

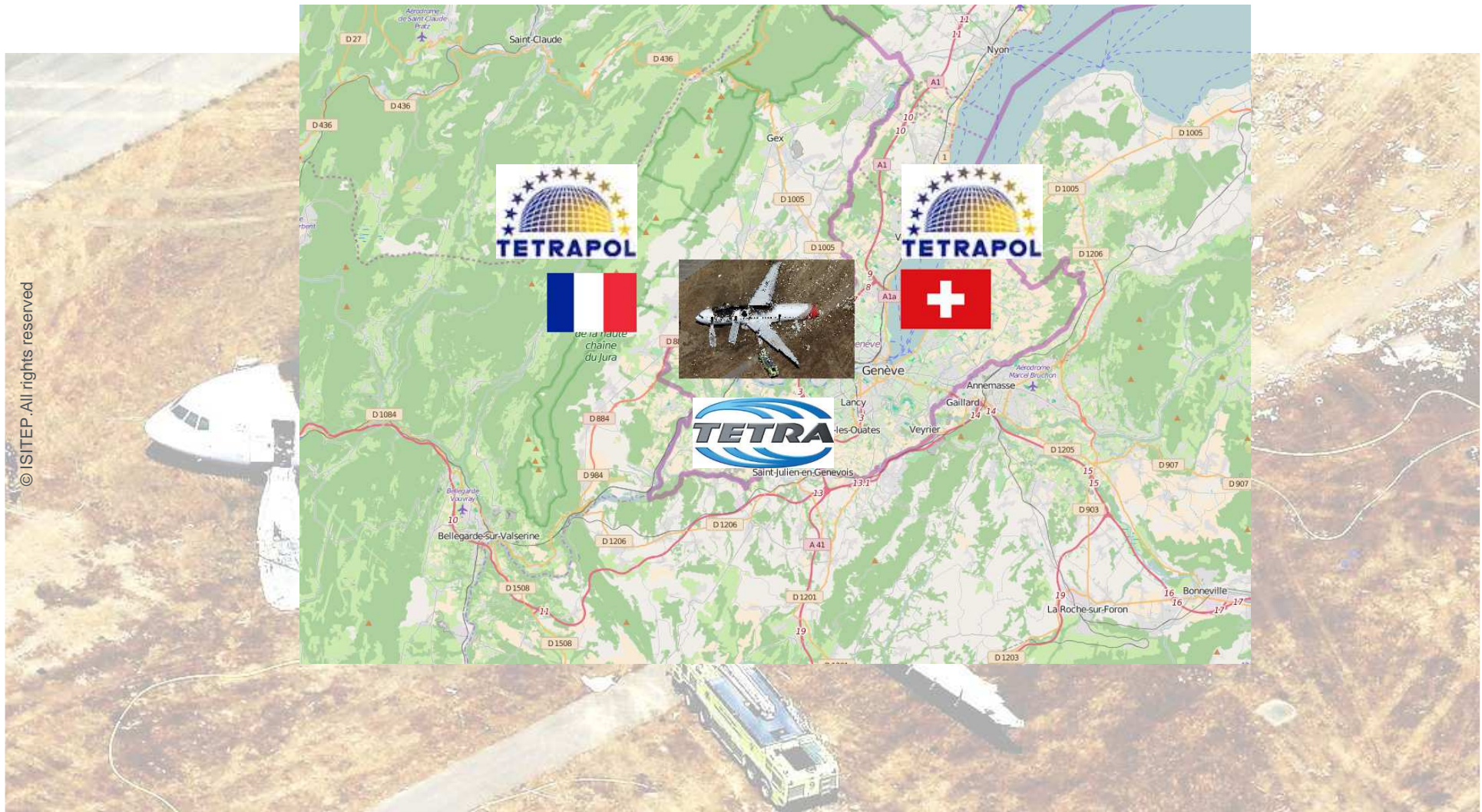


PPDR communications interoperability on large scale disaster event demonstration

Geneva, June 2016



Interoperability to solve jointly large scale disasters



The Lisbon Treaty

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Quizzes on the E

Why not quiz you
European t

Integration / Institutions /
Decision-Making / Policy Areas
EU Quizzes

Treaties

- Treaty of Nice - TEC TEU
- Treaty of Amsterdam - TEC TEU
- Treaty of Maastricht - TEU
- Single European Act

Article 222

European Council Recommendation on improving radio communications between operational units in cross-border areas (ST-10141):

“Effective cross-border cooperation requires adequate communication capabilities including interoperable radio communication systems in border areas and between operational services from different Member States”

States shall assist it at the request of its political authorities. To that end, the Member States shall coordinate between themselves in the Council.

3. The arrangements for the implementation by the Union of the solidarity clause shall be defined by a decision adopted by the Council acting on a joint proposal by the Commission and the High Representative of the Union for Foreign Affairs and Security Policy. The Council shall act in accordance with Article 31(1) of the Treaty on European Union where this decision has defence implications. The European Parliament shall be informed.

For the purposes of this paragraph and without prejudice to Article 240, the Council shall be assisted by the Political and Security Committee with the support of the structures developed in the context of the common security and defence policy and by the Committee referred to in Article 71; the two committees shall, if necessary, submit joint opinions.

4. The European Council shall regularly assess the threats facing the Union in order to enable the Union and its Member States to take effective action.



- Increasing of international crimes (drugs, human trafficking, smuggling, ...) and terrorist attacks.
- Increasing of the need of cooperation in case of disasters (aircraft crashes, chemical alert, bomb attacks,...) and natural calamities (flooding, ...) for injured care and transportation, firefighting and general support for civil protection.

COOPERATION → INTEROPERABILITY



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Interoperability layers

Multilateral Agreements

National Legal Framework

Procedure Interoperability

Service Interoperability

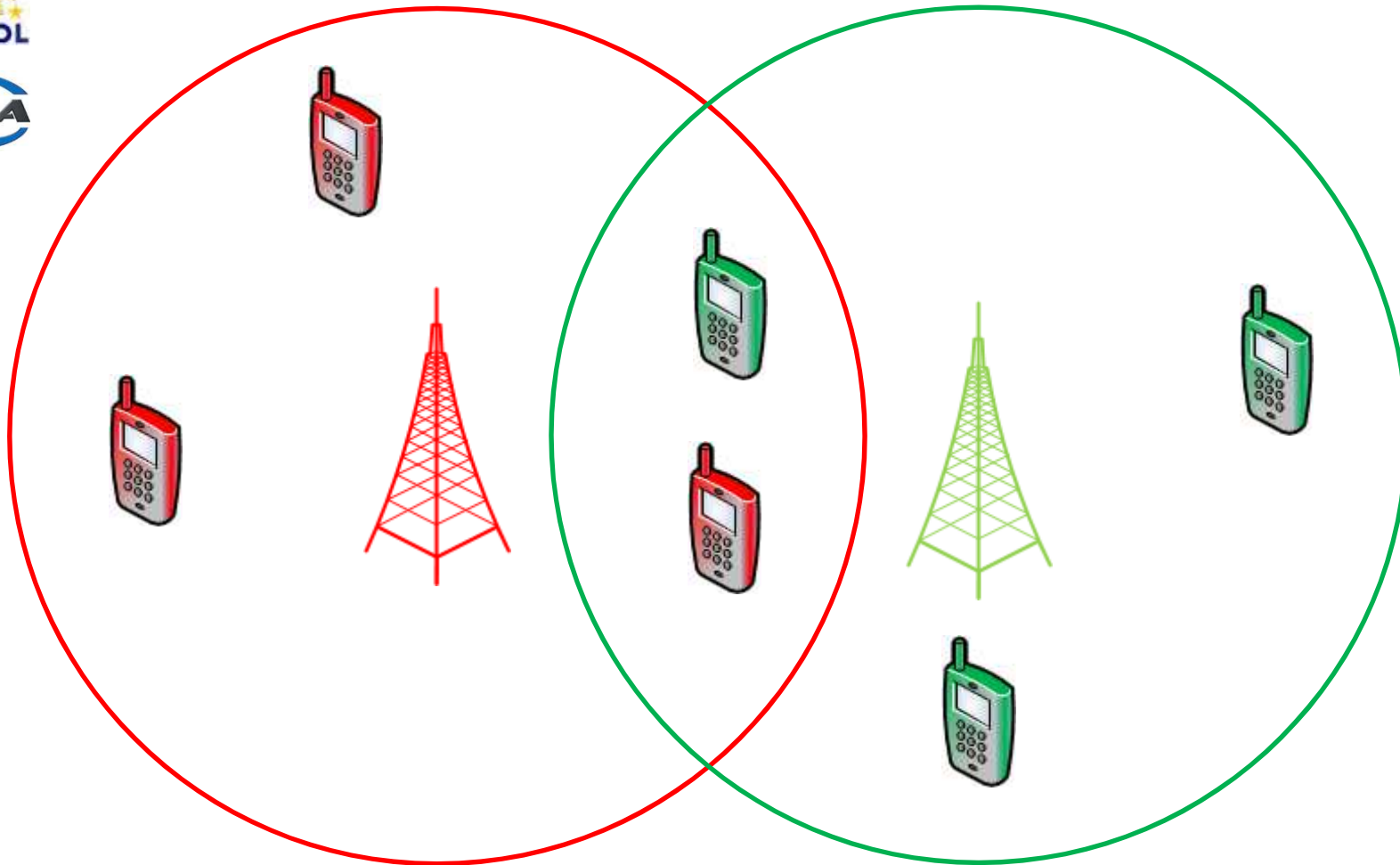
Communication
Interoperability

Legal
aspects

Technical
aspects



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Fixed or deployable infrastructures

**TETRAPOL-TETRAPOL
simulated roaming**

**TETRA-TETRAPOL mobile
gateway**

Interoperability supporting tools :

- **Infrastructure dimensioning tool**
- **Terminal training tool**
- **Operational training tool**

Enhanced terminal

ISITEP demonstrator evaluation questionnaire

A. YOUR PROFILE:

Name (optional):

Last name (optional):

E-mail (optional):

Agency:

1. Operational role (Tick one of the boxes below; precise if 'Other')		
Law enforcement	<input type="checkbox"/>	
Fire&Rescue	<input type="checkbox"/>	
Civil Protection	<input type="checkbox"/>	
Military	<input type="checkbox"/>	
Other	<input type="checkbox"/>	Precise Other:

2. Type of wireless communication system used (Insert multiple choices if needed)		
TETRA	<input type="checkbox"/>	
TETRAPOL	<input type="checkbox"/>	
Wi-Fi	<input type="checkbox"/>	
Analog Professional Mobile Radio	<input type="checkbox"/>	
GSM	<input type="checkbox"/>	
Other	<input type="checkbox"/>	Precise Other:

3. During field operation do you need to interoperate with other organizations (Insert multiple choices if needed)		
Police/Law enforcement	<input type="checkbox"/>	
Fire Services	<input type="checkbox"/>	

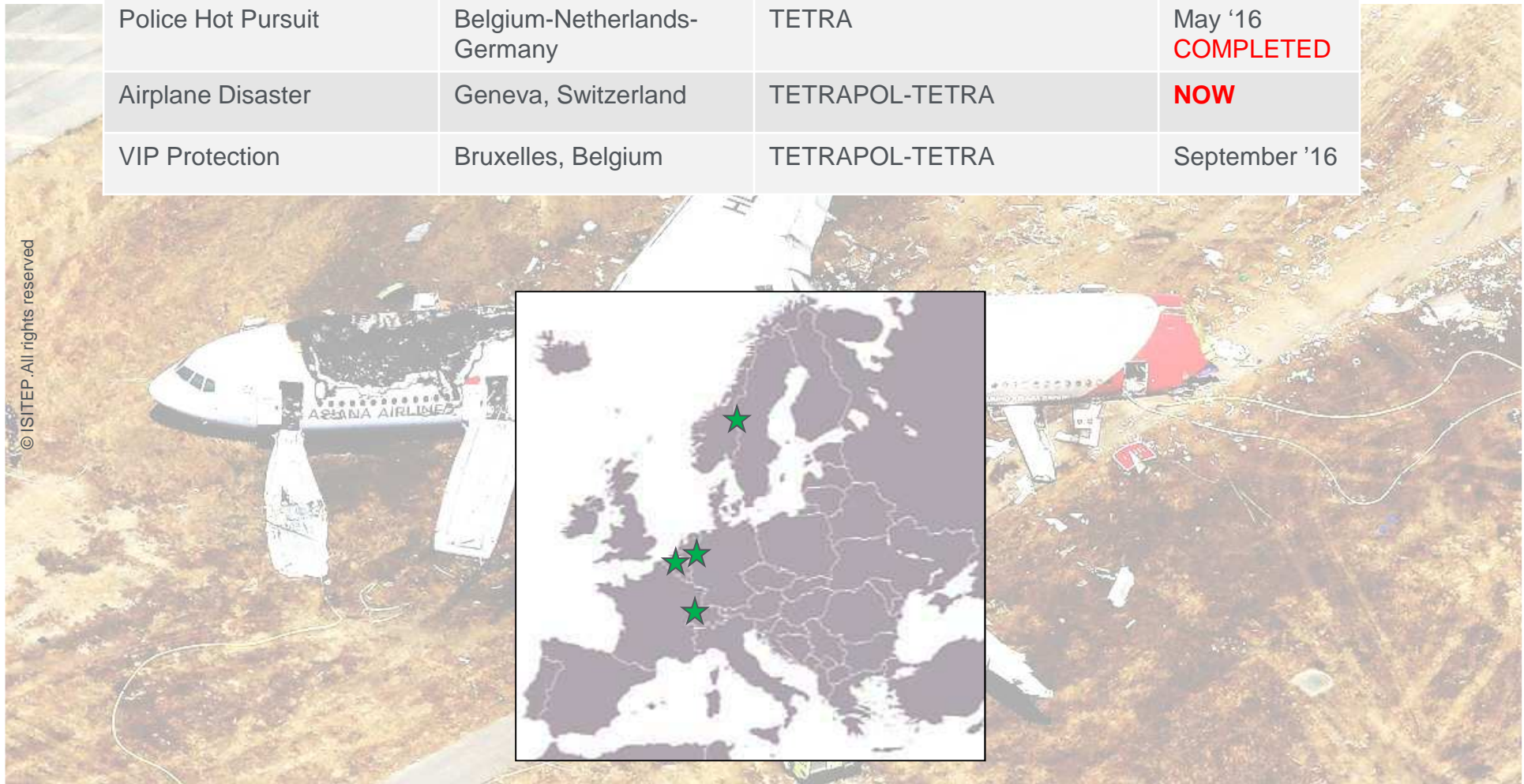
C. TETRAPOL-TETRAPOL GATEWAY AND ROAMING EVALUATION:

10. What is your feedback on the TETRAPOL-TETRAPOL demonstration? (Tick one of the boxes on each line)						
	Completely agree	Agree	Neutral	Disagree	Completely disagree	No opinion
I understand the innovation of the technology presented.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The problem the technology deals with is a real problem.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This new solution can help my entity to achieve its goals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I understand the required operational procedure agreement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The required agreement on procedure can realistically be reached.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The benefits of this system are clear to me.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thanks to this system, communications are not hindered by crossing borders.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thanks to this system communication between entities are easier.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
This solution encompasses all the services I need during cross border joint operations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Free room for your comments: why this solution can help you to achieve your goals? , what can be improved? , ...

Other demonstrations in ISITEP

Demonstration	Place	Technology	Schedule
Multi Agency Collaboration	Norway-Sweden	TETRA	November '16
Police Hot Pursuit	Belgium-Netherlands-Germany	TETRA	May '16 COMPLETED
Airplane Disaster	Geneva, Switzerland	TETRAPOL-TETRA	NOW
VIP Protection	Bruxelles, Belgium	TETRAPOL-TETRA	September '16



- Dissemination to general public on major social media:

- Twitter: <https://twitter.com/isitep>
- Facebook: <https://www.facebook.com/ISITEP>
- LinkedIn: <https://www.linkedin.com/grp/home?gid=5183355>

- ISITEP website: www.isitep.eu

