



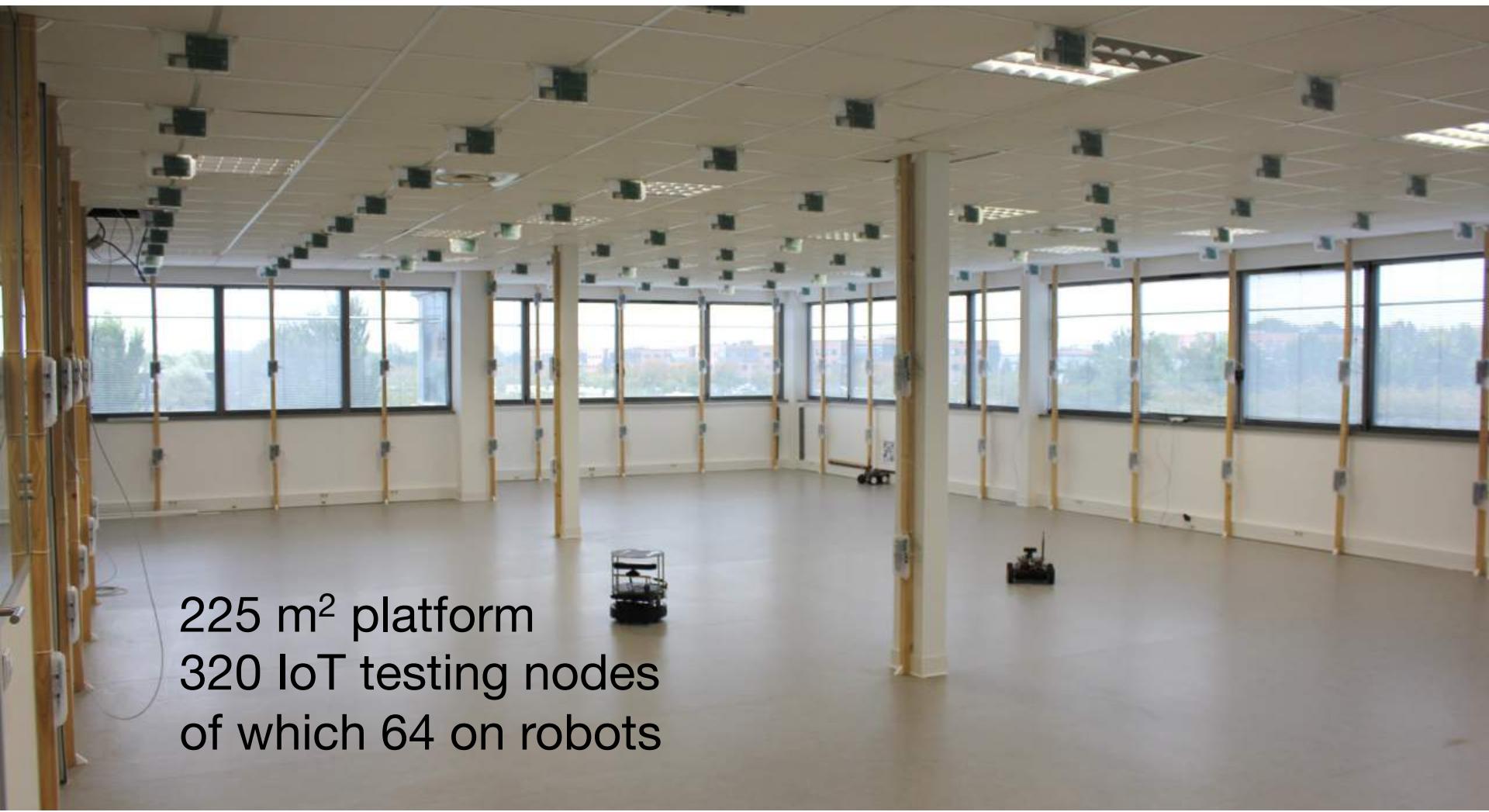
EQUIPEX

OneLab and FIT Equipex

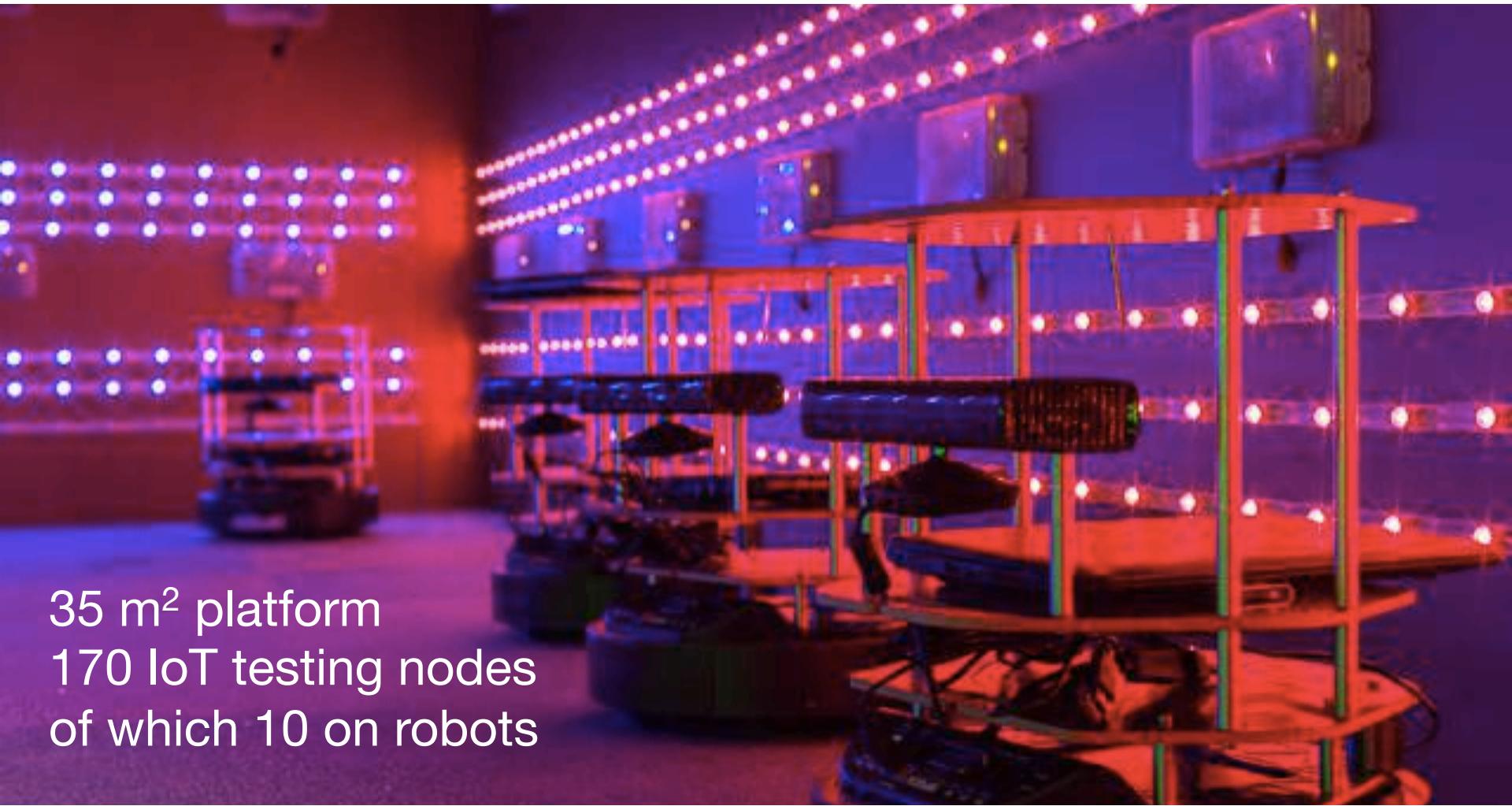
Timur Friedman
Executive Director of OneLab

FIT IoT-LAB workshop
14 October 2015, Lille

FIT IoT-LAB testbed in Lille



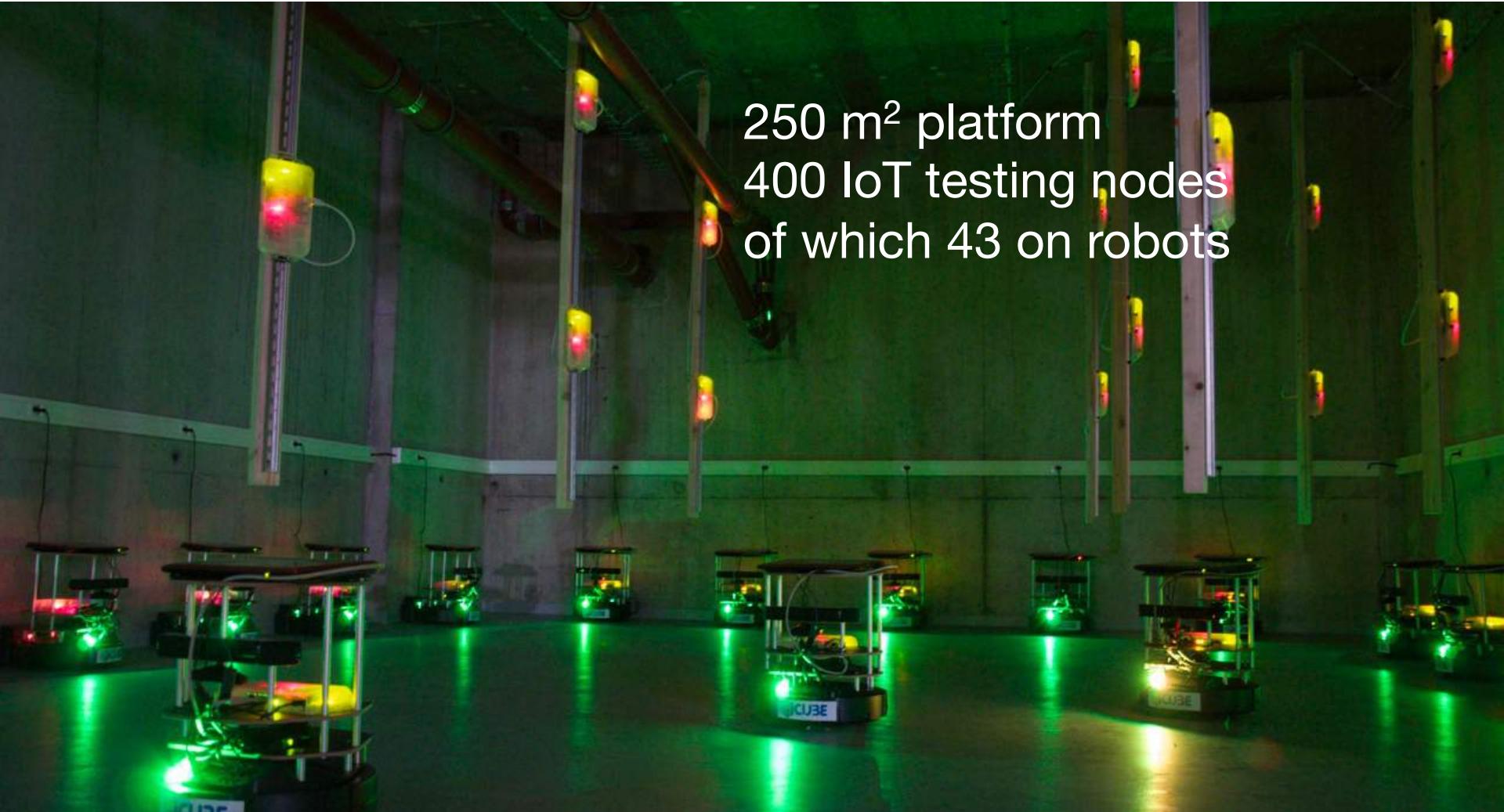
FIT IoT-LAB testbed in Paris



35 m² platform

170 IoT testing nodes
of which 10 on robots

FIT IoT-LAB testbed in Strasbourg



250 m² platform
400 IoT testing nodes
of which 43 on robots

Six FIT IoT-LAB testbeds across France

Rocquencourt
344 static nodes

Lille
256 static and
64 mobile nodes

Rennes
256 static nodes

Strasbourg
357 static and
43 mobile nodes

Paris
160 static and
10 mobile nodes

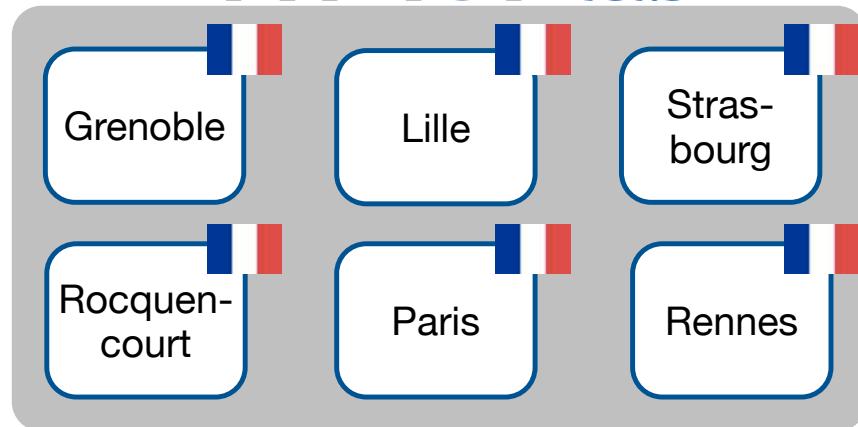
Grenoble
928 static and
6 mobile nodes

FIT Equipex: French infrastructure

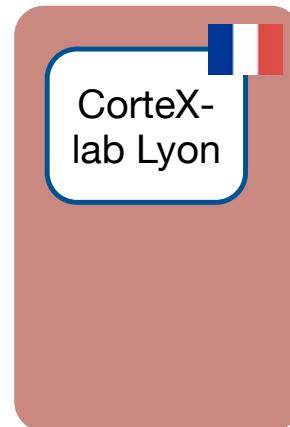
NOC



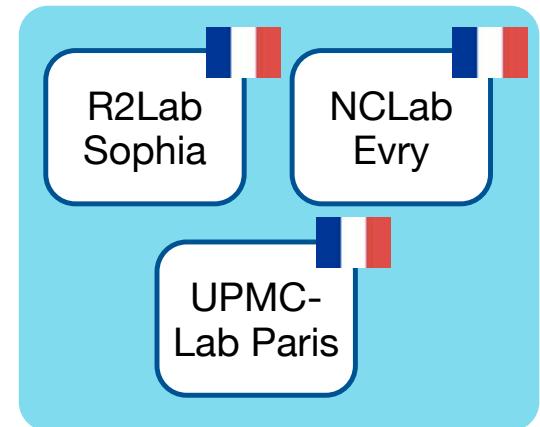
FIT IoT-lab



FIT CorteX_{lab}

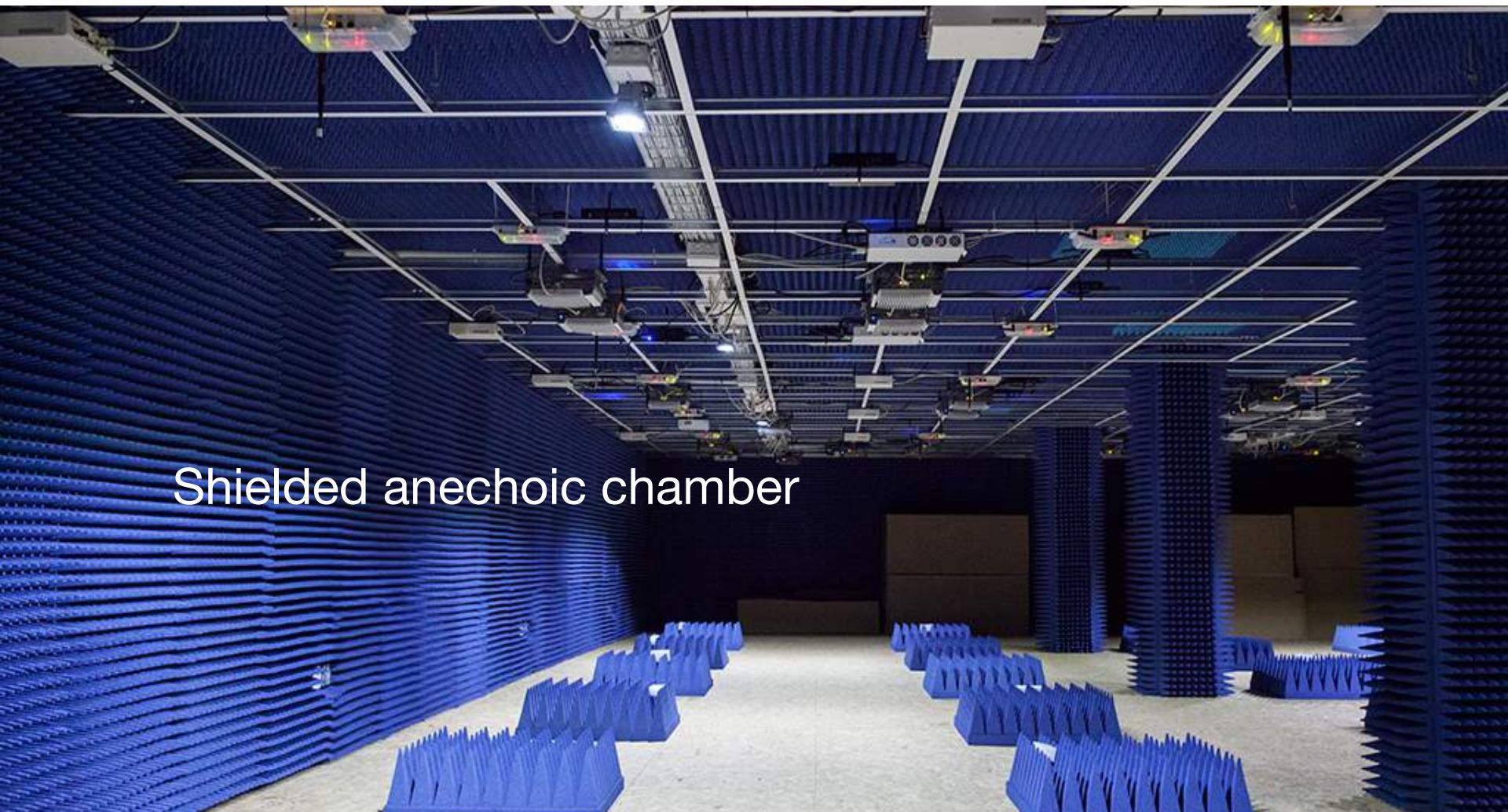


FIT Wireless

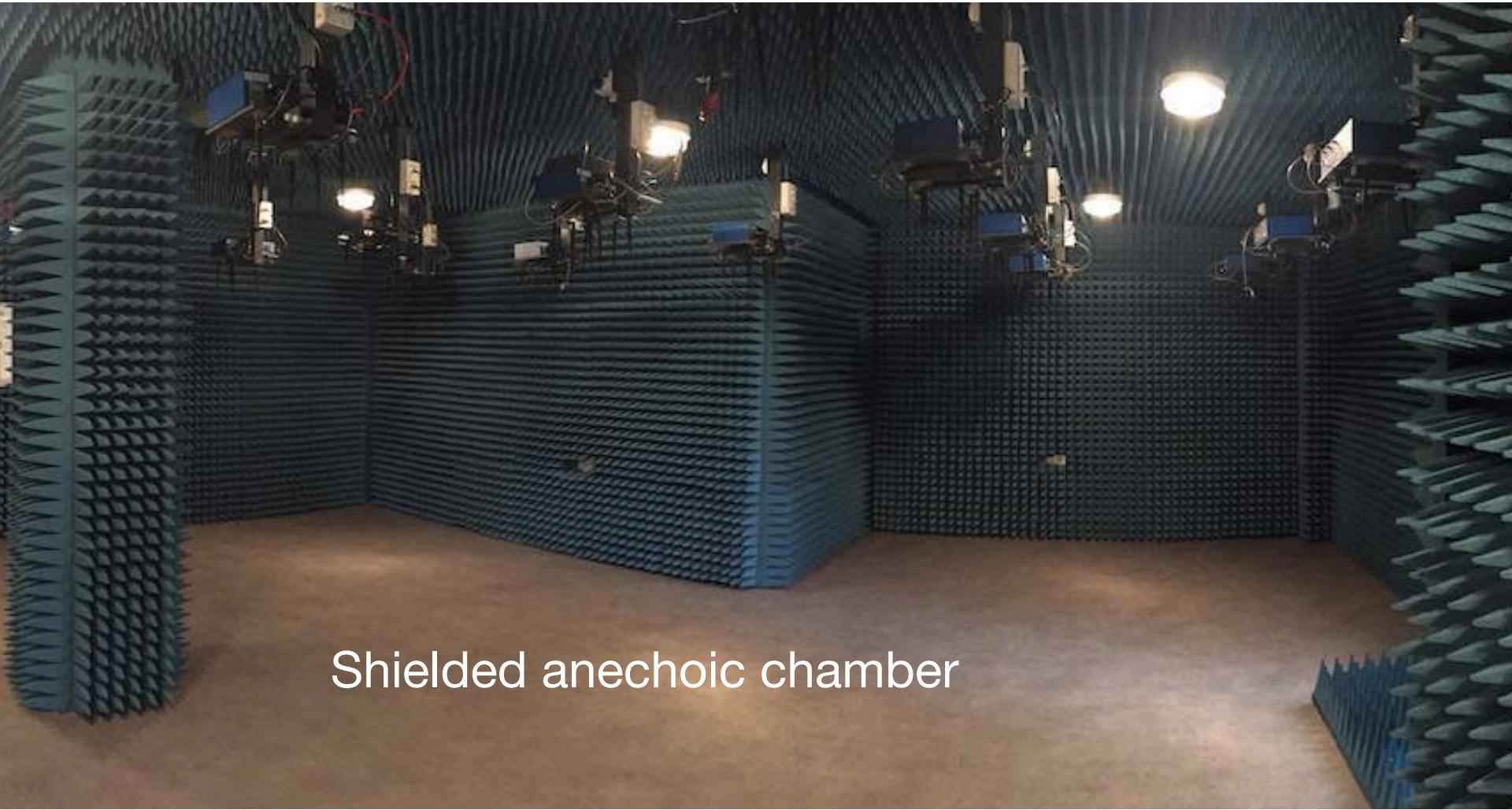


FIT Equipex: 6 million euros in scientific infrastructure funding from the French government

FIT CorteXlab: cognitive radio



FIT R2Lab: reproducible wireless



Shielded anechoic chamber

Network Operations Center (NOC)



Vint Cerf visits the OneLab NOC
4 March 2014

FIT Equipex steering committee



THALES

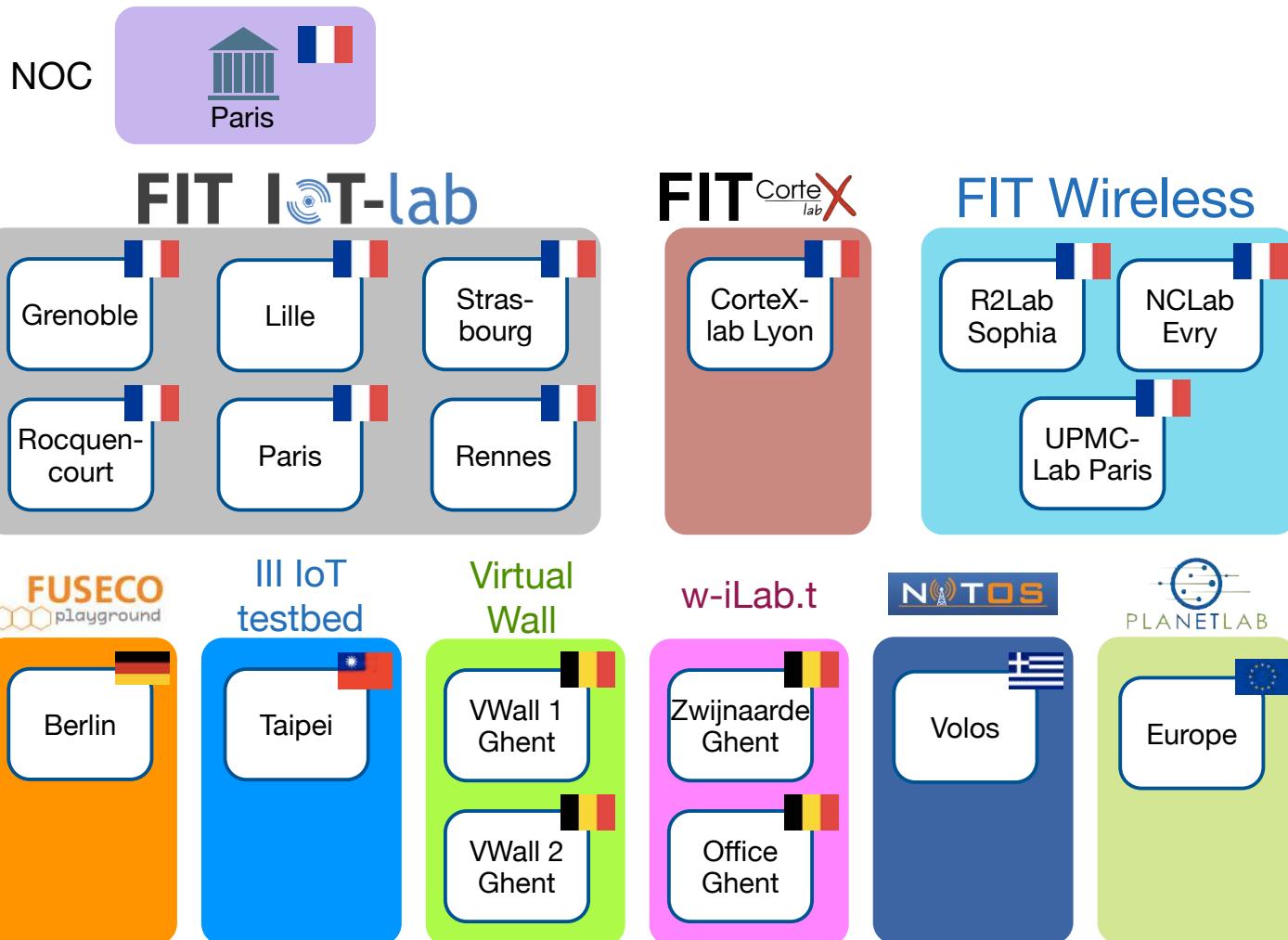
Alcatel-Lucent



FIT EQUIPEX
INVESTISSEMENT
D'AVENIR

OneLab
FUTURE INTERNET TESTBEDS

OneLab: pan-European federation



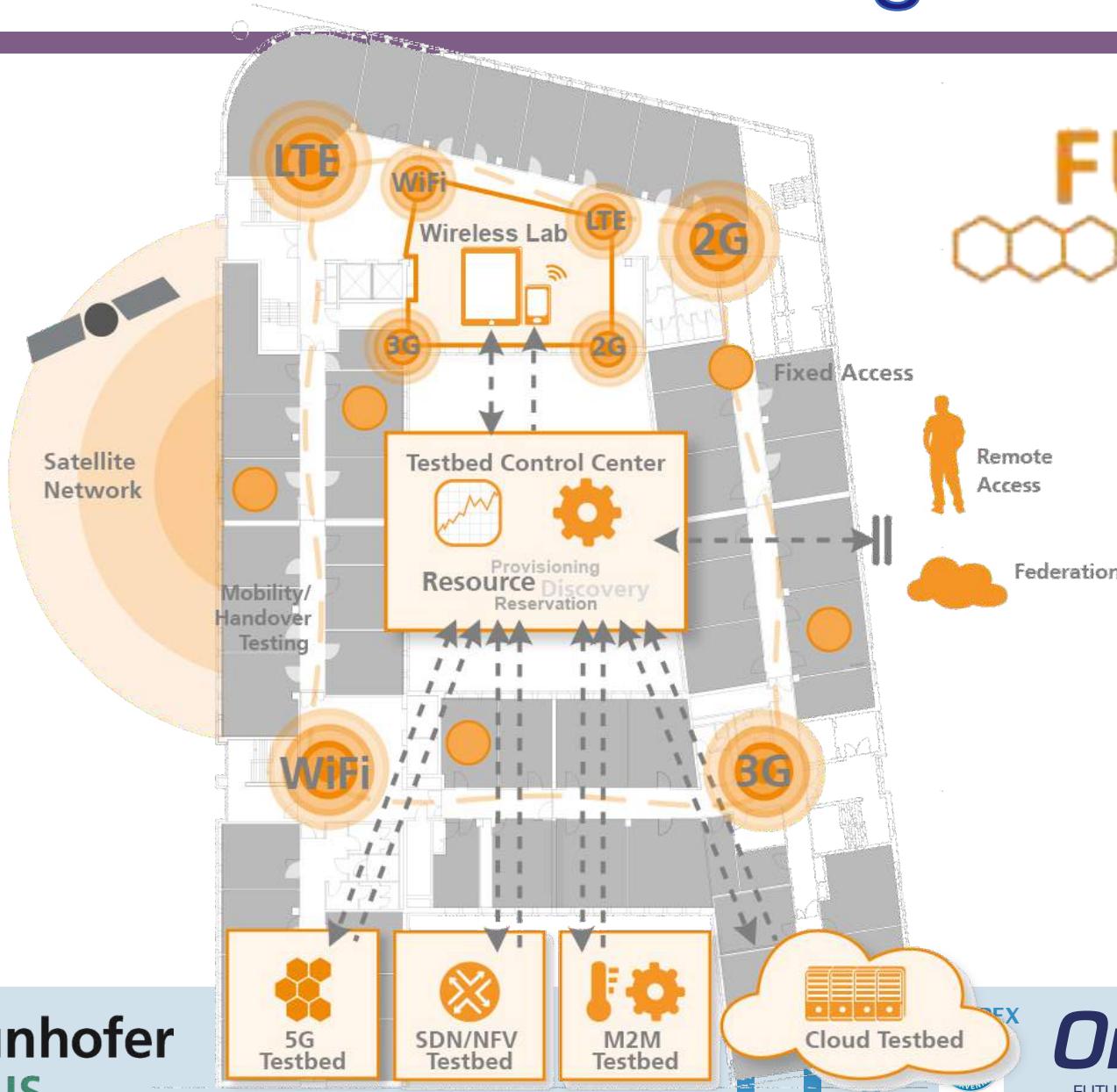
PlanetLab Europe

Internet-connected servers

hosted by 200+ member institutions across Europe



FUSECO: M2M testing

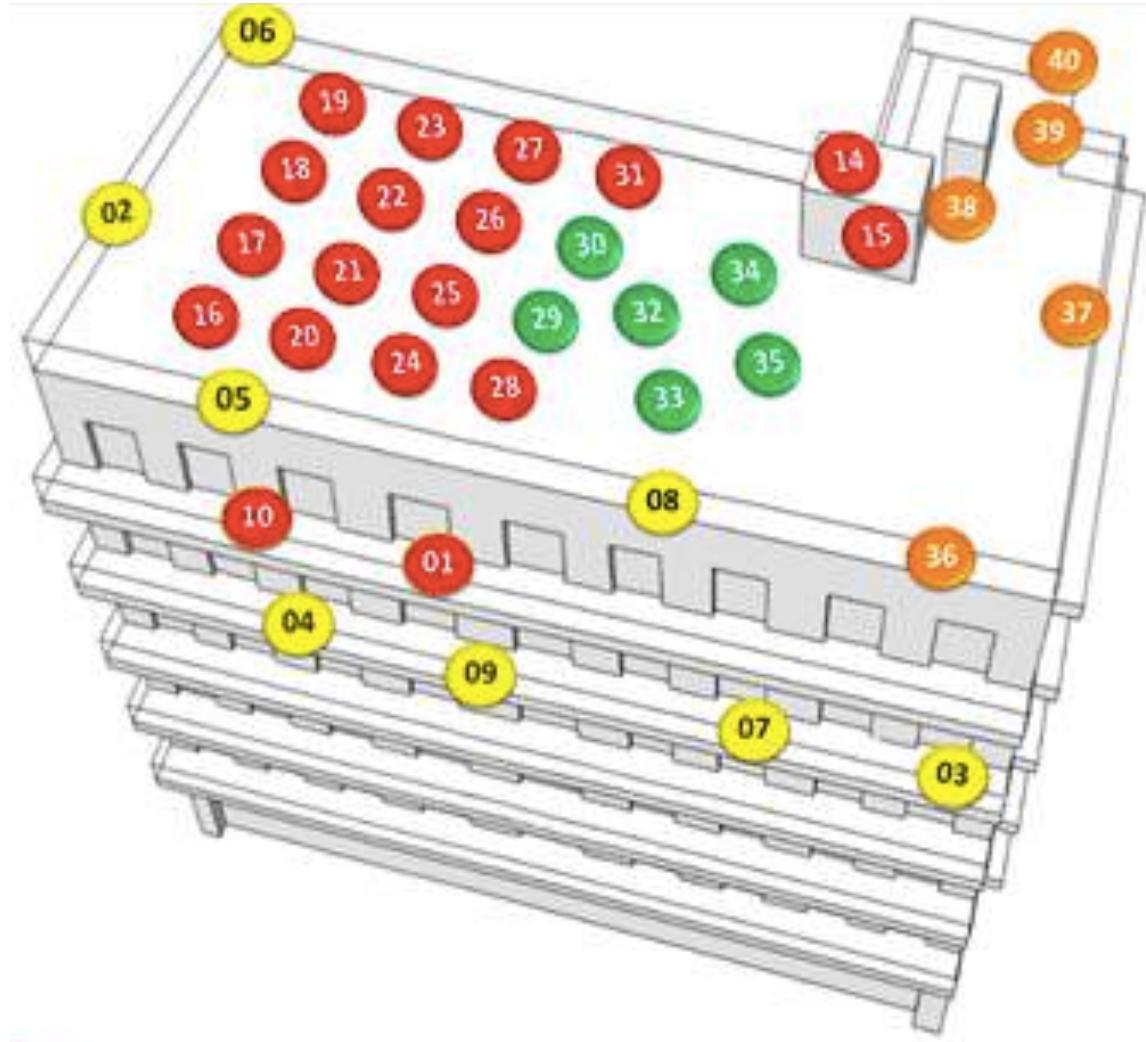


Virtual Wall: cloud resources



NITOS: real-world wireless testing

administrative
building at the
University of
Thessaly



FIT IoT-LAB clone in Taiwan

22nd Taiwan-France Industrial Cooperation Consultation Meeting
第22屆台法工業合作會議 June 2015



Chia-Hsiang Chang
MOEA

Pascal Faure
DGE

Timur Friedman
FIT & OneLab

OneLab provides a single portal for users

The OneLab portal is a single point of access for users to various computer networking testbeds. It features a clean design with a dark teal header and a light teal footer. The main content area has a teal background with white text and illustrations.

Top Screenshot (Landing Page):

- Header:** OneLab — FUTURE INTERNET TESTBEDS
- Navigation:** SERVICES, USER STORIES, NEWS, TEAM
- Text:** Already registered? [Access the portal](#)
- Section:** Your Easy Access to Computer Networking Testbeds:
A wide variety of world class testbeds available through your one account
- Form:** Your First name, Your last name, Your email, Create an account
- Illustration:** An illustration of three scientists in lab coats working with equipment, with a large telescope-like device in the foreground.

Bottom Screenshot (Login Page):

- Header:** OneLab portal — FUTURE INTERNET TESTBEDS
- Navigation:** News, About, Public Website, Intranet
- Text:** The OneLab Vision
one Internet, we will have a multitude of parallel
- Form:** Email (serge.fdida@upmc.fr), Password, Sign In, Can't access your account?
- Text:** You don't have yet an account? [Sign Up!](#)
- Illustration:** An illustration of a test tube being inserted into a larger container.

Thank you to our major benefactors



<http://onelab.eu>

FIT EQUIPEX
INVESTISSEMENTS
D'AVENIR
OneLab —
FUTURE INTERNET TESTBEDS

About the speaker

Timur Friedman

Executive Director

Assistant professor

Laboratory affiliations



FUTURE INTERNET TESTBEDS



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