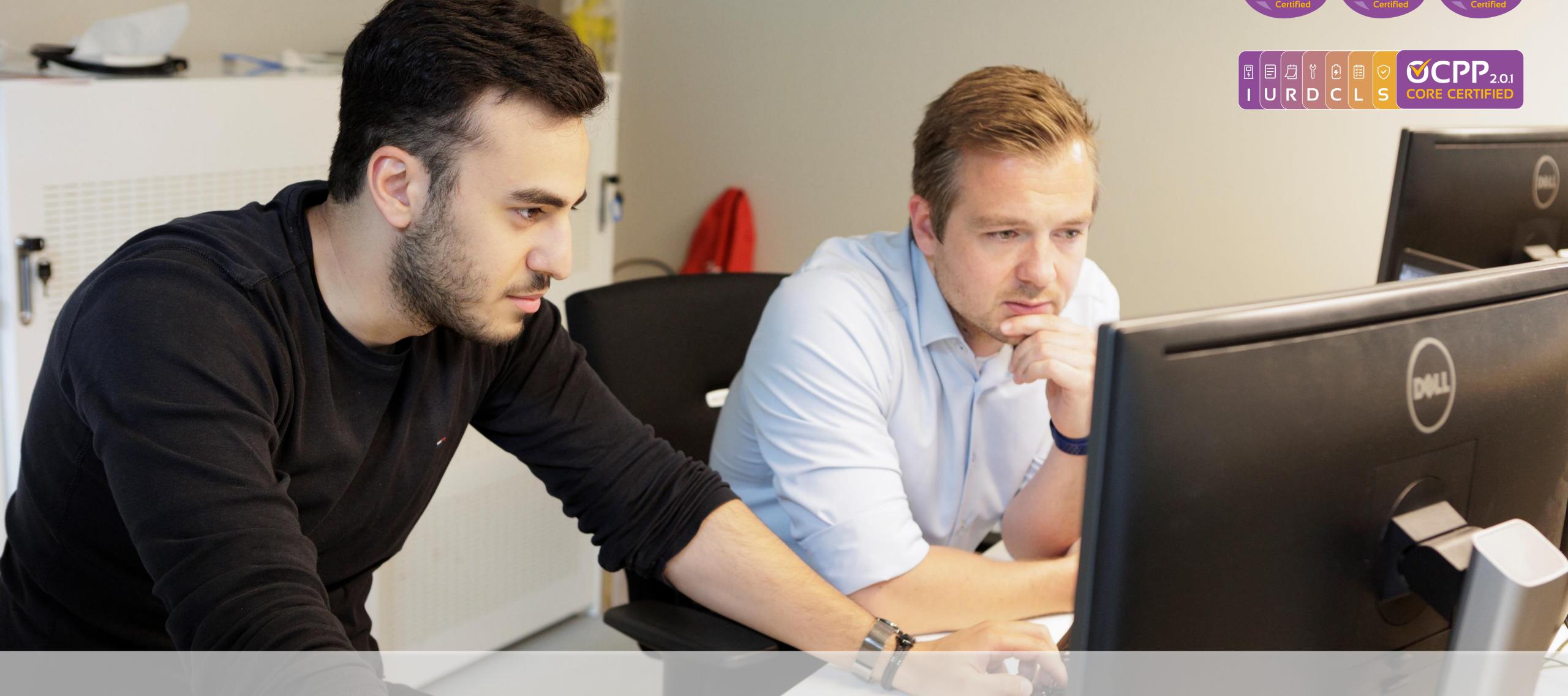
Currently Sprinting...

We are again "sprinting" towards opening for the remaining OCPP 2.0.1
Certification Profiles

Validation of OCTT with real implementations & prepare the implementations for a real certification run

Open OCPP 2.0.1 Certification Program for remaining Certification Profiles in April 2024





We are looking forward to seeing you at the OCPP Certification Program!!