ASECAP DAYS
MADRID 2025

52nd ASECAP DAYS

Challenges of Future Mobility | The Role of Road Infrastructure

Organized by ASECAP

Hosted by seopan
Asociación de Empresas Constructoras y Concesionarias de Infraestructuras

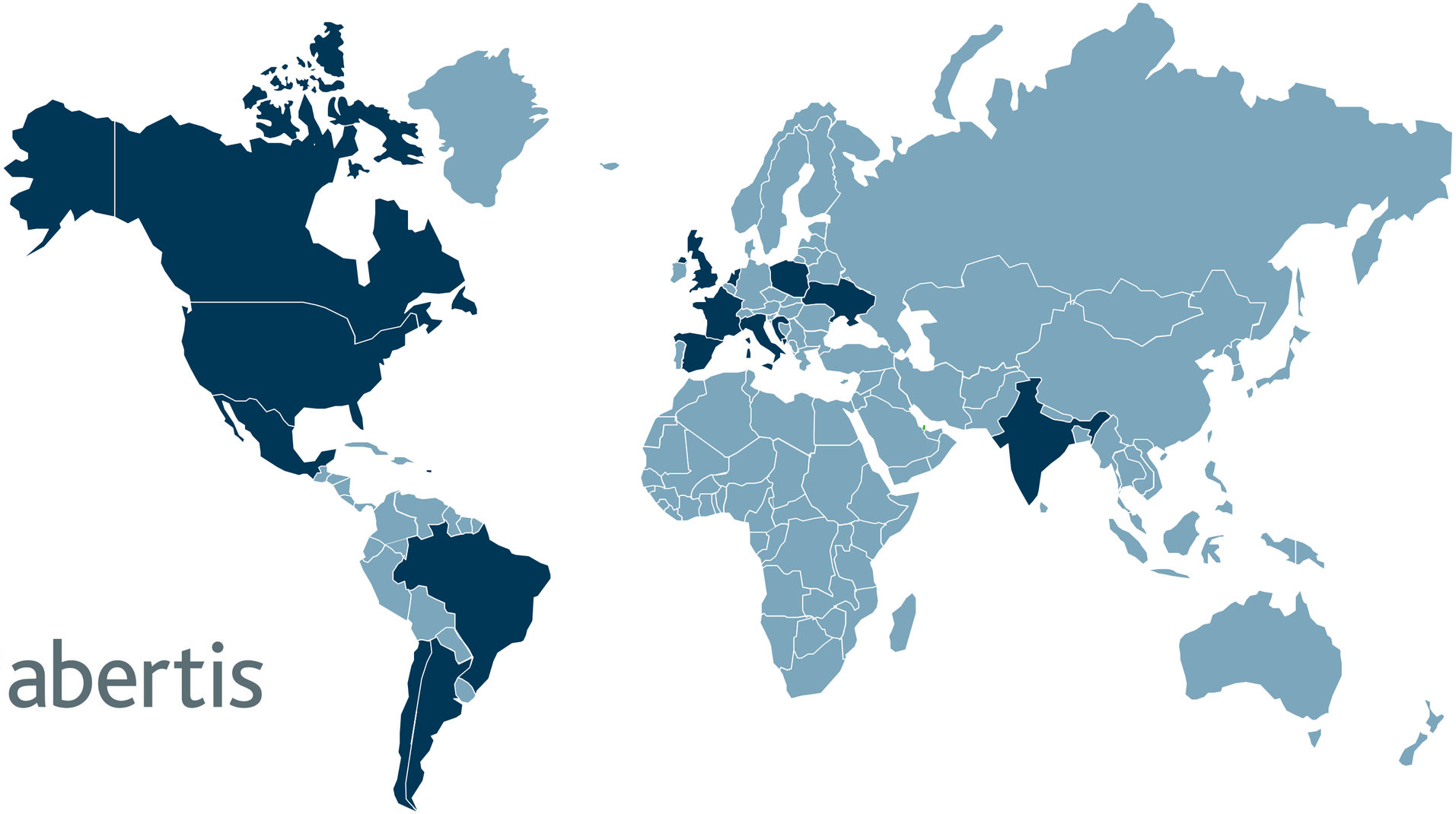
26 - 28 May 2025 | Madrid
www.asecapdays.com

V2 Digital Transformation and cooperative mobility on the A4 Brescia Verona Vicenza Padova motorway.

Matteo Gironi

A4 Holding – Abertis Group

Who are we?



abertis

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autopistas an Abertis company

sanef une société d'Abertis

A4holding an Abertis company

víaschile an Abertis company

arteris

RCO an Abertis company

red viacorta an Abertis company

autopistas del oeste

AUTOPISTAS DEL SOL

elizabeth river crossings an Abertis company

metropistas an Abertis company

isadak an Abertis company

abertis Mobility Services

emovis Abertis Mobility Services

Who are we?

236 km

MOTORWAYS UNDER MANAGEMENT THAT CROSS **5 PROVINCES**

PLUS 90 KM OF NON TOLLING ROADS

2

MOTORWAYS

A4 BRESCIA-PADOVA

A31 VALDASTICO

93.362

AVERAGE DAILY TRAFFIC (ADT)

A4 BRESCIA-PADOVA

>100M

Vehicles per year

70%

LV

30%

HV

17.948

AVERAGE DAILY TRAFFIC (ADT)

A31 VALDASTICO

>20M

Vehicles per year

76%

LV

24%

HV

A4holding

an Abertis company

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Timeline of our V2X development process.

2019

C-ROADS participation as Test Site along A4 between Soave and Montebello.
Yunex C-ITS server SaaS.

2024

I-COV TCC activation.
The in-house C-ITS server has been natively integrated into the main TCC software.

Today

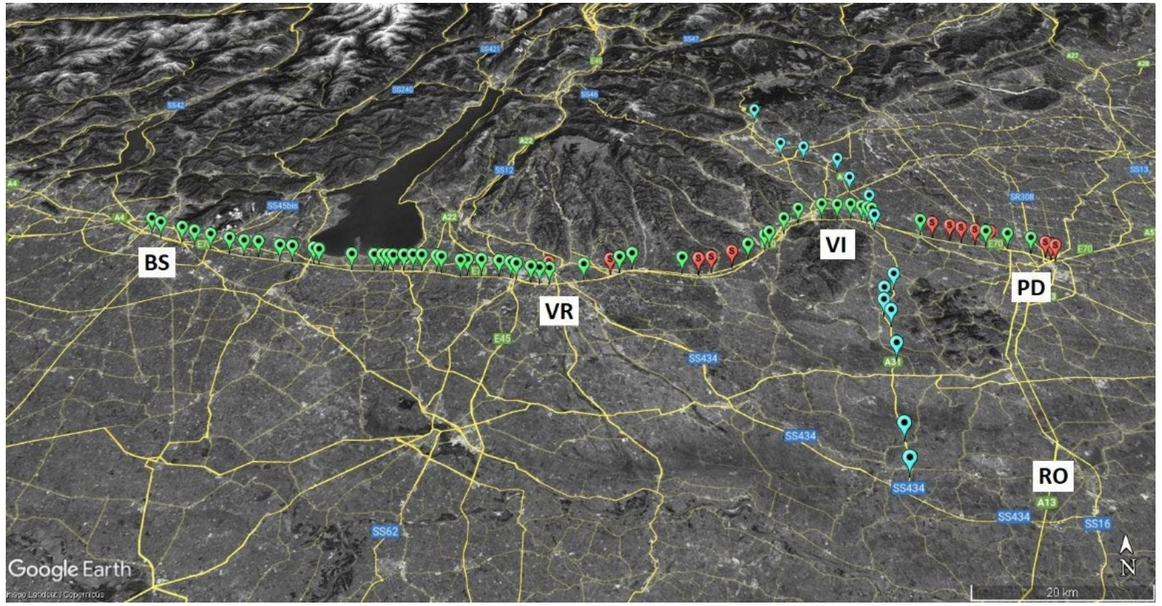
SCALE participation.

Volkswagen private accord.

Signature of the messages.

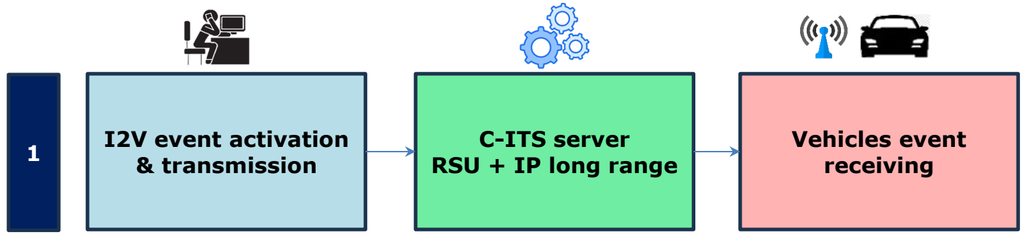
2026

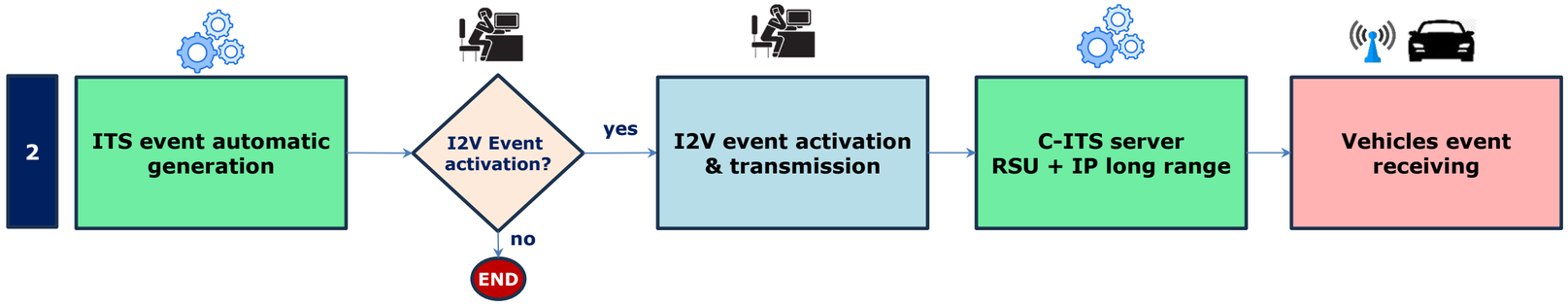
Bidirectional trusted communication I2V - V2I.

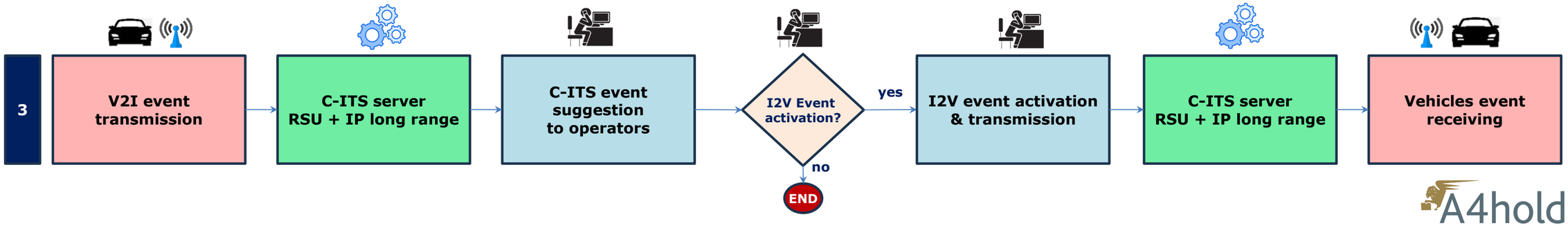


Traffic control center Smart Road events management.

1	Manual activation of a Smart-Road event.
2	Activation of a Smart-Road event from an ITS suggestion.
3	End-to-end: from a V2I suggestion to the approval of an I2V event.







Our cooperative mobility short term objectives.

SCALE Project

1. Extensions of the already supported Use Cases. Development of new Use Cases. Geographical extension of the overall DSRC coverage.

2. Keeping up to date the Use Cases specification and compatibility.

HLN - Traffic jam ahead warning	Service Extension
HLN – Accident Zone	New
HLN – Weather Condition Warning	Service Extension
HLN – Temporarily slippery road	New
HLN – Animal or Person on the road	New
HLN – Obstacle on the road	New
RWW – Lane Closure	Service Extension
RWW – Road Closure	Service Extension
In Vehicle Signage – Traffic Signs	Service Extension
PVD – Vehicle Data Collection	Service Extension

VW vehicles fleet interoperability

3. Achieving a bilateral trusted communication with the WV fleet.

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Thank You

Contact Us

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