European Commission

Programme Support Action

- **Unique identification codes of e-mobility actors, and**

- **Data collection related to Alternative Fuels infrastructure**

Version date: 29/3/2017

Alain Van Gaever
MOVE.B.4

Transport

Programme Support Action on data collection related to Alternative Fuels infrastructure and unique identification codes of e-mobility actors

Objectives:

- ✓ collect data on the unique **ID codes of e-mobility actors** (vehicles/ and infrastructure) in view of ensuring unique code assignement across the EU network + create a repository of ID codes in use across the EU network

- ✓ collect **data on the location** of the refuelling/ recharging points with primary focus on **electric charging points & hydrogen** (other alternative fuels: optional)

Budget: 3 million

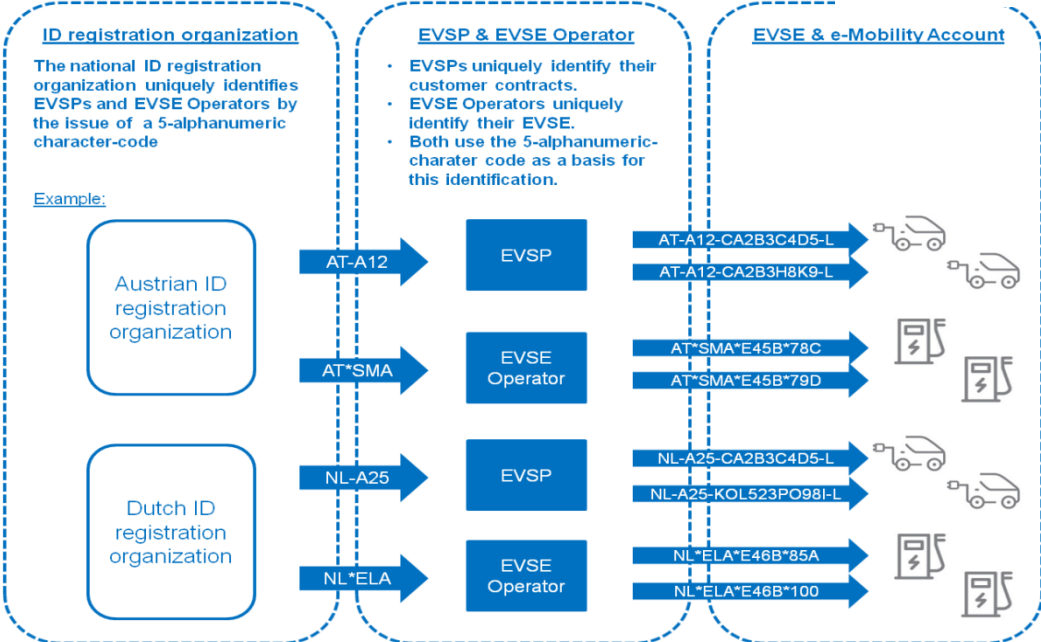**Grant Agreement:** put in place in 2018, request will be addressed to MS

Unique identification codes of e-mobility actors

EMA ID EXPLANATION ACCORDING TO ISO/IEC 15188

Issued by:	ID registration organization			EVSP		
Example	AT	A12		12A23GHI	3	"-"
Explanation	2 characters (alphanumeric) [ISO 3166-1]	3 characters (alphanumeric) [A-Z; 0-9]{3}		up to 9 characters (alphanumeric) [A-Z;a-z;0-9]{9}	optional but highly recommended	optional
Description	Country Code	Provider ID		eMA Instance	Check Digit	Separator

Scope of Guideline · Not Scope of Guideline

ID registration organization

The national ID registration organization uniquely identifies EVSPs and EVSE Operators by the issue of a 5-alphanumeric character-code

Example:

Austrian ID registration organization

AT-A12

Dutch ID registration organization

NL-A25

NL*ELA

EVSP & EVSE Operator

- EVSPs uniquely identify their customer contracts.
- EVSE Operators uniquely identify their EVSE.
- Both use the 5-alphanumeric-charater code as a basis for this identification.

EVSP

EVSE Operator

EVSP

EVSE Operator

EVSE & e-Mobility Account

AT-A12-CA2B3C4D5-L
AT-A12-CA2B3H8K9-L

AT*SMA*E45B*78C
AT*SMA*E45B*79D

NL-A25-CA2B3C4D5-L
NL-A25-KOL523PO98I-L

NL*ELA*E46B*85A
NL*ELA*E46B*100

EVSP: Electric Vehicle Service Provider | EVSE : Electric Vehicle Supply Equipment (Charge Point)

Mobility and Transport

CONNECTING EUROPE

Example identification codes of e-mobility actors

Leden

Hieronder vindt u alle organisaties die zijn aangesloten bij eViolin.

Lid	Provider ID* (EVCO-ID)	Operator ID* (EVSE-ID)	Website
Alfen		NL – ALF	www.icu-charging-stations.com
Allego		NL – ALL	www.allego.nl
ANWB	NL – ANW	NL – ANW	www.anwb.nl
Blue Corner	NL – BCA	NL – BCA	www.bluecorner.be
Blue Current		NL – BCU	www.bluecurrent.nl
BMW	NL – BMW		www.bmw.nl
EVnetNL		NL – EVN	www.evnet.nl
Eneco	NL – ENE	NL – ENE	www.eneco.nl
EV-Box	NL – EVB	NL – EVB	www.ev-box.nl
Fastned		NL – FAS	www.fastned.nl
FLOW Charging	NL – FLW	NL – FLW	www.flowcharging.com
Green Flux	NL – GFX	NL – GFX	www.greenflux.nl
LastMileSolutions	NL – LMS	NL – LMS	www.lastmilesolutions.com
Movenience	NL – MOV		www.movenience.nl
MultiTankcard	NL – MTC		www.mtc.nl

Source: eViolin.nl

Mobility and Transport

CONNECTING EUROPE

Unique identification codes of e-mobility actors

The **overall objective** is to support:

- the development of a common ID Registration Repository

- its institutional underpinning that can function as a central reference and validation mechanism for the assignment of new codes

- organisational mechanisms to support:

    - an easy and timely provision of ;
    - access to;
    - and exchange of information

    for e-mobility ID codes

Importance of **ensuring continuity** beyond the period of this PSA !

EVSP: Electric Vehicle Service Provider | EVSE : Electric Vehicle Supply Equipment (Charge Point)

- **Description of e-mobility codes: SGEMS D.3.1**

Location of the refuelling/recharging points
(focus on electric charging points & hydrogen refuelling points)

Primary aim: facilitate finding of operational Charging point

- Requires data on location of refuelling/recharging stations

- Both for static and dynamic data
  - **Static:**
    - Location (GPS coordinates / Street name)
    - List of available charging solutions (power,…)
    - List of available connectors
    - Opening hours, payment methods
    - Contact information
    - E-mobility codes
    - …
  - **Dynamic:**
    - Availability (operational / out-of-order)
    - Occupation status (free/occupied)
    - Price (ad-hoc charging)

- Data collection is **mandatory** for:
  - EV Charging Points ⎤
  - Hydrogen refuelling ⎦ **zero-emission**

- **Optional** for:
  - LNG
  - CNG
  - LPG
  - Highly blended Biofuels

- Accessible through the **National Access Point**
  - Description of types of data: SGEMS D.1.2
  - Interface with National Access Point: DATEX II

Location of the refuelling/recharging points

Example of a Charging Station App –
build on top of location data for EV Charging (Nobil)

- Importance of accessibility of data for third party actors

- Note the relevant legislation:
  - ITS Directive &
  - Alternative Fuels directive

- Importance of **ensuring continuity** beyond the period of this PSA !

Process of Programme Support Action

✓ CEF Transport Committee casted a positive vote on the CEF Work Programme on 12 **December 2017**. The Commission Implementing Decision is expected in January 2018.

✓ The Commission has developed description of tasks/eligible activities, which are described in the Requests to submit a proposal for a grant.

✓ The Commission will issue Requests to submit a proposal for a grant to all 28 Member States by **early April 2018.**

✓ Timeline for submitting applications: **15 June 2018**

✓ Indicative timeline for the evaluation and clarifications with the applicants: July 2018

✓ Indicative signature of the Grant Agreement: **September 2018**

Process of Programme Support Action

- ✓ Member States are requested to coordinate amongst themselves in view of submitting one proposal with **at least 9 Member States** participating (however more Member States are invited to participate)

- ✓ **One Member State** is requested to act as **Coordinator** for this Grant (overseeing an overall allocation of tasks/ budget/ timetable for the completion of the tasks)

- ✓ The **Grant Agreement** will be put in place **with the Ministries** (= legal link with the Commission), however the conditions for awarding Grant will specify that the Member State can designate an Affiliated Entity to execute (part) of the tasks. Details will be described in the Request for submitting a proposal for a grant.