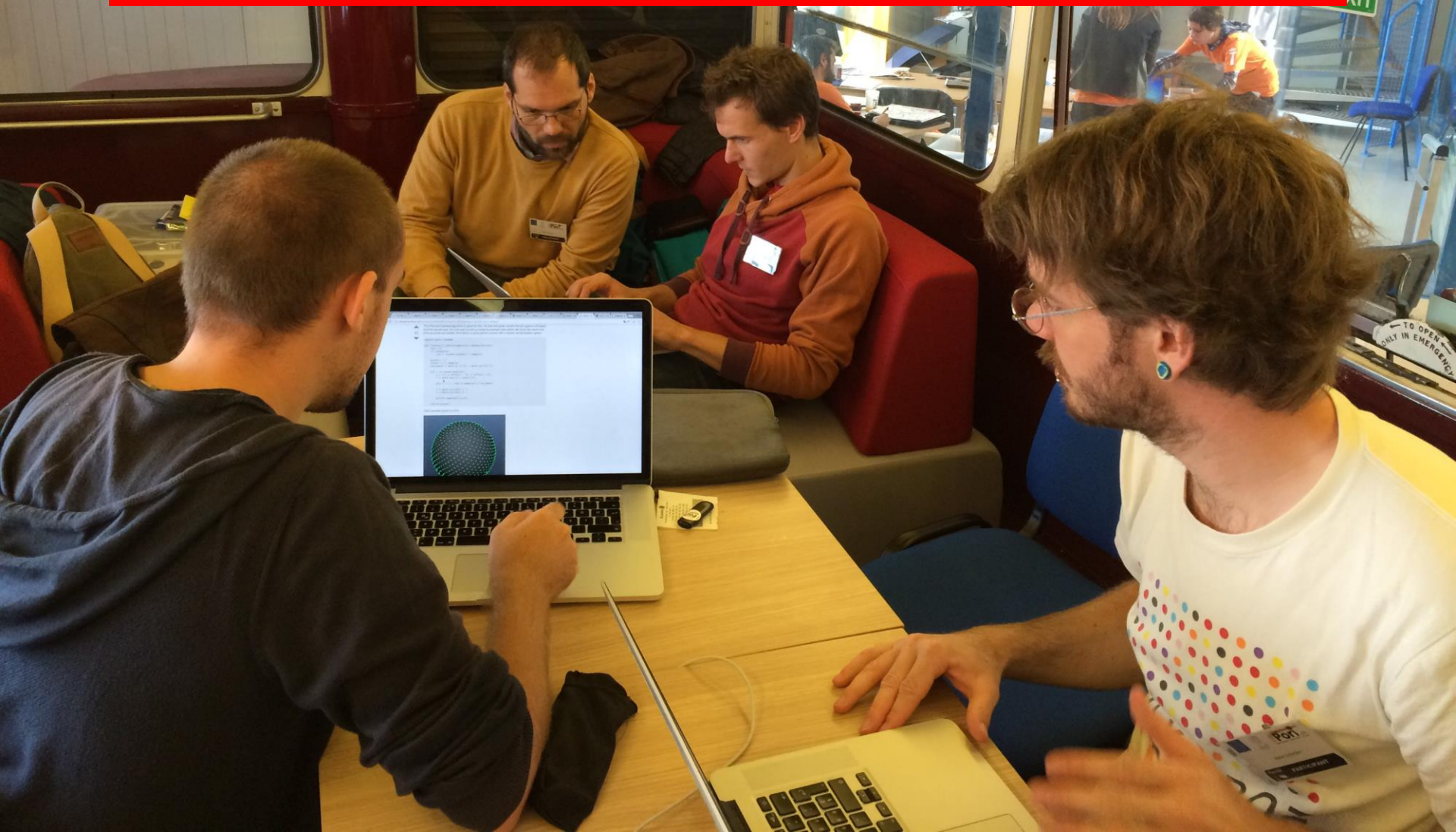Pier X4: e3e Monitor
/ Real-time Explosion Monitor

EXPLOSIONS IN POPULATED AREAS /
Open Science Empowering Effective Response

e3e Monitor will provide
OBJECTIVE DATA of *EXPLOSIONS*
on your browser in near *REAL-TIME*
for civilians' and humanitarian aide workers'
SAFETY and *EFFECTIVE RESPONSE*

1,236 Attacks
in populated area

Civilians: 92%
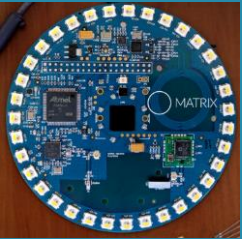of total
deaths/injuries

e3e

Final Goal

With a view to the long term,
e3e Monitor technology and networks should become
part of
the **ESSENTIAL INFRASTRUCTURE**
of any urban environment.

Tasks

Multi Sensor Device

- Modular
- Cheap
- Flexible chassis

Detection

- Sound profile
- Time
- Position
- Multi devices

Data transfer & analysis

- WiFi, GSM,...
- Matching with reference data

End users

- Interactive map
- Layered structure
- Access certification

Current status / Facing problems

- Reconstruction – sound profile analysis

- GPS & Time synchronization

- Visualization – Elastic search / Kibana on Open street map