



Towards C-ITS deployment – blockages and opportunities

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Questions

- **Operational blockage**
- **Technological blockage**
- **Economical blockage**
- **Regulatory opportunity**
- **Services opportunity**



Towards C-ITS deployment – SCALE project

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SCALE project objectives

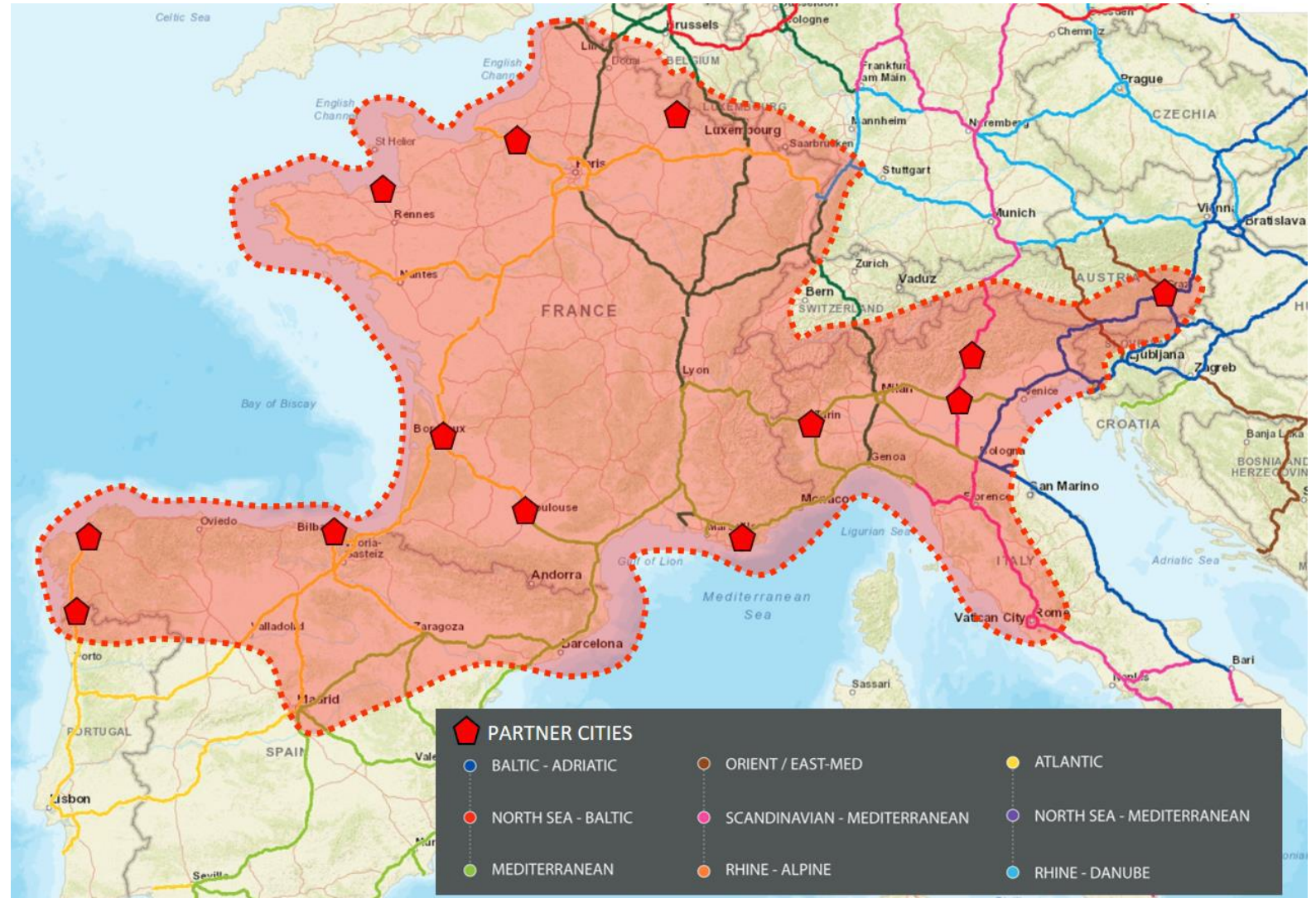
- **Answer the last challenges that block C-ITS industrialisation of C-ITS in France and Europe, then contribute to operations at a large scale to ensure european leadership :**
- **Technological challenge** : different types of technologies, and architectures, both complementary and competitive don't help investments. SCALE aims at resolving this issue by evaluating this problem for each use case
- **Operational challenge** : continue the work on preparing operations, conformity and robustness by creating conformity sites or centers
- **Socio-economical challenge**: with car manufacturers, local authorities, and Ministries, SCALE aims at building discussions between stakeholders to find economical models to have an equilibrium (and a benefit) between them all

How ?

- **Working on industrialization capacities, scaling up, and operations on a practical side along 10 pilot sites (6 in France) :**
 - Ensuring large scale operations and fast of mature use cases already developed, validated and evaluated with success. The objective being to provide a complete set of mature C-ITS services for actual operations, using national and european evaluation and conformity sites.
 - Preparing, deploying and evaluating new use cases around new technologies and/or new topics of interest. The objective being to create new opportunities to ensure economic credibility and sustainability of C-ITS
 - Training and raising awareness across stakeholders, local authorities, politics and road operators

SCALE pilot sites

1. South –East France
2. South-West France
3. North-Est France
4. North-West France
5. Paris – France
6. Center-East France
7. Urban Areas – Italy
8. Motorways – Italy
9. Spain
10. Graz – Austria



Pilot sites in France

