



EUCARIS

the basics

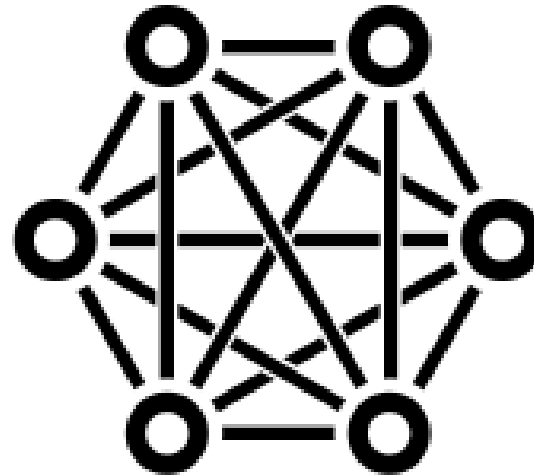
18 October 2022, Idske Dijkstra
The Netherlands Vehicle Registration Authority (RDW)
Senior Advisor
Head of EUCARIS Secretariat



Topics

Introduction EUCARIS

- What
- Why
- Where
- How





What

European CAR and driving licence Information System

- European information exchange platform
- For mobility transport related data
- Between registration authorities
- Strictly non-profit

Legislation | Organisation | Application |



- Data exchange has to be based on legislation
 - EUCARIS Treaty
 - EU legislation
 - Bilateral and Multilateral agreements



What

European CAR and driving licence Information System

Legislation | Organisation | Application |



- Highest authority = the General Assembly
all connected countries represented
- Chairman (3 years)
- Tasks via nominated parties
 - Depositary EUCARIS Treaty (LU)
 - ICT (5 years - currently NL)
 - Secretariat (3 years – currently NL)

Description in EUCARIS Treaty and
in underlying Rules of Procedure



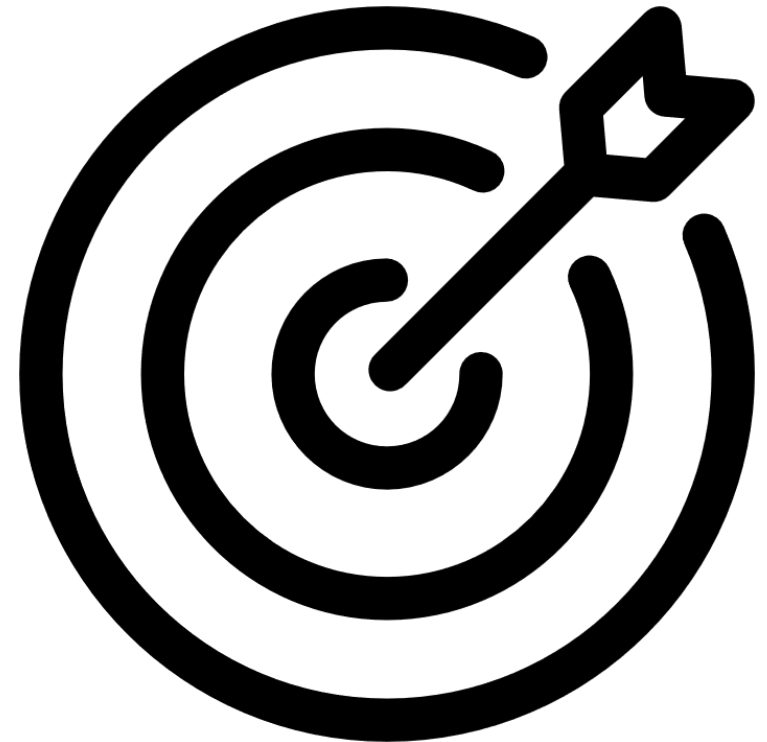
Why - EUCARIS Objective

Original aims of EUCARIS

- Prevention of fraud and crime related to import / export of stolen vehicles
- Facilitation of the registration process of imported vehicles
- Facilitation of the exchange of driving licences
- Accurate records in national databases

Nowadays the EUCARIS objective is:

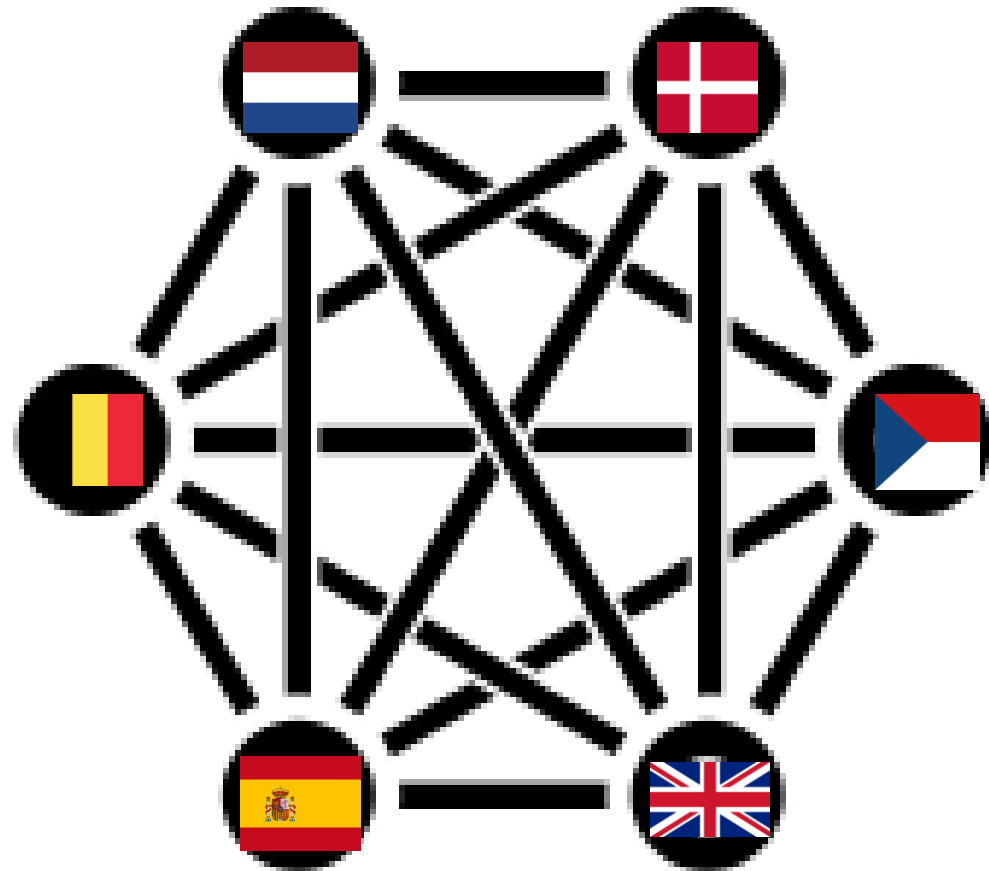
- Provide a general exchange mechanism for **all mobility and transport related data** between all registration authorities of Europe





How

All EU Member States connected via
TESTA network of the Commission



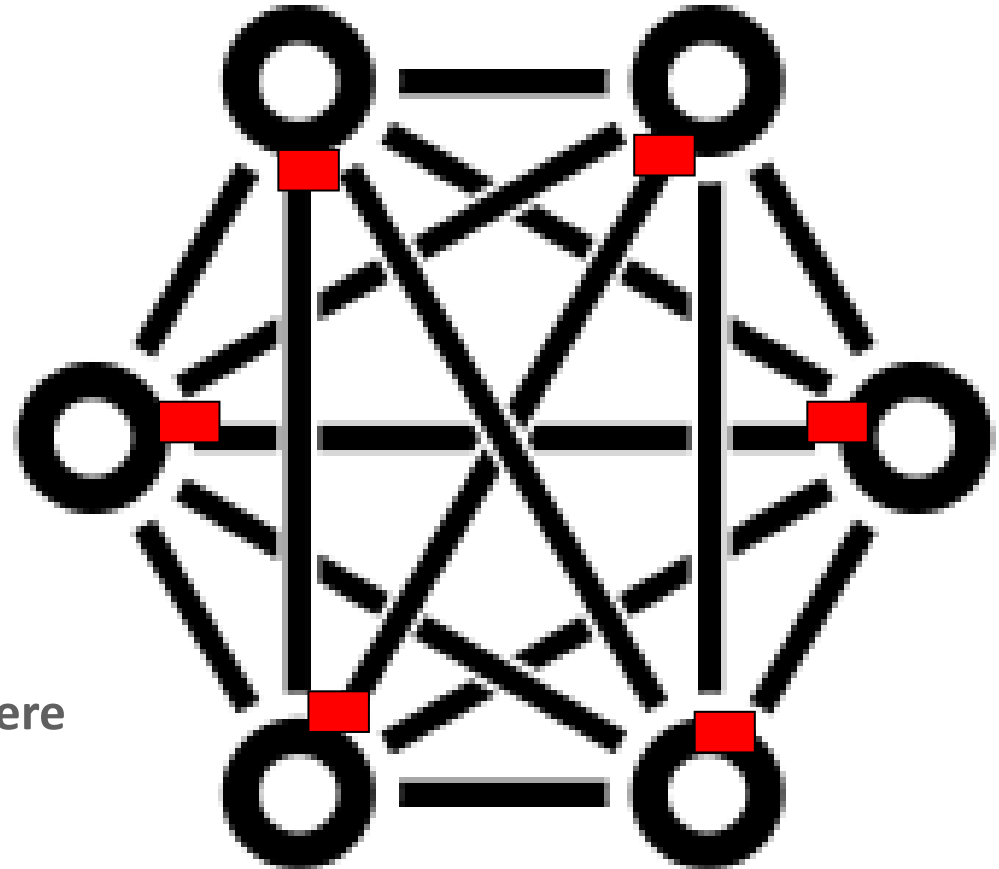


How

EUCARIS software installed at
EUCARIS National Contact Points (NCP's)

→ Vehicle and Driver Registration Authorities

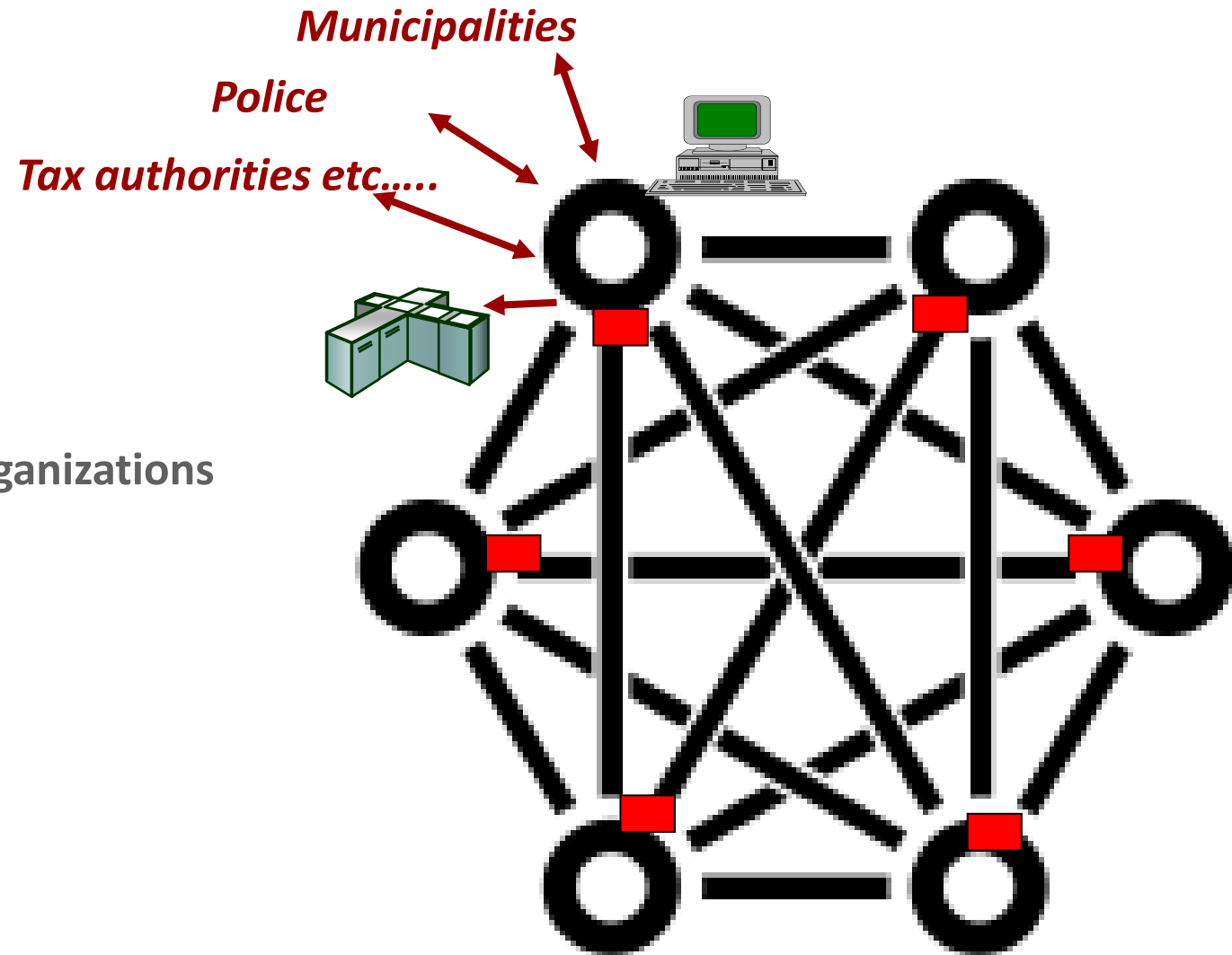
Interface to the rest of Europe is the same everywhere





How

Via EUCARIS NCP's
connection of national registers
and
connection with other national organizations





How

One generic framework with different services, exchange based on different legislation

EUCARIS Treaty + 1999/37 <i>Technical vehicle & driving licence data</i>	Prüm/ Council Decisions <i>Vehicle-, Owner-Holder Insurance info</i>	Bilateral Treaties <i>Personal and technical data (traffic fines)</i>	eCall (ITS) eFTI <i>Technical Vehicle Data Freight data</i>	TACHO ERRU <i>Tachograph Cards Transport Under Takings</i>	RESPER <i>Driving licence Data CPC</i>	CBE Tax/VAT Tolls <i>Vehicle-, Owner-Holder Info</i>	Motor Insurance Directive <i>Vehicle-, Owner Holder Insurance info</i>	2018/858 <i>CoC-TA-data</i>	RSI/PTI <i>Technical Vehicle Data Inspection Results</i>	?
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EUCARIS generic framework/technology/basic system:
authorisation, encryption, signing, logging, routing, MCI, queuing, retry, help files, translation, statistics



Where

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

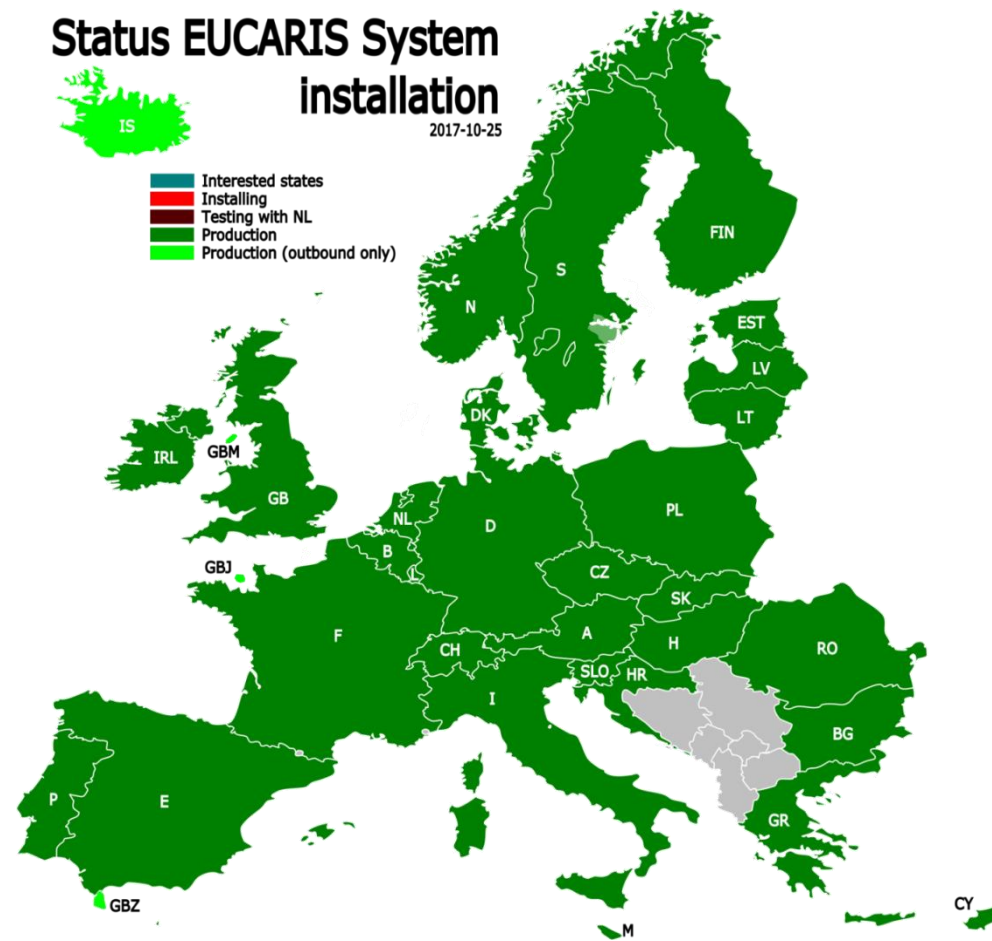
36 countries

> 250 million messages

Interest of

- Balkan
- USA
- Australia, New Zealand
- Africa

Agreement General Assembly 2020 to expand





Environmental zones

A two-step process

Step 1:

Exchange of technical vehicle data to determine the vehicle characteristics and to signal the infringement

Step 2:

Exchange of vehicle owner/holder information for the fine

Technical vehicle data exchanged already between 20 countries (including IS, LI, NO)

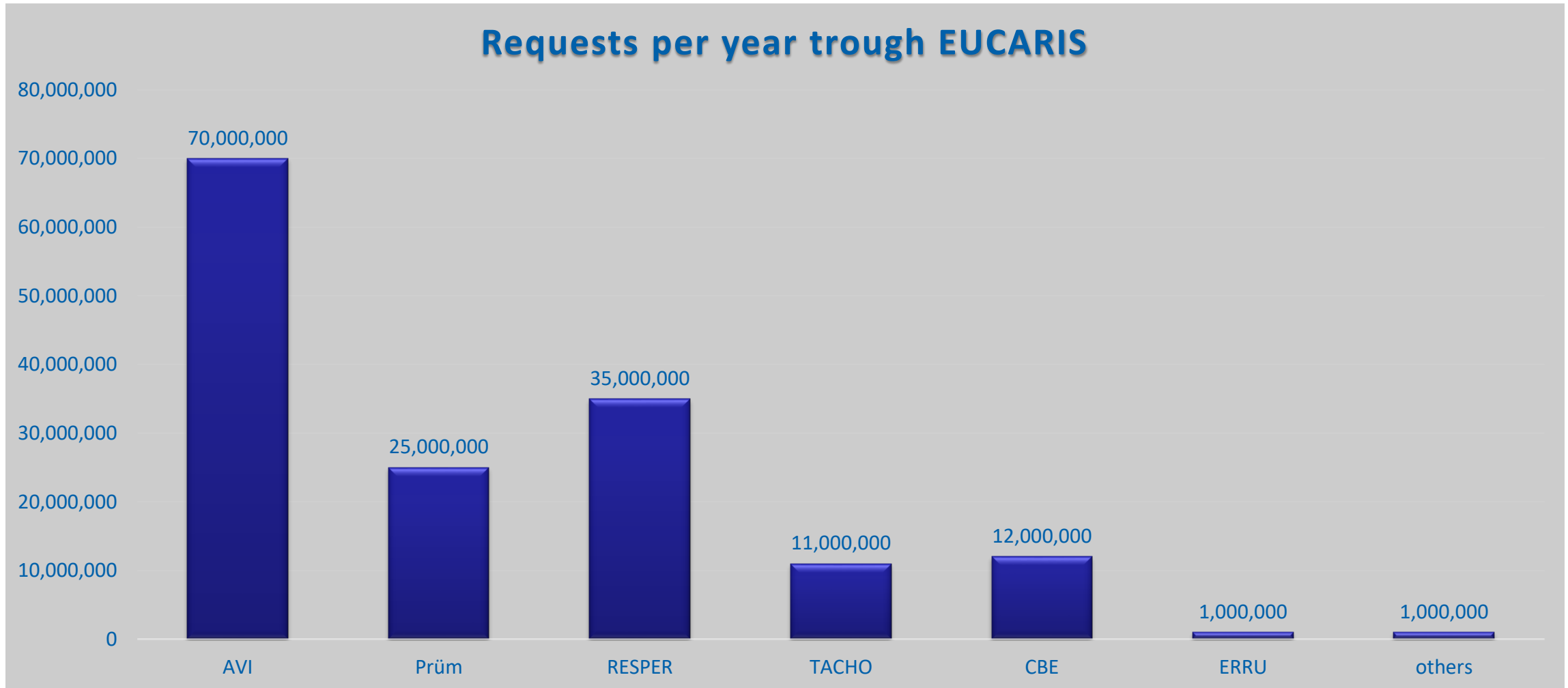
Vehicle owner/holder data exchanged by all 27 + CH, IS, LI, NO







How much?





How – finances

EUCARIS is strictly non-profit

Activities are carried out by and for national authorities

Costs are shared between the participants

Overall budget in 2022 is around € 1.500.000

Basic fee in 2022 is around € 30.000 per connection + fee for the functionalities that are used

→ In total € 28.000/€ 50.000 per connection, depending on the User Groups a country is in

In principle 1 EUCARIS connection per country, but some have 2 (more than 2 is also allowed)

Developments are sometimes pre-financed by a limited number of countries

Late adopters then pay an entrance fee

Information is for free: countries do not charge any costs for provided information



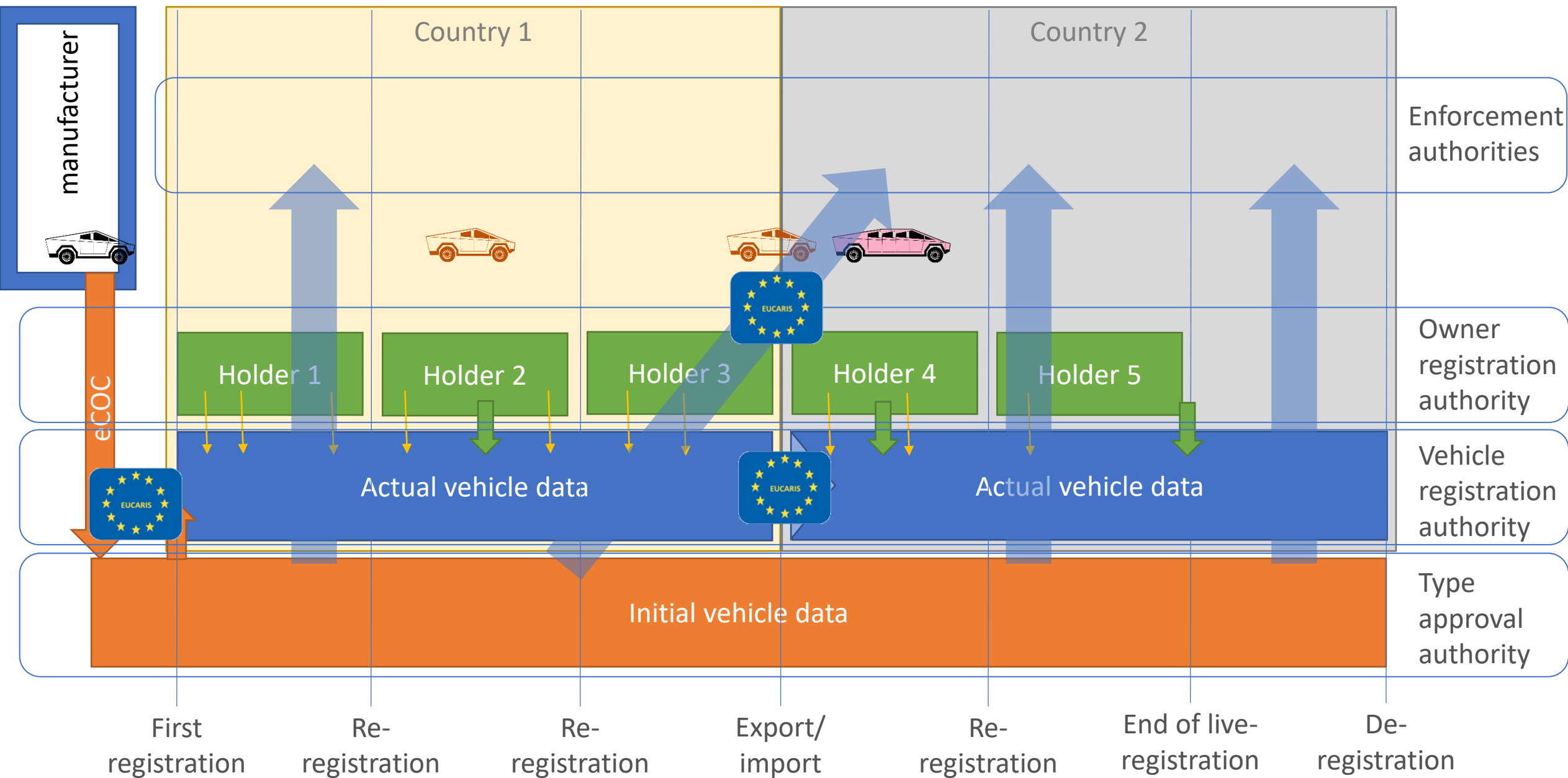
How – Finances

	0-General		1-VDI/Treaty		2-Prüm		4-Milea	5-FRRU	7-RESPER		8-eCall	9-CoC		10-CBE		11-Salz	12-Tax		13-Tolls	14-RS	15-PC	Total
	Oper	Rel	Oper	Rel	Oper	Rel	Rel	Oper	Oper	Rel	Rel	Oper	Rel	Oper	Rel	Rel	Oper	Rel	Rel	Rel	Rel	202?
AT	23.482	2.206	0	0	326	0	0	0	0	0	0	0	0	535	536	0	-268	3.250	1.339	0	0	31.406
BE	23.482	2.206	636	0	326	0	7.500	0	986	5.625	0	-1.570	5.357	535	536	0	-268	3.250	1.339	0	0	49.940
BG	23.482	2.206	0	0	326	0	0	0	986	5.625	1.875	0	0	535	536	0	-268	3.250	1.339	0	0	39.892
HR	23.482	2.206	0	0	326	0	0	-1.014	986	5.625	0	0	0	535	536	0	-268	3.250	1.339	1.364	0	38.367
CY	23.482	2.206	636	0	326	0	0	-1.014	986	5.625	0	0	0	535	536	0	-268	3.250	1.339	1.364	0	39.003
CZ	23.482	2.206	636	0	326	0	0	-1.014	986	5.625	1.875	0	0	535	536	0	-268	3.250	1.339	1.364	0	40.878
DK	23.482	2.206	0	0	326	0	0	0	986	5.625	0	0	0	535	536	0	-268	3.250	1.339	0	0	38.017
EE	23.482	2.206	636	0	326	0	0	0	986	5.625	0	0	0	535	536	0	-268	3.250	1.339	0	0	38.653
FI1	23.482	2.206	0	0	326	0	0	0	0	0	0	0	0	535	536	0	0	0	0	0	0	27.085
FI2	23.482	2.206	0	0	0	0	0	-1.014	0	0	0	-1.570	5.357	0	0	0	0	0	0	1.364	0	40.757
FR1	23.482	2.206	636	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30.971
FR2	23.482	2.206	0	0	0	0	0	0	0	0	0	0	0	535	536	0	0	0	0	0	0	26.759
DE	23.482	2.206	636	0	326	0	0	-1.014	0	0	0	0	5.357	535	536	0	0	0	0	0	0	42.790
GR	23.482	2.206	0	0	326	0	0	0	0	0	0	0	0	535	536	0	0	0	0	0	0	33.281
HU	23.482	2.206	636	0	326	0	0	0	0	0	0	0	0	535	536	0	0	0	0	0	0	38.653
IS	23.482	2.206	636	0	0	0	0	-1.014	0	0	0	0	0	0	0	0	0	0	0	0	0	25.310
IE	23.482	2.206	0	0	326	0	0	-1.014	0	0	0	0	0	535	536	0	0	0	1.364	0	0	38.367
IT	23.482	2.206	636	0	326	0	0	-1.014	0	0	0	0	0	535	536	0	-268	3.250	1.339	1.364	0	40.878
LV	23.482	2.206	636	0	326	0	7.500	0	986	5.625	0	-1.570	5.357	535	536	0	-268	3.250	1.339	0	0	49.940
LI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT	23.482	2.206	636	0	326	0	0	0	986	5.625	1.875	0	0	535	536	0	-268	3.250	1.339	0	0	40.528
LU1	23.482	2.206	636	0	0	0	0	-1.014	986	5.625	0	-1.570	5.357	0	0	0	-268	3.250	1.339	1.364	0	41.393
LU2	23.482	2.206	0	0	326	0	0	0	0	0	0	0	0	535	536	0	0	0	0	0	0	27.085
MT	23.482	2.206	0	0	326	0	0	-1.014	986	5.625	0	0	0	535	536	0	-268	3.250	1.339	1.364	0	38.367
NL	23.482	2.206	636	0	326	0	7.500	-1.014	986	5.625	1.875	-1.570	5.357	535	536	0	-268	3.250	1.339	1.364	0	52.165
NO	23.482	2.206	636	0	0	0	0	0	986	5.625	0	0	0	0	0	0	0	0	0	0	0	32.935
PL	23.482	2.206	0	0	326	0	0	0	986	5.625	0	0	0	535	536	0	-268	3.250	1.339	0	0	38.017
PT	23.482	2.206	0	0	326	0	0	0	0	0	0	0	0	535	536	0	-268	3.250	1.339	0	0	31.406
RO	23.482	2.206	636	0	326	0	0	0	986	5.625	1.875	0	0	535	536	0	-268	3.250	1.339	0	0	40.528
SK	23.482	2.206	636	0	326	0	7.500	0	986	5.625	0	-1.570	5.357	535	536	0	-268	3.250	1.339	0	0	49.940
SI	23.482	2.206	0	0	326	0	0	0	986	5.625	0	0	0	535	536	0	-268	3.250	1.339	0	0	38.017
ES	23.482	2.206	0	0	326	0	0	0	0	0	0	0	0	535	536	0	-268	3.250	1.339	0	0	31.406
SE	23.482	2.206	636	0	326	0	0	-1.014	986	5.625	1.875	0	0	535	536	0	-268	3.250	1.339	1.364	0	40.878
CH	23.482	2.206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.688
UK	23.482	2.206	636	0	326	0	0	0	986	5.625	0	0	0	535	536	0	-268	3.250	1.339	0	0	38.653
Tot	798.388	75.004	11.448	0	9.128	0	30.000	-12.168	23.664	135.000	15.000	-10.990	37.499	14.980	15.008	0	-7.504	91.000	37.492	15.004	0	1.277.953

35 2-sided
Connections

and
15
User Groups

Vehicle lifecycle and EUCARIS





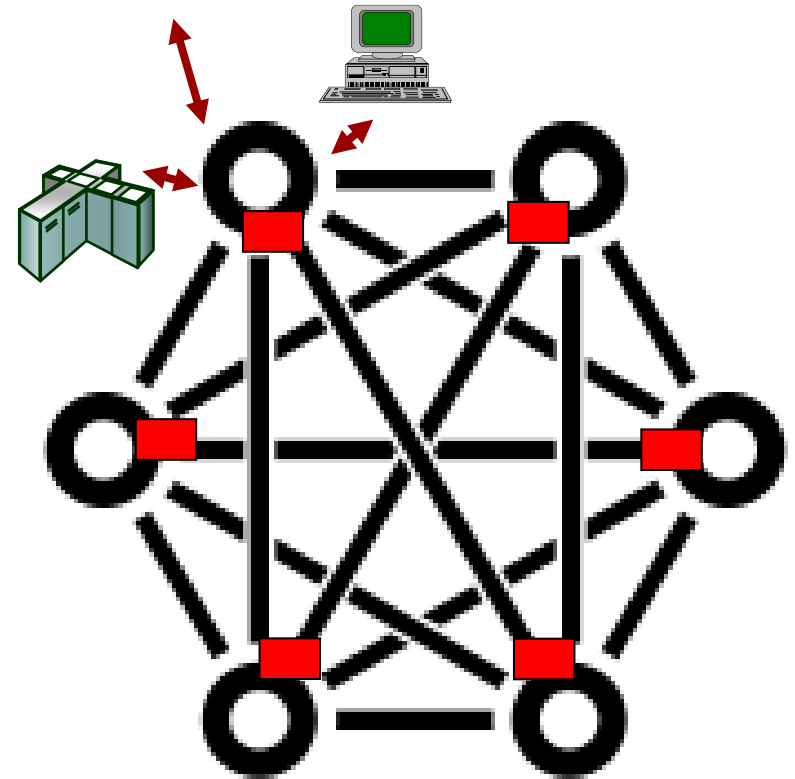
EUCARIS

- › European information exchange platform for mobility and transport related data between registration authorities (non-profit)
- › Data exchange always based on (EU) legislation
- › Governance based on EUCARIS Treaty and Rules of Procedure
- › RDW is Nominated Party for IT and Secretariat

| Legislation | Organisation | Application |



Police
Tax authorities
112 centers etc.



RESPER en EUCARIS

