



FINAL EVENT INDID

Les 11 et 12 juin 2024 / UPHF Valenciennes



Co-financed by the Connecting Europe
Facility of the European Union

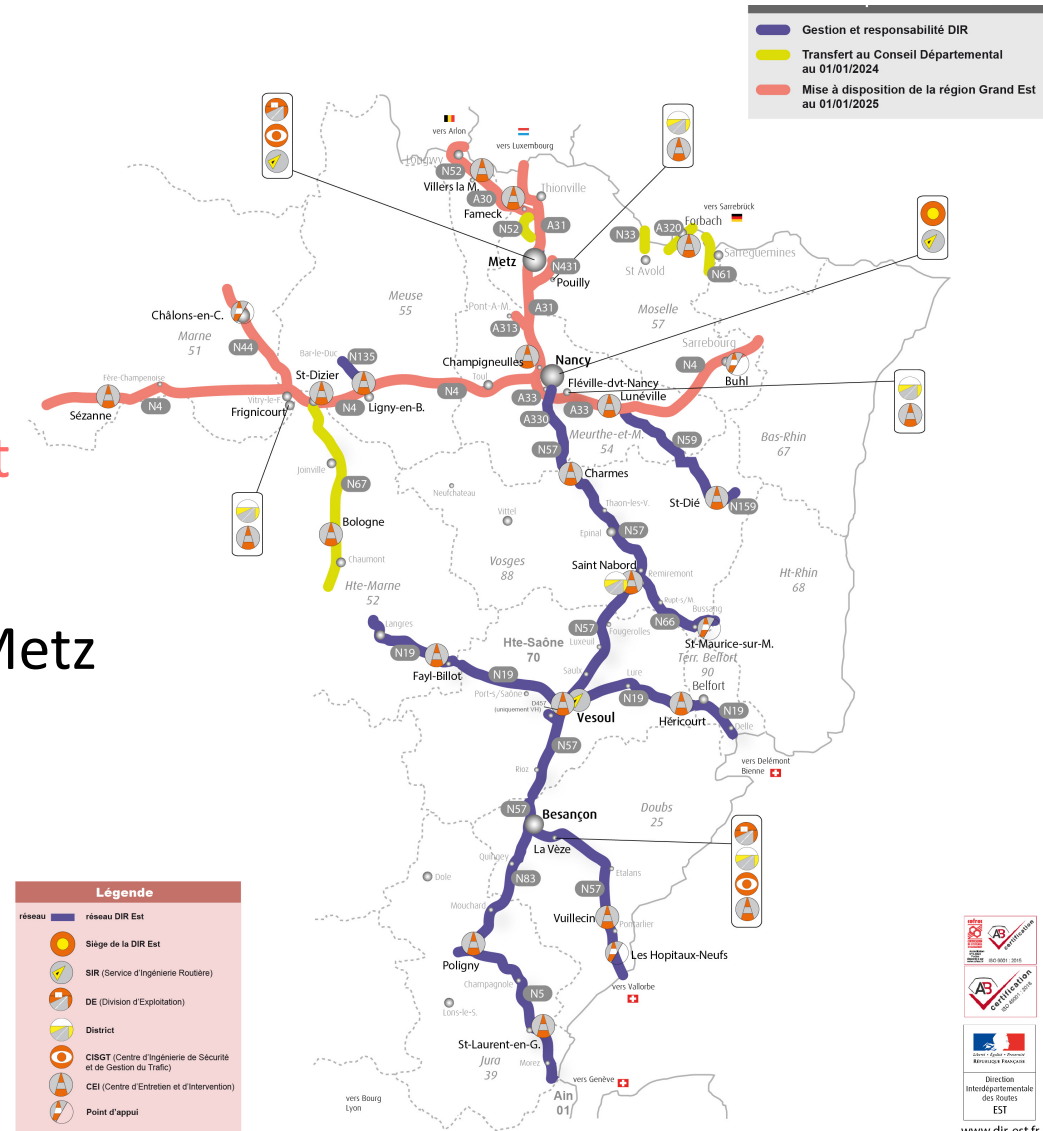
*The contents of this publication are the sole responsibility of InDiD Consortium
and do not necessarily reflect the opinion of the European Union.*

DIR Est / Site Nord

Andy FLORIMOND

La DIR Est

- 1211km de routes en gestion
 - 678km en gestion état
 - 533km MAD région Grand Est
- + de 110 000* veh/h au nord de Metz
- + de 20 000* évènements / an
- 7* accidents / jour
- * chiffres 2023



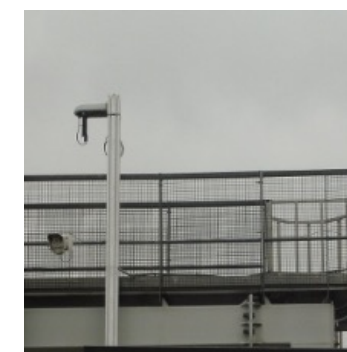
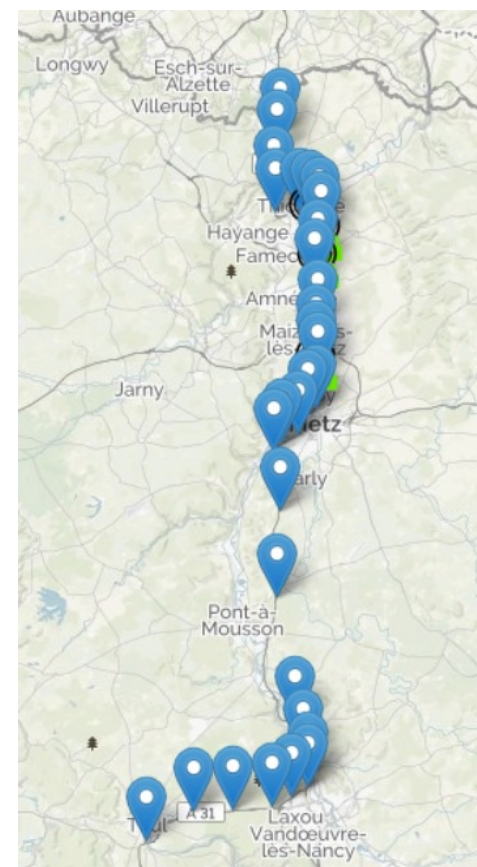
Cas d'usages développés

Use Cases	Road DIRE
A – Probe Vehicle Data (PVD)	
A1 – Traffic data collection	X
A2 – PVD on detected events	X
A3 – PVD on declared events	X
B – Road Works Warning (RWW)	
B1a - Alert neutralization of part of a lane, whole lane or several lanes	X
B1b – Alert planned closure of a road or a carriageway (RWWenhanced)	X
B1c – Alert planned road works – mobile	X
B2a - RO's intervention - Alert operator vehicle approaching	X
B2b - RO's intervention - Alert operator vehicle in intervention	X
B2c - RO's intervention - Alert operator vehicle in patrol	X
B2d - RO's intervention - Alert end of queue by a road operator vehicle	X
B3a&b&c – Winter maintenance	X
C – <u>Signage Applications</u>	
C2 – In-vehicle dynamic speed limit information (IVI)	
C3 – In-vehicle signage (Embedded VMS - PMV <u>embarqué</u>)	X

Use Cases	Road DIRE
D – <u>Hazardous Location Notifications (HLN)</u>	
D1 – <u>Temporary slippery road</u>	X
D2a&b – Animal or people on the road	X
D3 – Obstacle on the road	X
D4 – Alert stationary vehicle / breakdown	X
D5 – <u>Alert accident area</u>	X
D6 – <u>Alert reduced visibility</u>	X
D7 – Alert wrong way driving (WWD - Contre-sens)	X
D8 – Unmanaged blockage of a road	X
D10 – <u>Alert emergency brake</u>	X
D11 – Alert end of queue - V2V – I2V	X
E6 – Alert extreme weather conditions	X
F – Parking, Park and Ride, Multimodality	
F1 – Information on parking lots location, availability and services	
G – Intersection (SI)	
G1 – GLOSA (Green Light Optimal Speed Advisory)	
H – Traffic management	
H4 – Dynamic lane management – reserved lane (I2V)	X



Intelligent Transport

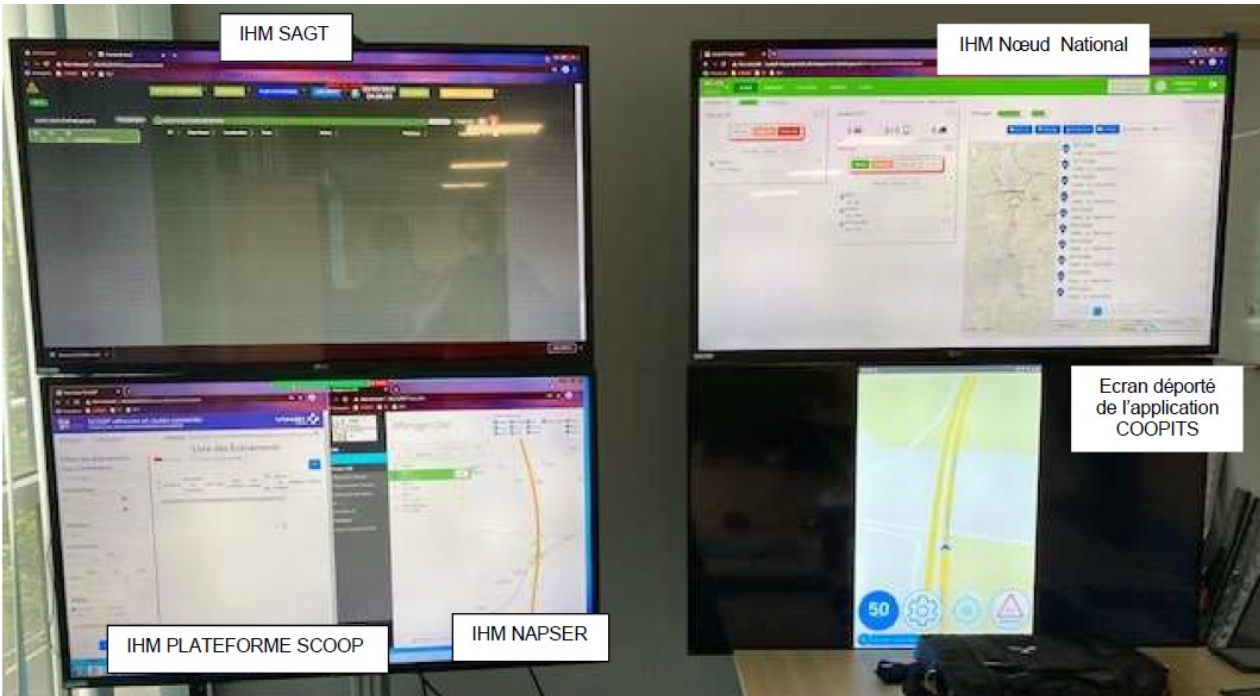


Tests et mise en production

Site de test et démonstration

Mise en production

- depuis le 19/01/2023
- travaux, animal / personne sur la voie, obstacle, queue de bouchon



Réussites et difficultés rencontrées

Réussites

- Engagements du Grant Agreement (A31 connectée, cas d'usages développés)
- Déploiement d'un site de test et démonstration
- Évènements diffusés sur COOPITS à destination du grand public

Difficultés

- COOPITS ne couvre pas la totalité du réseau DIR Est
- Fiabilisation et sécurisation des flux de données
- Faible taux de pénétration des véhicules connectés

Perspectives



- Mettre en production les 36 UBR (2nde semestre 2024)
- Fiabiliser les échanges informatiques
- Étoffer le catalogue des cas d'usage diffusables
- Instaurer une culture C-ITS au sein de la DIR Est