INTERNATIONAL WORKSHOP

Impact and deployment of FOT results and data

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FOT-Net is a support action co-funded by the European Commission to network FOT activities at European, national and international level.

AGENDA

13:00	**Welcome: FOT Network platform activities: update and meeting objectives** Yvonne Barnard, Project Manager, ERTICO – ITS Europe
13:15	**Welcome from the Regions: Introduction on FOT activities** Wolfgang Hoeffs, Jim Sayer, Shoichi Suzuki Europe, US, Japan
13:45	**Recommendations from the Parallel Round Tables:** Data and Impact analysis, Adrian Zlocki, IKA, and Martijn de Kievit, TNO Strategies for deployment and satisfying stakeholders' needs, Tom Alkim, RWS, and Yvonne Barnard, ERTICO –ITS Europe
14:15	Coffee break
14:30	**Recommendations from the Parallel Round Tables (cont.):** Sharing of driver data from FOTs and Naturalistic Driving Studies, Helena Gellerman, SAFER Sharing of cooperative systems data, Chairperson: Maxime Flament, ERTICO – ITS Europe
15:00	**Conclusions and relevant FOT presentations during the Congress** Maxime Flament, ERTICO – ITS Europe
15:30	**Adjourn**
16:00	**Opening Ceremony ITS World Congress**

OBJECTIVES OF THIS WORKSHOP

Our mission is to network Field Operational Tests (FOTs) address common issues related to the practical organisation, set up and follow-up of FOTs results

The different regions (Europe, Asia-Pacific and North America) need to cooperate on common FOTs issues

We aim at reinforcing the global FOT network:

- exchange knowledge and best practices
- foster cooperation for FOT activities
- support the coherent development and implementation of FOTs at European and International level

FOUR ROUND TABLES

- **RT1 - Data and Impact analysis**
- **RT2 - Strategies for deployment and satisfying stakeholders' needs**
- **RT3 - Sharing of driver data from FOTs and Naturalistic Driving Studies**
- **RT4- Sharing of cooperative systems data**

ONE THEME

Impact and deployment of FOT results and data

WHAT IS A FOT AND WHY IS IT USEFUL?

A study undertaken

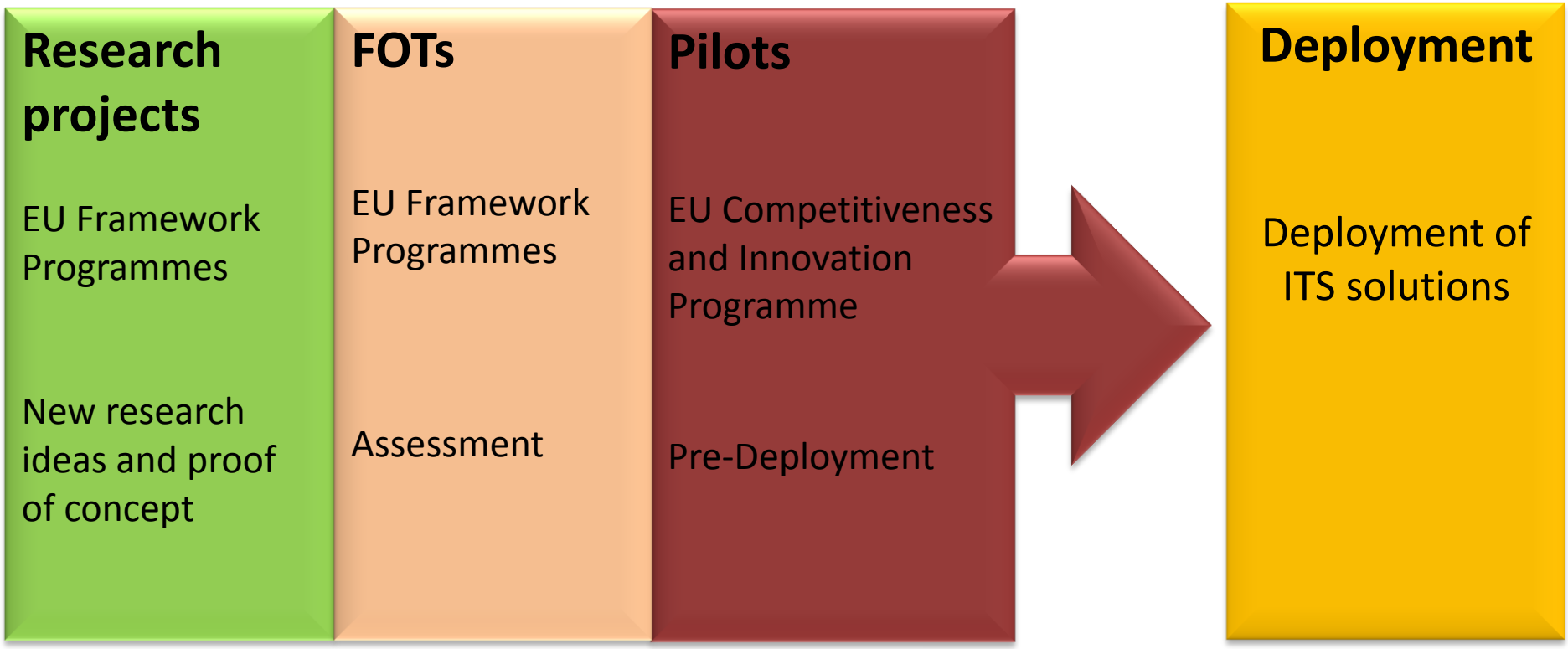
- to evaluate a function
- under normal operating conditions
- in environments typically encountered by the participants
- using quasi-experimental methods

FOTs are conducted to answer impact questions:

- Safety
- Environment
- Mobility
- Traffic efficiency
- Usage
- Acceptance

FIELD OPERATIONAL TESTS (FOTs) IN EUROPE: A STEP TOWARDS DEPLOYMENT

Preparing for policy decisions → **Policy decisions to support deployment**



WHAT IS FOT-NET?

FOT-Net is a support action funded by the European Commission to network *Field Operational Test* activities at European, National and International levels

- First phase 2008 – 2010, 10 funded partners, funding of 1.2 M€
- Second phase 2011 – 2013, 15 funded partners, funding of 1.4 M€

FOT-Net is the point of reference for anyone interested in FOTs, their set up and their results

PROJECT PARTNERS

Associations

ERTICO ITS EUROPE

POLIS

Road users

FIA EUROPEAN BUREAU

Automotive

CRF CENTRO RICERCHE FIAT

RENAULT

VOLVO

Road operators

ASFA ASSOCIATION PROFESSIONNELLE AUTOROUTES ET OUVRAGES ROUTIERS

bast

Research

ITS UNIVERSITY OF LEEDS

SAFER VEHICLE AND TRAFFIC SAFETY CENTRE AT CHALMERS

TNO

CTAG Centro Tecnológico de Automoción de Galicia

ika INSTITUT FÜR KRAFT-FAHR-ZEUGE RWTH AACHEN UNIVERSITY

Fraunhofer FOKUS

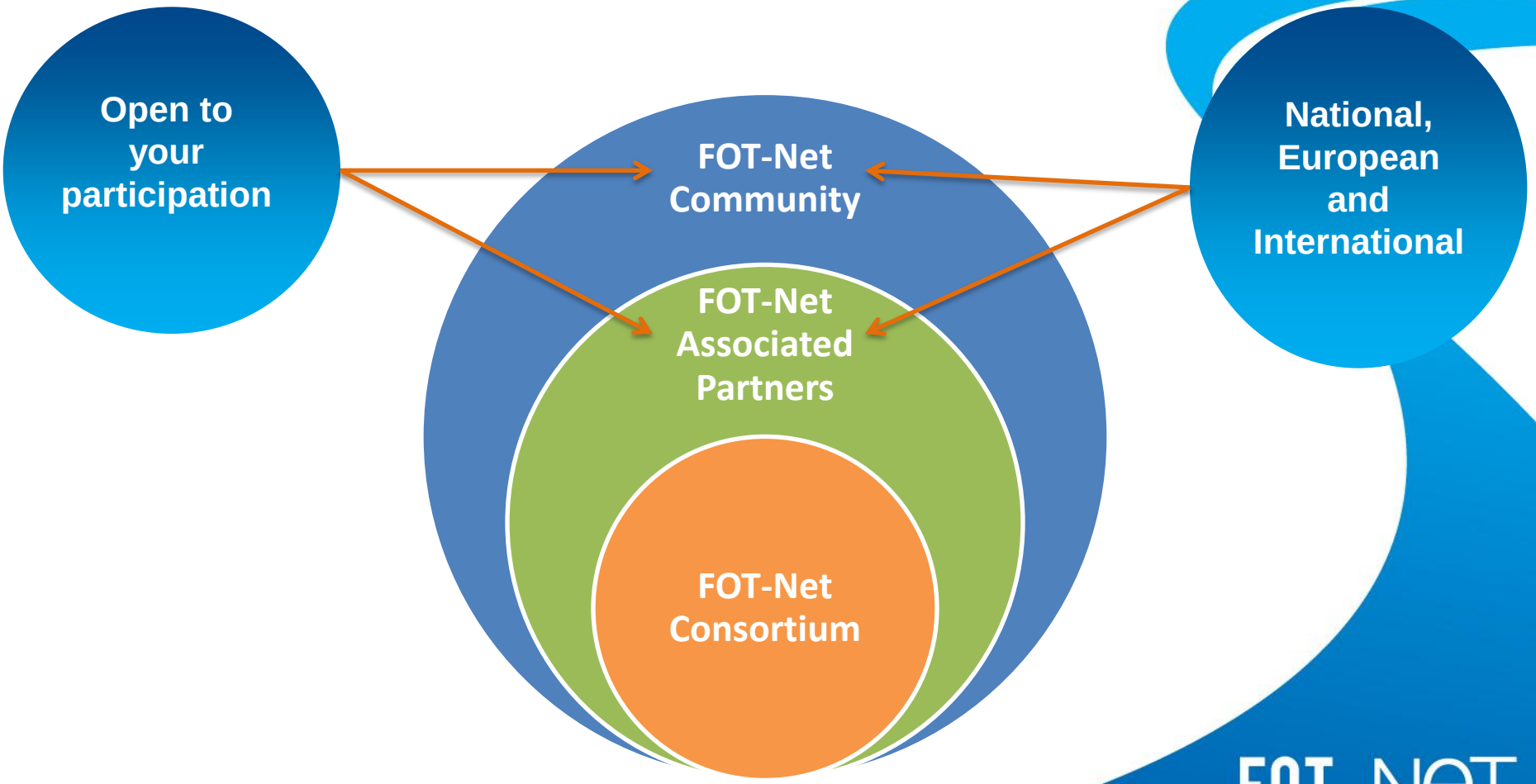
Associated partners

Associated partners from industry, authorities and research

And other supporting organisation

FOT-NeT

WHO IS PART OF FOT-NET?



HOW DO WE PROVIDE SUPPORT?

- Stakeholders meetings and seminars
- Stakeholder needs survey
- FOT-Methodology (FESTA) and a living handbook
- Newsletters, wiki, website, linked-in
- FOT tools inventory

In other words: we form a community, sharing experiences and expertise

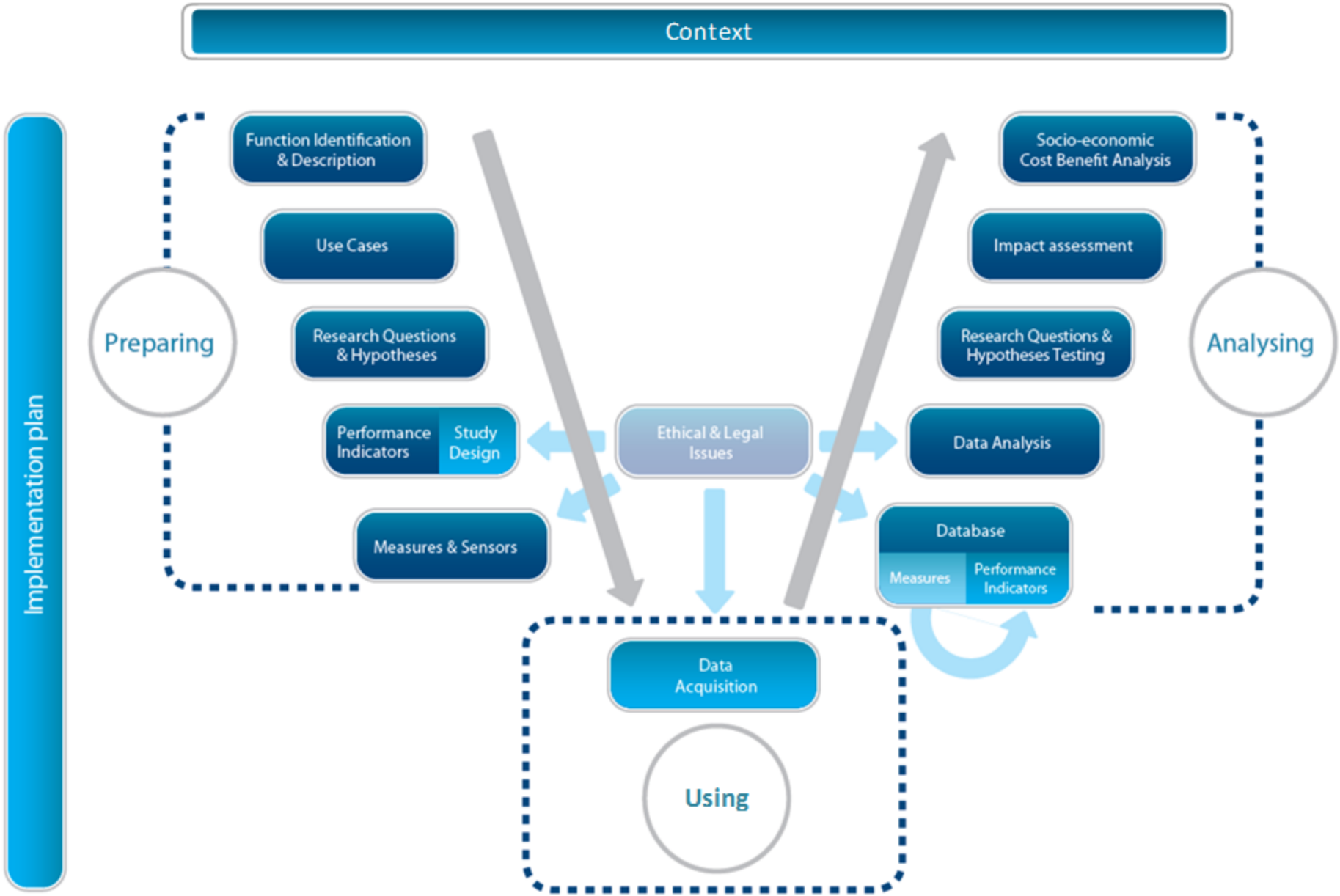
5 WORKING GROUPS

1. Data analysis
2. Events and incident definition
3. Ethical and legal issues
4. Impact assessment and scaling up
5. Data sharing

WHY USING A METHODOLOGY?

- If we want real answers, and if we want to compare different tests, we need a systematic and rather strict methodology
- FOTs are relatively new and complex, requiring wide range of expertise
- Many open questions

  Address challenges by:
  - Systematic approach, common methodology
  - Bring together interdisciplinary teams and discuss, speaking a common language
  - Share experiences and build knowledge base


Context
Implementation plan
Preparing
Function Identification & Description
Use Cases
Research Questions & Hypotheses
Performance Indicators
Study Design
Measures & Sensors
Ethical & Legal Issues
Data Acquisition
Using
Analysing
Socio-economic Cost Benefit Analysis
Impact assessment
Research Questions & Hypotheses Testing
Data Analysis
Database
Measures
Performance Indicators

FESTA METHODOLOGY

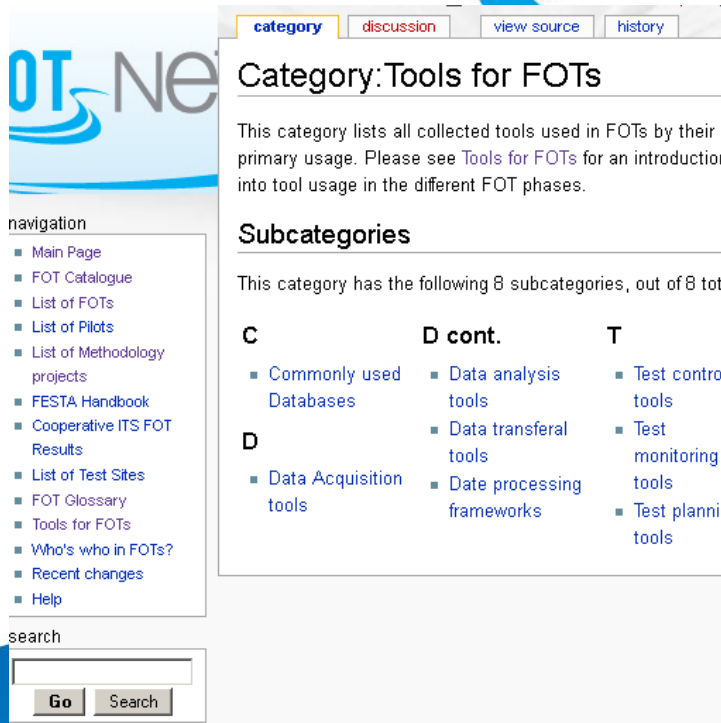
- FESTA was a European project, developed methodology for conducting FOTs
- FESTA Handbook
- Upcoming revision in November 2013

www.fot-net.eu/download/festa_handbook_rev4.pdf

http://http://wiki.fot-net.eu

TO READ...

- Our wiki, with FOTs and tools
- All presentations and reports from events are on-line
- Reports on-line from working group
- Small literature study on probe data in Europe



COMING UP

To stay informed subscribe to the FOT-Net newsletter

- FESTA (FOT methodology) revision
- Outcomes of working groups
- New brochure, dissemination guide, articles

- FOT-Net at ITS World Congress

  Special Session SIS 04 Analysing the Outcomes of Field Operational Tests
  - **Tuesday 15 October, 11:00-12:30**

- 10th Stakeholders workshop, on naturalistic driving
  - **Brussels, 26 November 2013**

ANEW SUPPORT ACTION IN 2014

FOT-Net data:

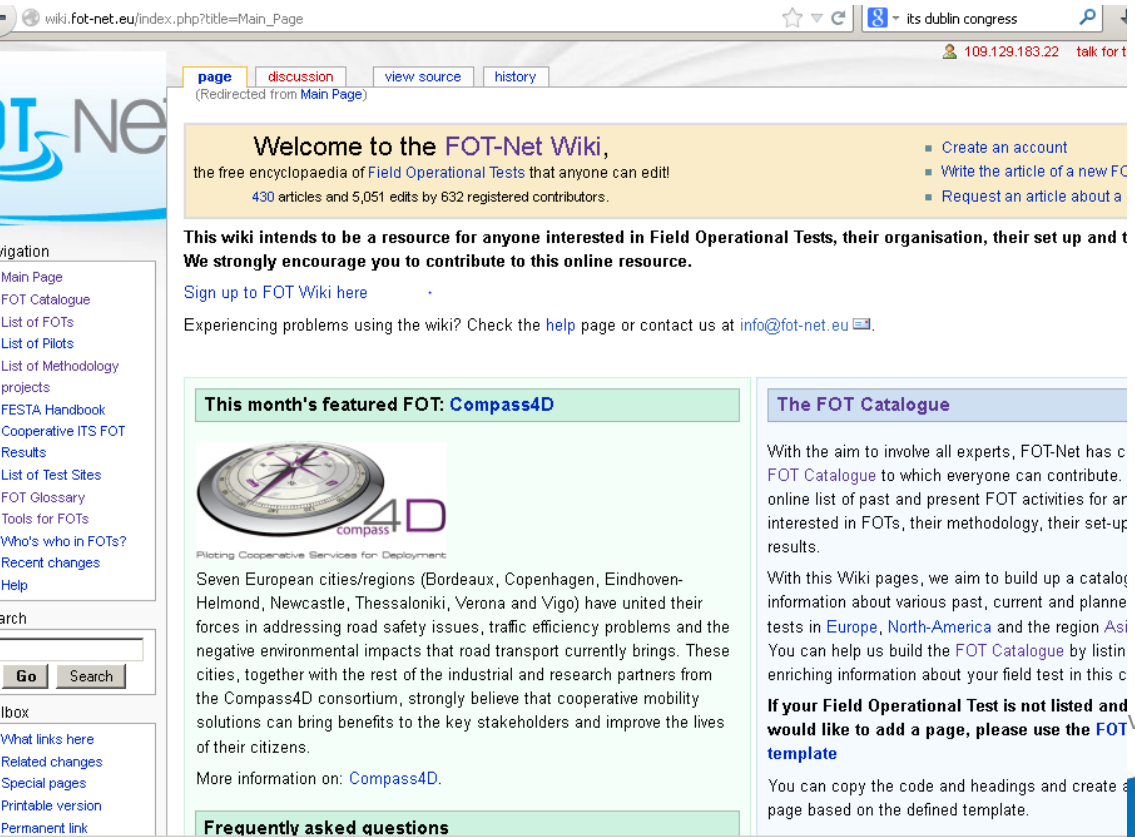
- Targets efficient **sharing and re-use of global data** sets in up-coming analysis projects
- Continues European and international **networking** activities in the domain FOTs
- And maintain and increase the momentum achieved in FOT-Net
- FOT-Net Data explicitly addresses the need to **exploit the collected data.**
  - Develop the strategy for sharing and exploiting collected FOT data
  - Address the actual data sharing and the procedures, templates and services
  - Build a detailed catalogue of available data

THANK YOU!

Visit our wiki and website:

http://wiki.fot-net.eu

http://fot-net.eu



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