How Vehicle Registration Authorities can help to reach your goals

Asecap Day's 25 November 2022
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Topics today

Very Short Introduction **EReg** en **EUCARIS**

Update **EUCARIS** in relation with **EETS directive**

What is **Actual Vehicle Information**,
and why should you use it

How **Vehicle Registration Authorities**
work together on **data quality**

What is EUCARIS ?

EUCARIS is a **network of countries** working together on the **international exchange** of **mobility and transport related data**. Based on the EUCARIS Treaty, the EUCARIS organisation governs the EUCARIS application which is used all over Europe to exchange data between registration authorities.

https://www.eucaris.net

What

EUCARIS

| Legislation | Organisation | Application |

- Generic Data exchange system
- It's **NOT**
  - A database
  - A central repository
  - An EU system
- Application developed and maintained by the EUCARIS organisation for all users.

More info on www.eucaris.net.

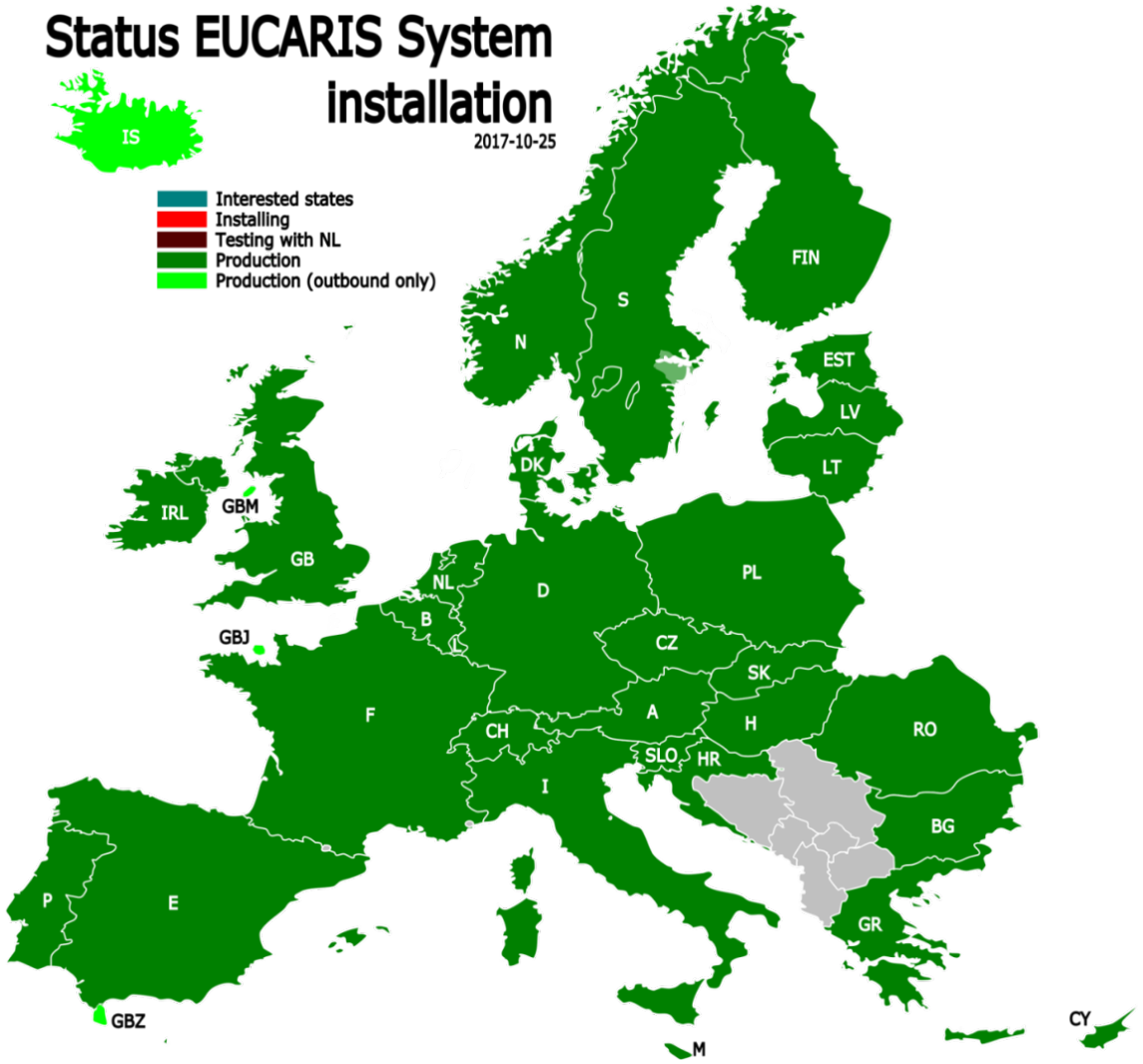
Where ?

41 connections in total (1- and 2-sided)

36 countries

> 150 million messages per year

On https://www.eucaris.net/dashboard/availability-per-service/ you can see which countries are connected to each functional service



EReg

Started in 2012 as a EUCARIS spin-off

better executable policy, executed better

EReg objectives

Bring together the European **Registration Authorities** to be able to:

- **Share knowledge**, experience and good practices
- Identify, **follow** and influence European **developments** and **regulations**
- Take initiatives aimed at **improving** the **performance** of tasks by the **members** as European partners
- Establish exchange and **cooperation** arrangements with relevant **other parties**
- Promote **effective** and efficient **data exchange**

STATUS EETS IN EUCARIS

EETS Directive?

- The European EETS directive EU 2019/520

> 4. Member States shall take the measures necessary to ensure that the exchange of information is carried out using the European Vehicle and Driving Licence Information Syste (Eucaris) software application and amended versions of this software, in compliance with Annex I to this Directive and with points 2 and 3 of Chapter 3 of the Annex to Decision 2008/616/JHA.

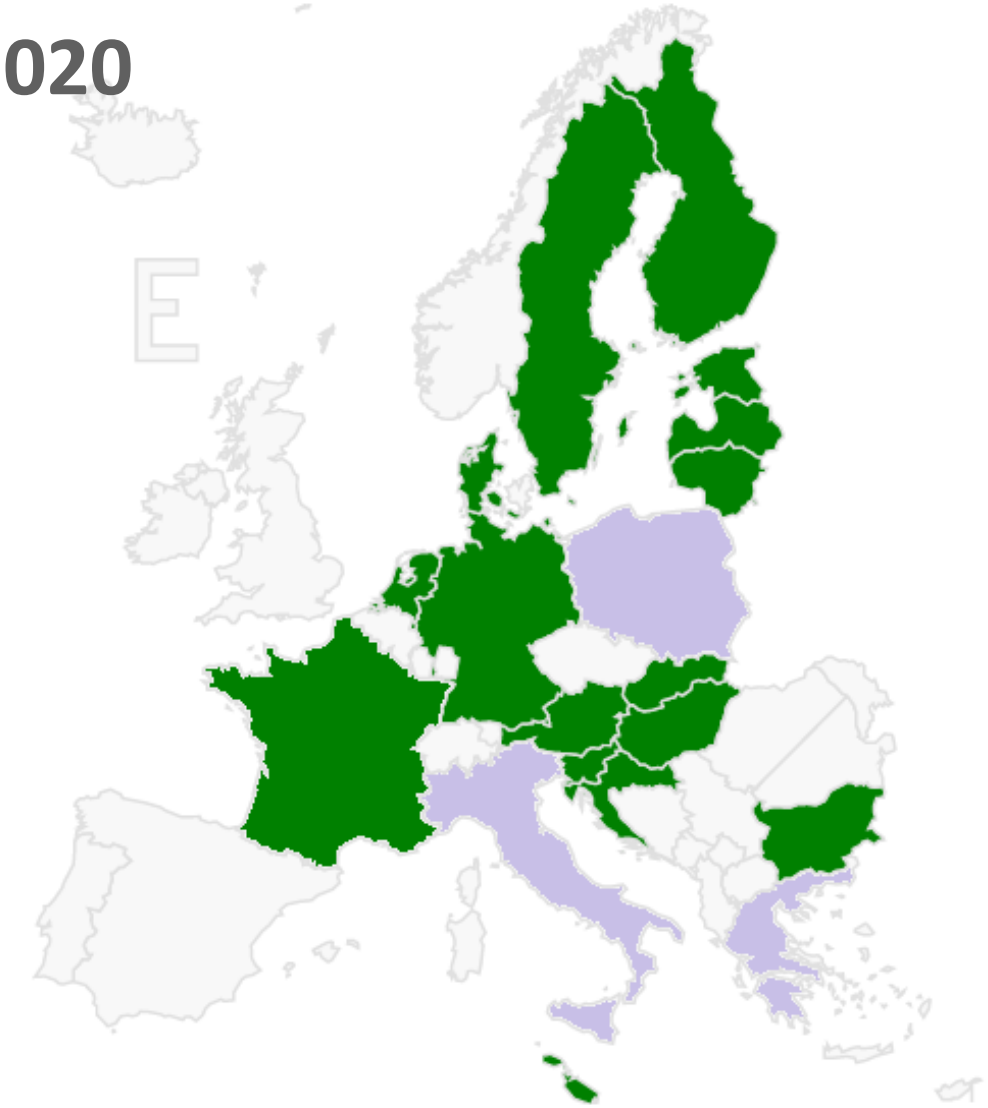
- Upcoming updates of CBE directive

Update EETS implementation status

TOLL **extension** for EUCARIS delivered in **2020**

16 countries in **production**

3 others **ready**



https://www.eucaris.net/dashboard/availability-per-service/

WHAT IS ACTUAL VEHICLE INFORMATION, AND WHY SHOULD YOU USE IT

Technical Vehicle Data

Certificate Of Conformity (COC)

= Birth certificate of a vehicle

Vehicle Identification Number (VIN)

= Unique identification of a vehicle

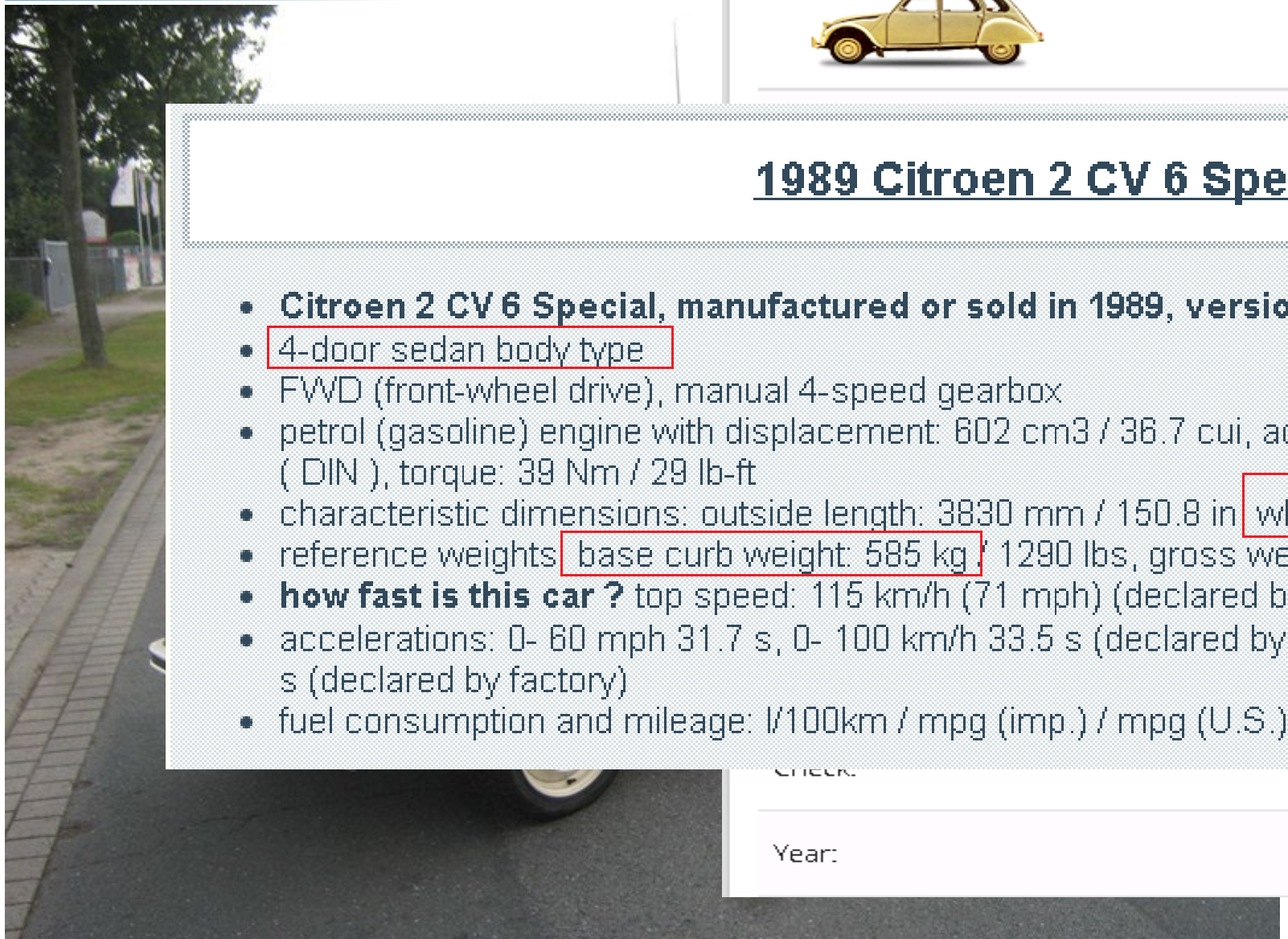
Actual Vehicle Information (AVI)

= The actual status of a vehicle

Non Sensitive Vehicle Data (NSVData)

= Subset of AVI with non sensitive data

Examples



Your VIN number was successfully decoded:

COC Data

1989 Citroen 2 CV 6 Special

- **Citroen 2 CV 6 Special, manufactured or sold in 1989, version for Europe**
- 4-door sedan body type
- FWD (front-wheel drive), manual 4-speed gearbox
- petrol (gasoline) engine with displacement: 602 cm3 / 36.7 cui, advertised power: 21.5 kW / 29 hp / 29 PS (DIN), torque: 39 Nm / 29 lb-ft
- characteristic dimensions: outside length: 3830 mm / 150.8 in wheelbase: 2400 mm / 94.5 in
- reference weights base curb weight: 585 kg / 1290 lbs, gross weight GVWR: 930 kg / 2050 lbs
- **how fast is this car ?** top speed: 115 km/h (71 mph) (declared by factory);
- accelerations: 0- 60 mph 31.7 s, 0- 100 km/h 33.5 s (declared by factory), 1/4 mile drag time (402 m) 22.7 s (declared by factory)
- fuel consumption and mileage: l/100km / mpg (imp.) / mpg (U.S.) / km/l

Year: **1989**

Examples

AVI

	Mass		
F1	Permissible laden mass (technically)	:	1390 kg
F2	Permissible laden mass (in MS of registration)	:	1390 kg
F3	Max Permissible laden mass (whole vehicle)	:	
G	Mass in service (bodywork + coupling if applicable)	:	1040 kg
Q	Power to weight ratio	:	
	Max towable mass		
01	Braked	:	400 kg
02	Unbraked	:	280 kg
	Axles		
M	Wheelbase	:	4250 mm
L	Number of axles	:	2
N	Max mass axle : 1	:	745 kg
N	Max mass axle : 2	:	645 kg
	Passengers		
S1	Number of seats	:	6
S2	Number of standing places	:	

Which type of engine?

Use Actual Vehicle Information

Your local vehicle authority can help !

https://www.vehicle-chain.eu/report.aspx

or

https://www.eucaris.net/countries/

HOW VEHICLE REGISTRATION AUTHORITIES WORK TOGETHER ON DATA QUALITY

EReg TG XXI

Define a **dataset** to maintain in the **Vehicle Register** per Vehicle Categorie.

- What data is stored and for what goals?
- How do we guarantee the quality and actuality of the data?
- What vehicle modifications are registered and what procedures are used for that?
- What events in the life cycle of a vehicle have to be registered?
- What procedures are used to register changes in the holdership or ownership of a vehicle

https://www.ereg-association.eu/topic-groups/topic-group-xxi/

EReg TG Results

The GM of **2021** agreed on the **dataset** for **M** category.

- Set of about 50-80 attributes
- Based on eCOC dataset

In **2022** the dataset for **L, N, O** is completed

TG XXI is currently working on Harmonizing vehicle registration **processes** and **statuses**

https://www.ereg-association.eu/topic-groups/topic-group-xxi/

Other Ereg/EUCARIS subjects

- ★Revision of the Road Worthiness Package
- ★Dynamic Vehicle Characteristics
- ★Single Digital Gateway
- ★Exchange of Type Approval data between TAA’s

https://ww.Eucaris.net or eucaris2help@rdw.nl