

**ASECAP DAYS**



**MILANO 2024**



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# Cashless tolling in France, what's new?

**The impact of EETS directive on the relationship between toll chargers  
and EETS providers**

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# Freeflow deployment in France





→ Total State network:

- **Total : 21 310 Km**

- Including highways: 12 000 Km

- Under concession scheme: 9 310 km

→ On the concessionary network :

- 98,4 billion km travelled per year

- 1664 millions tolling transactions  
4,5 per day

- 369 service areas equipped with fast electrical charging stations (100%) (December 2023)

- 175 parking areas for car pooling (December 2023)

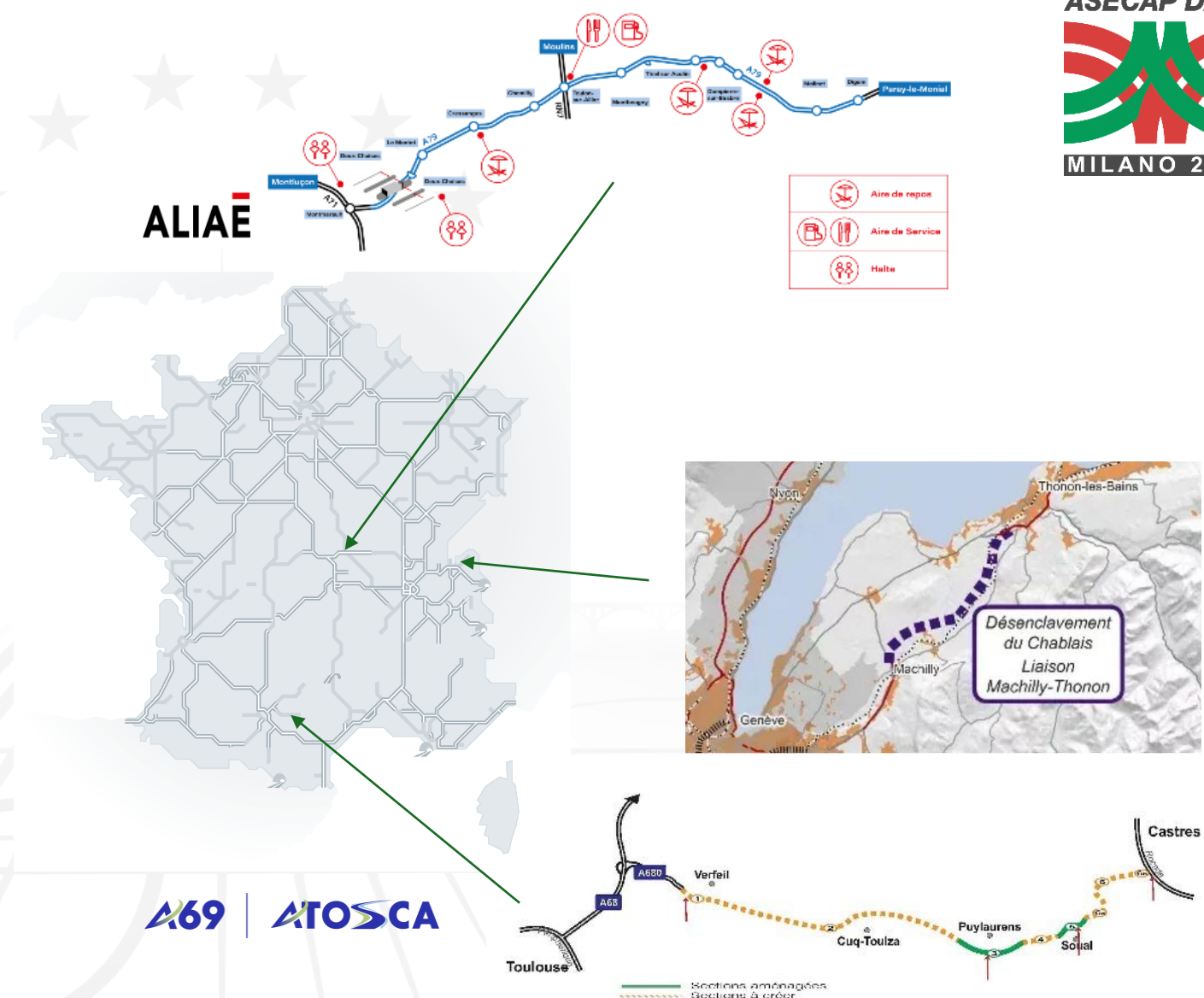
- 1895 wildlife crossing structures





- First free-flow tolling deployment under completion

- A79 Montmarault - Digoon
  - First free-flow highway in operation
  - 88km - delivered November 4<sup>th</sup>, 2022
- A69 Toulouse - Castres
  - Free flow model
  - Contract signed April 20<sup>th</sup>, 2022
  - 54km - delivery planned in 2025
- A412 Machilly - Thonon
  - Free flow model
  - Preferred bidder chosen February 5<sup>th</sup>, 2024
  - 16,5km - delivery planned in 2027





→ A13 and A14: switch towards free flow in process

- Administrative process

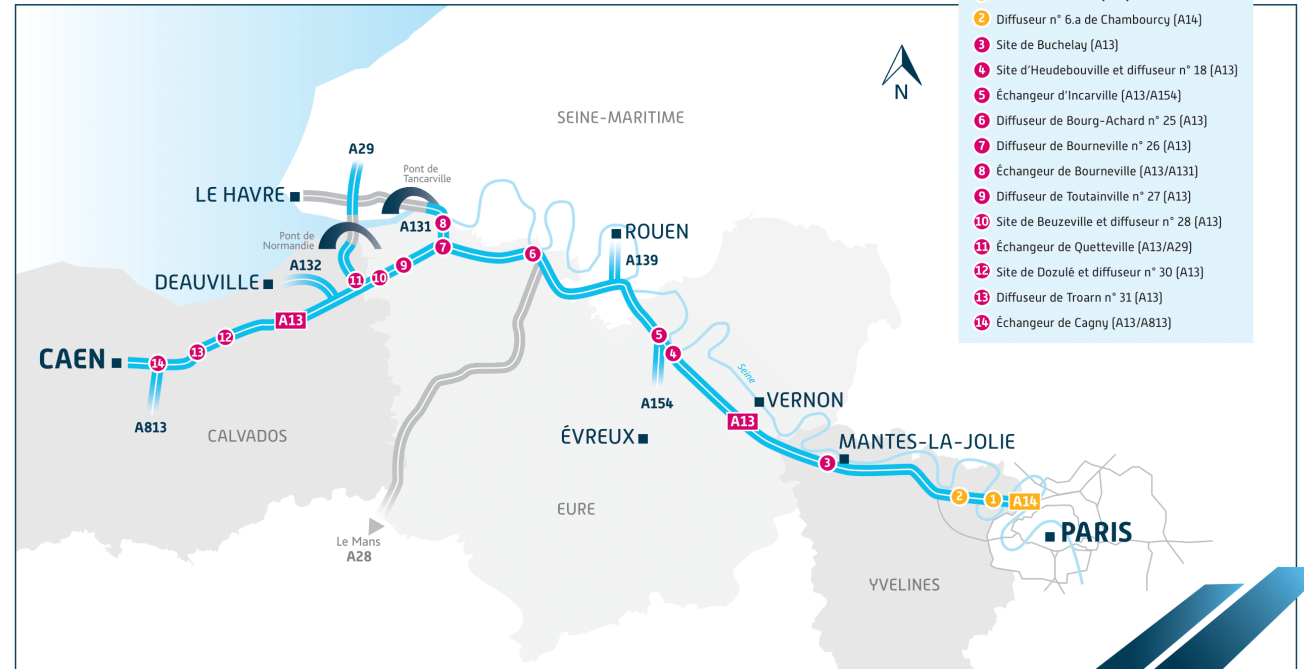
Favorable assessment of the transport regulator

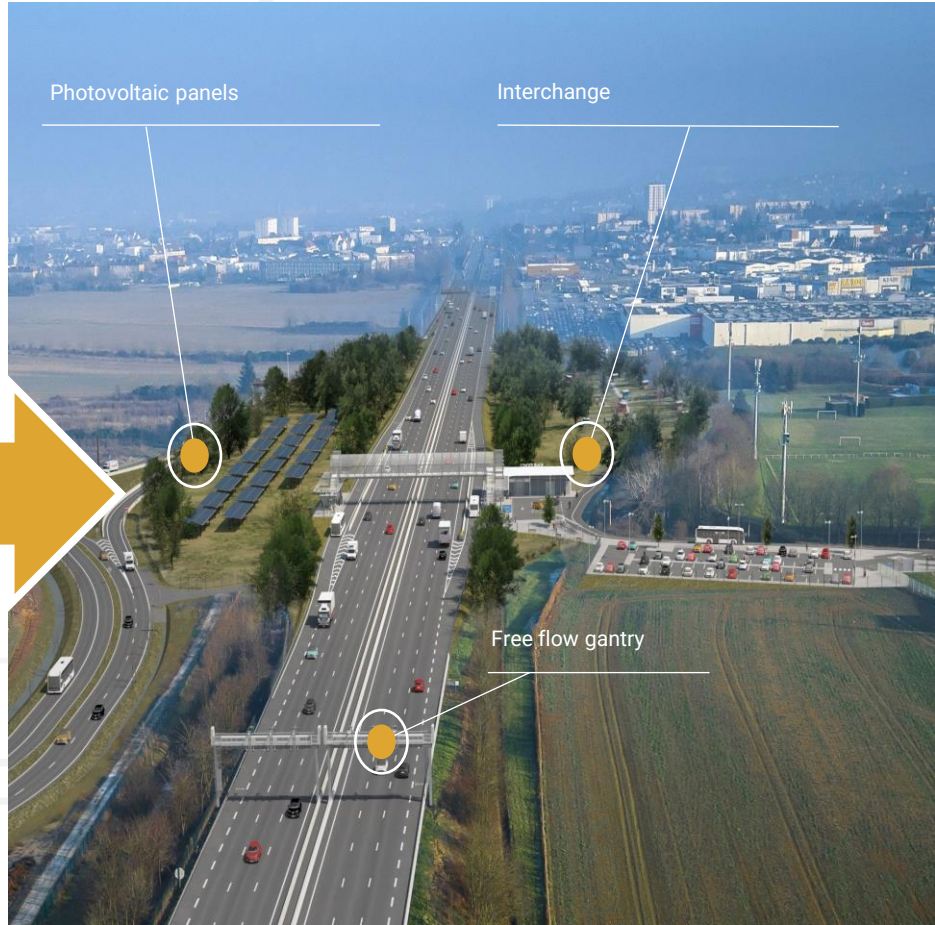
Concession contract modification published on December 22<sup>nd</sup>, 2021

Environmental procedures under completion

- 250km network
  - 163km 2x3, 87km 2x2
- 14 toll facilities to be transformed

PROJET AUTOROUTE EN FLUX LIBRE PARIS-NORMANDIE







# Cashless payment deployment in France







# Developing new channels of payment

- On site payment automatic machines
  - Mandatory for A79
  - 8 booths on the 88km infrastructure
  - Not adapted for high level of traffic
  - Challenge with management of real-time image review
  
- Nirio, a network of payment points
  - A partnership with the legacy gambling operator Française des Jeux
  - Dedicated payment points in almost all tobacco dealers: 10,000 operational early 2024, to be extended to 30,000
  - Cash or credit cards accepted
  - Anonymous payment method for privacy



# Cashless payment by OBU



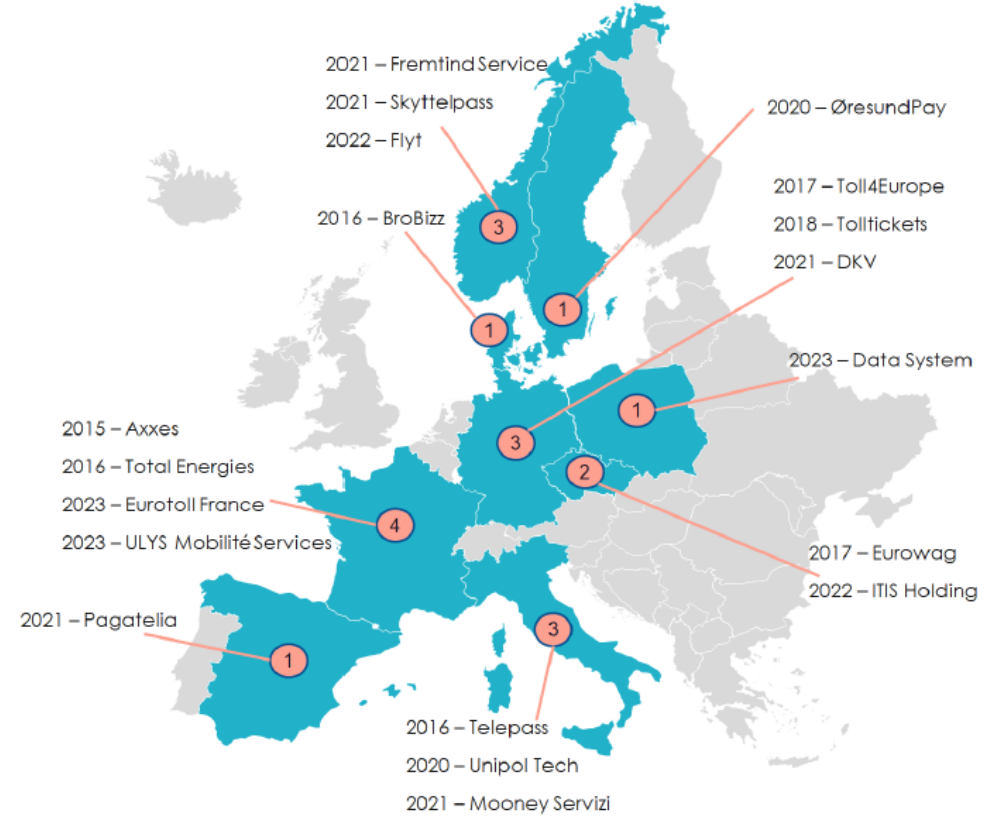


# Tolling services providers landscape in Europe

- Legacy service providers : Libert-t
  - Around 13 million active users
  - DSRC transponders
  - Service providers must be a toll charger and a member of ASFA or a subcontractor of one
  - Some OBUs are accepted in 4 countries (FR, IT, SP, PO)



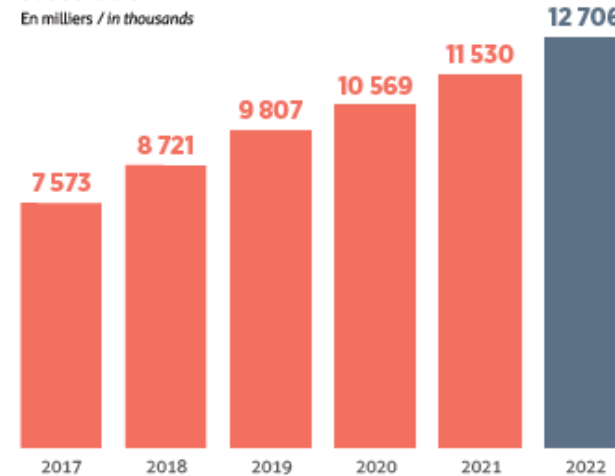
- EETS providers
  - Only system for HGV: 1.4 million OBUs active in France
  - Soon open to LV
  - 19 registered EETS providers across Europe
  - DSRC or multi-technology transponders (GNSS)



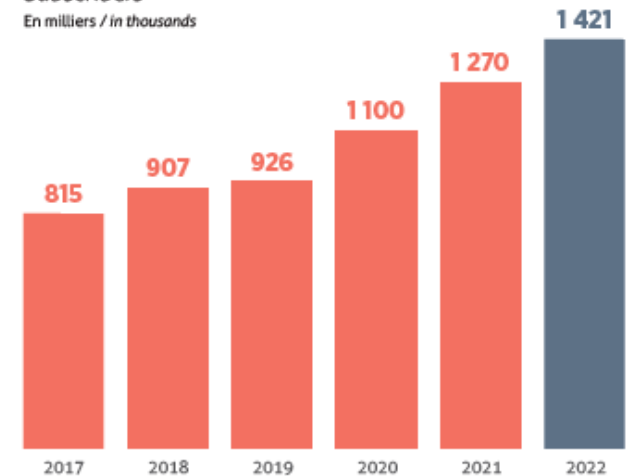
# A primary target: increasing the ratio of registered users

- Increase in tag penetration rate is a key factor of success
  - Liber-t, a successful legacy system, fully interoperable nationwide
  - EETS providers reaching out to new customers
  - Services providers guarantee payment to toll chargers
  
- “Video subscribers” (no OBU)
  - Capture rate lower than with OBU
  - Mandatory in new concession contracts
  - May be the support for frequent users’ rebates schemes
  - SMS or email "subscribers": a message is sent when detected
  
- Cooperation with service providers
  - Exchange of whitelists to identify customers if OBUs are not correctly detected

ÉVOLUTION DU NOMBRE D'ABONNÉS **Liber-t**  
Subscribers  
En milliers / in thousands



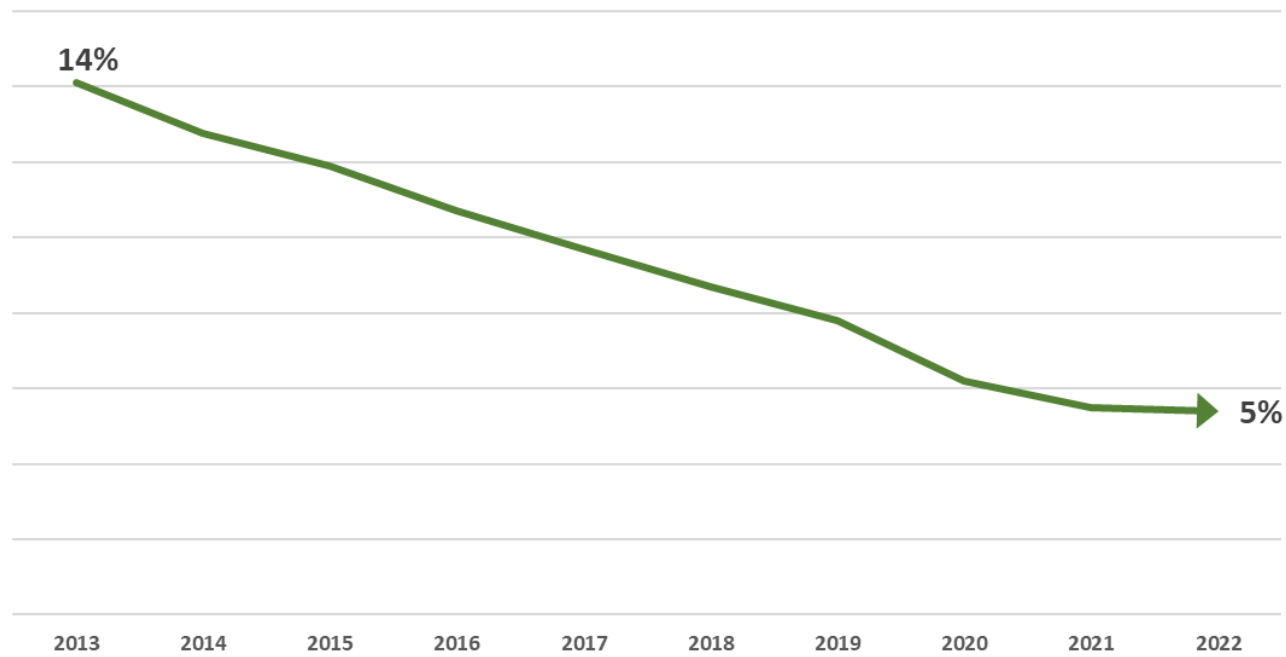
ÉVOLUTION DU NOMBRE D'ABONNÉS **tis-pl**  
Subscribers  
En milliers / in thousands





# Decrease in the cash payment

Cash payment



## RÉPARTITION DES TRANSACTIONS PAR MODE DE PAIEMENT

Breakdown of transactions by payment mode

%	<i>liber-t</i>	<i>tis-pl</i>	Espèces, chèques, devises Cash, cheques, currency	Cartes bancaires Credit cards	Cartes privées Private cards
2020	44,4%	12,9%	6,2%	33,2%	3,3%
2021	45,1%	12,1%	5,5%	34,4%	2,9%
2022	45,5%	11,6%	5,4%	34,7%	2,8%
	57,1%				



## OBU/ plate catch-up

- User's consent
- List of users sent from the EETS provider to the toll charger and updated on a regular basis
- Very useful when the OBU is not detected
- The toll collector verifies if the plate appears in the list sent by the EETS provider
- If the plate appears, the toll collector charges the user



# EETS Directive implementation in France

## → Legal Act implementing EETS Directive

LOI n° 2021-1308 du 8 octobre 2021 portant diverses dispositions d'adaptation au droit de l'Union européenne dans le domaine des transports, de l'environnement, de l'économie et des finances

LAW no. 2021-1308 of 8 October 2021 containing various provisions for adapting to European Union law in the fields of transport, the environment, the economy and finance

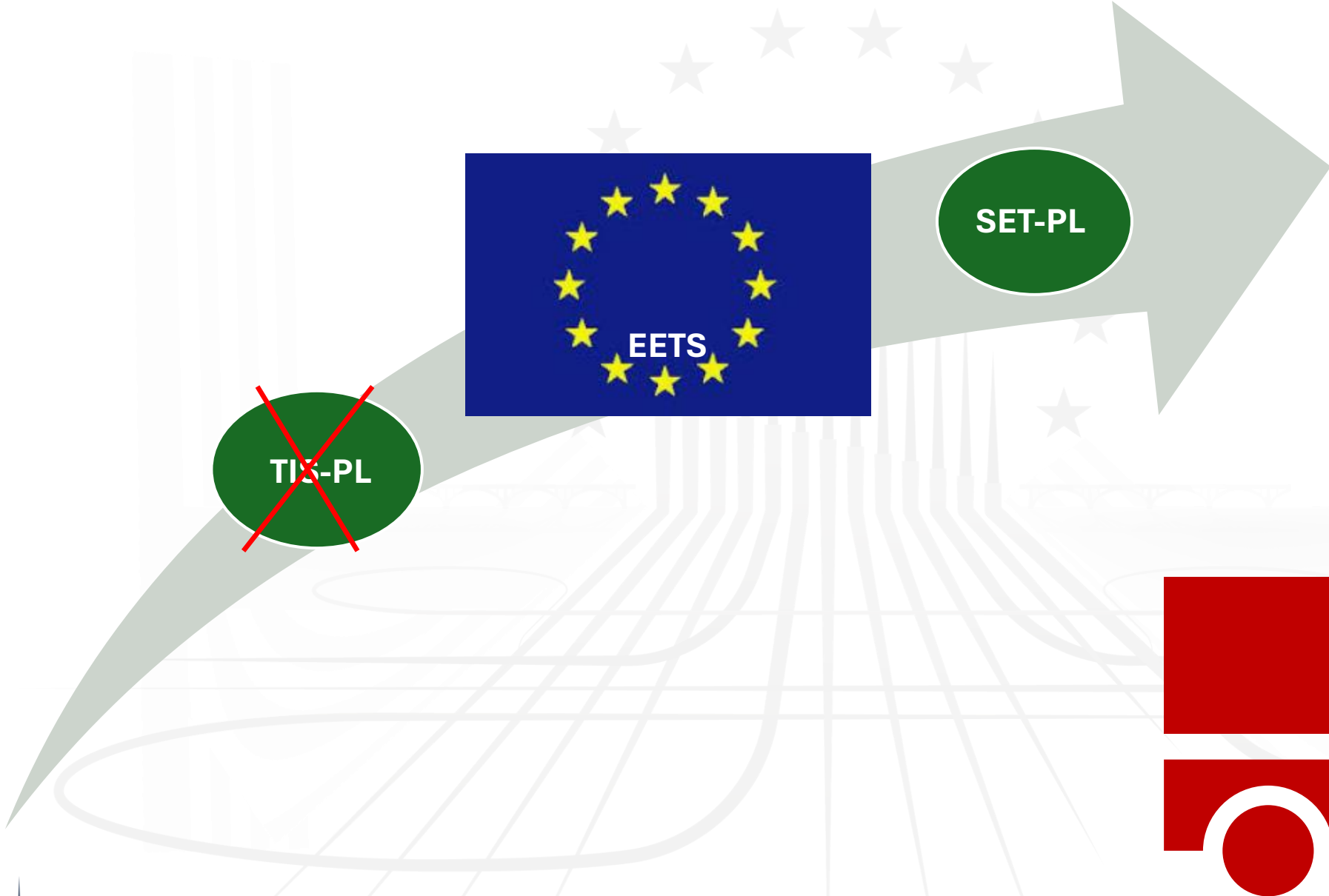
## → Three Regulatory Acts (décrets and arrêté) :

décret 2022-503 of 7/4/2022 on interoperability constituents of the European electronic toll service

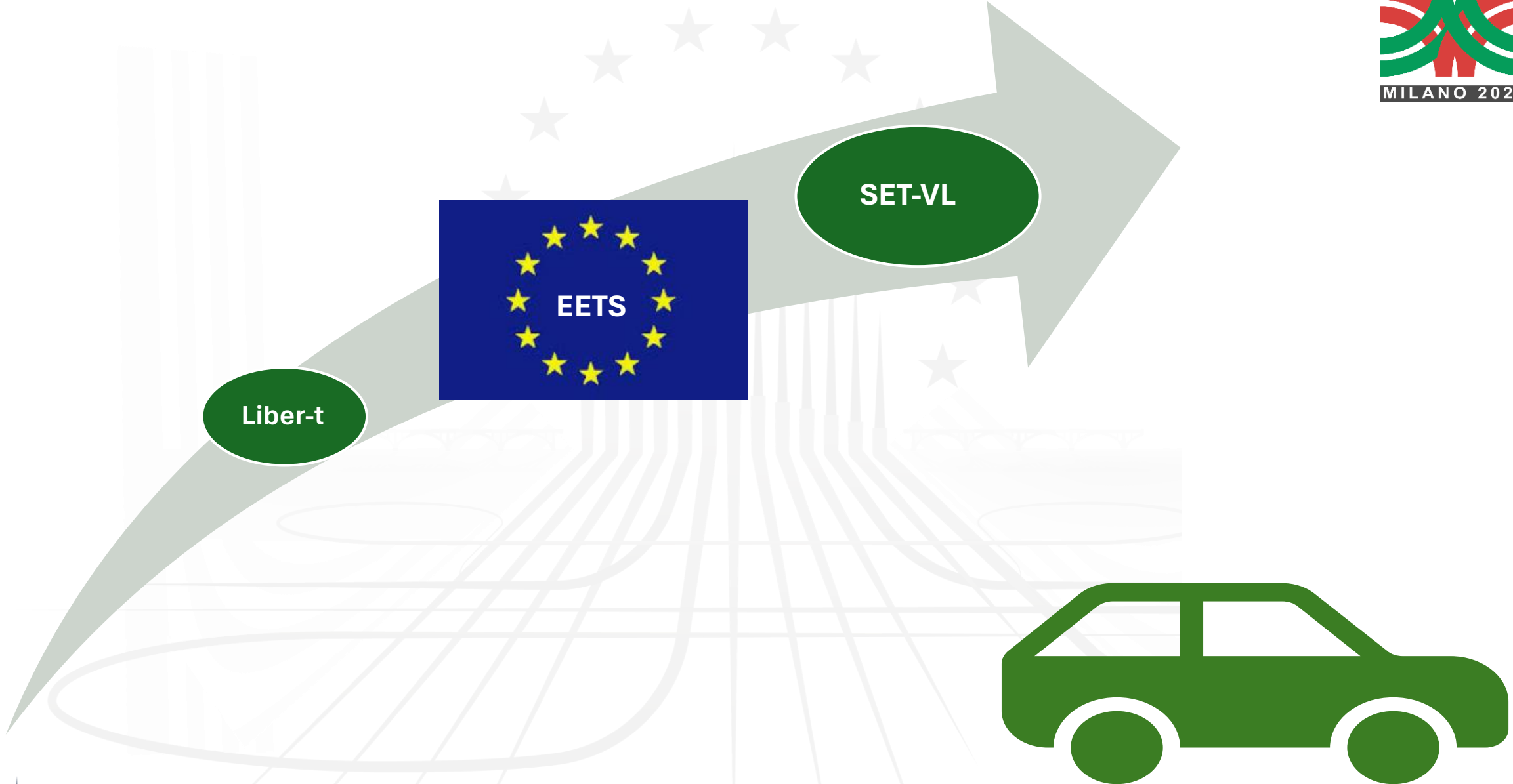
décret 2022-504 of 7/4/2022, on the rights and obligations of toll collectors, providers and users of the European electronic toll service

arrêté of 13/4/2022 concerning the designation of the single contact office within the meaning of Article D. 119-31 of the Highway Code





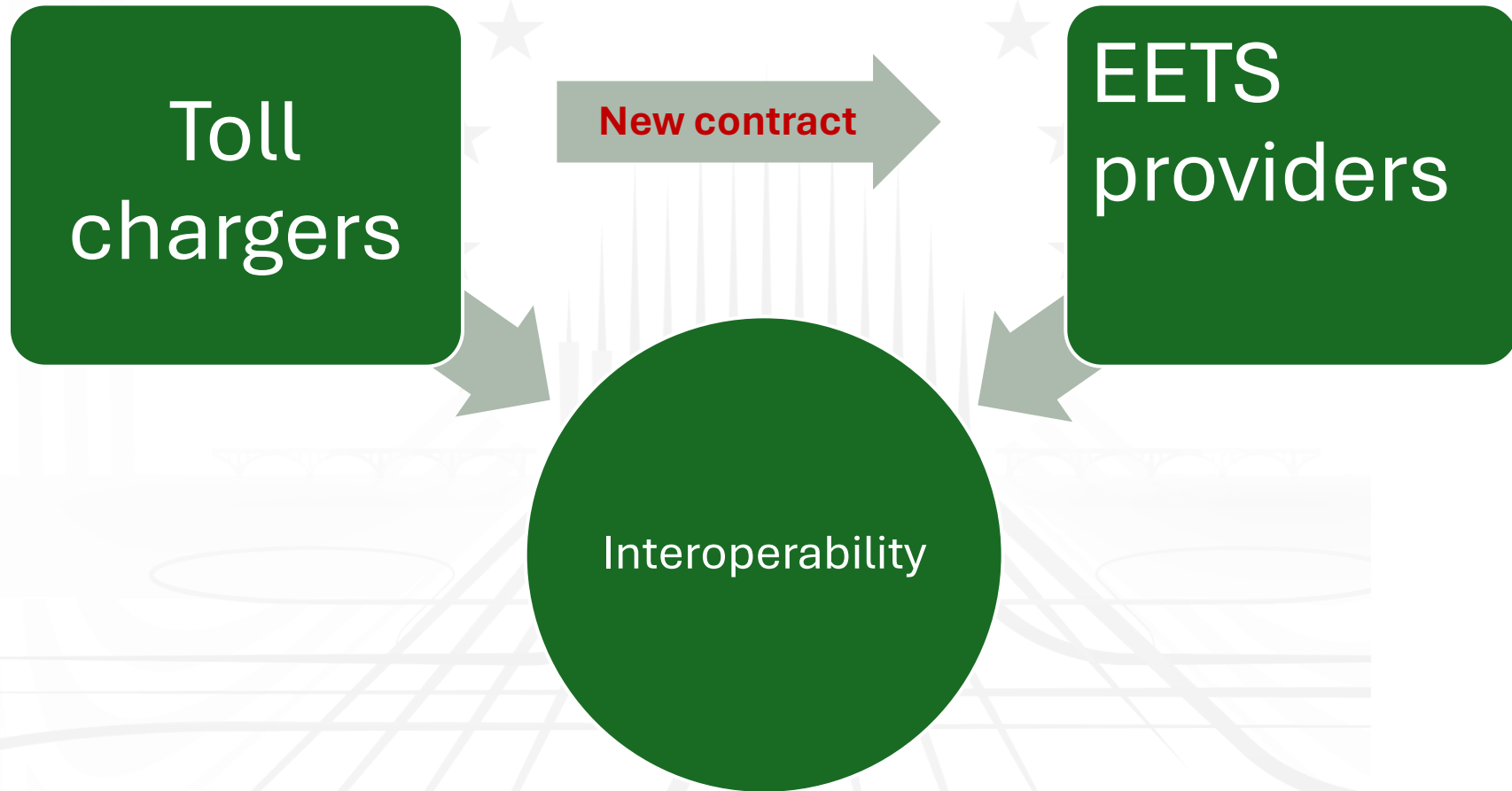




Liber-t

EETS

SET-VL





# nirio

*Vos services de paiement  
du groupe FDJ*





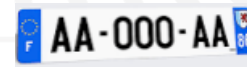


# Objectives of the project

- Implementation before the summer of 2024 of the local payment service provided by FDJ Services
- FJD has monopoly on lottery and sports betting games in France, under the supervision of the Budget Minister
- Payment of the toll or of the fine at any tobacconist's counter



# Payment process



22/11/2022	00002
1111111	
<b>nirio</b> Group FDJ	
Détail de l'opération	
Le 23/11/2022 à 10:30:45 (UTC+01:00)	
Point de contact :	123456
Référence de l'opération	
Véhicule :	AA-123-BB
Le 12/11 :	
Classe :	2
A13 SAPN :	12,00 EUR
A14 SAPN :	10,00 EUR
A15 APRR :	12,00 EUR
Le 18/11 :	
Classe :	3
A14 SAPN :	10,00 EUR
Montant Total TTC :	44,00 EUR
Attention : ce montant ne tient pas compte des pénalités en retard qui ont fait l'objet d'un avis de paiement envoyé à votre domicile.	

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**THANK  
YOU**

**GRAZIE**

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