



Република Македонија
Министерство за образование и наука

Collaboration Activities between the JRC and the Republic of Macedonia

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2005-2006

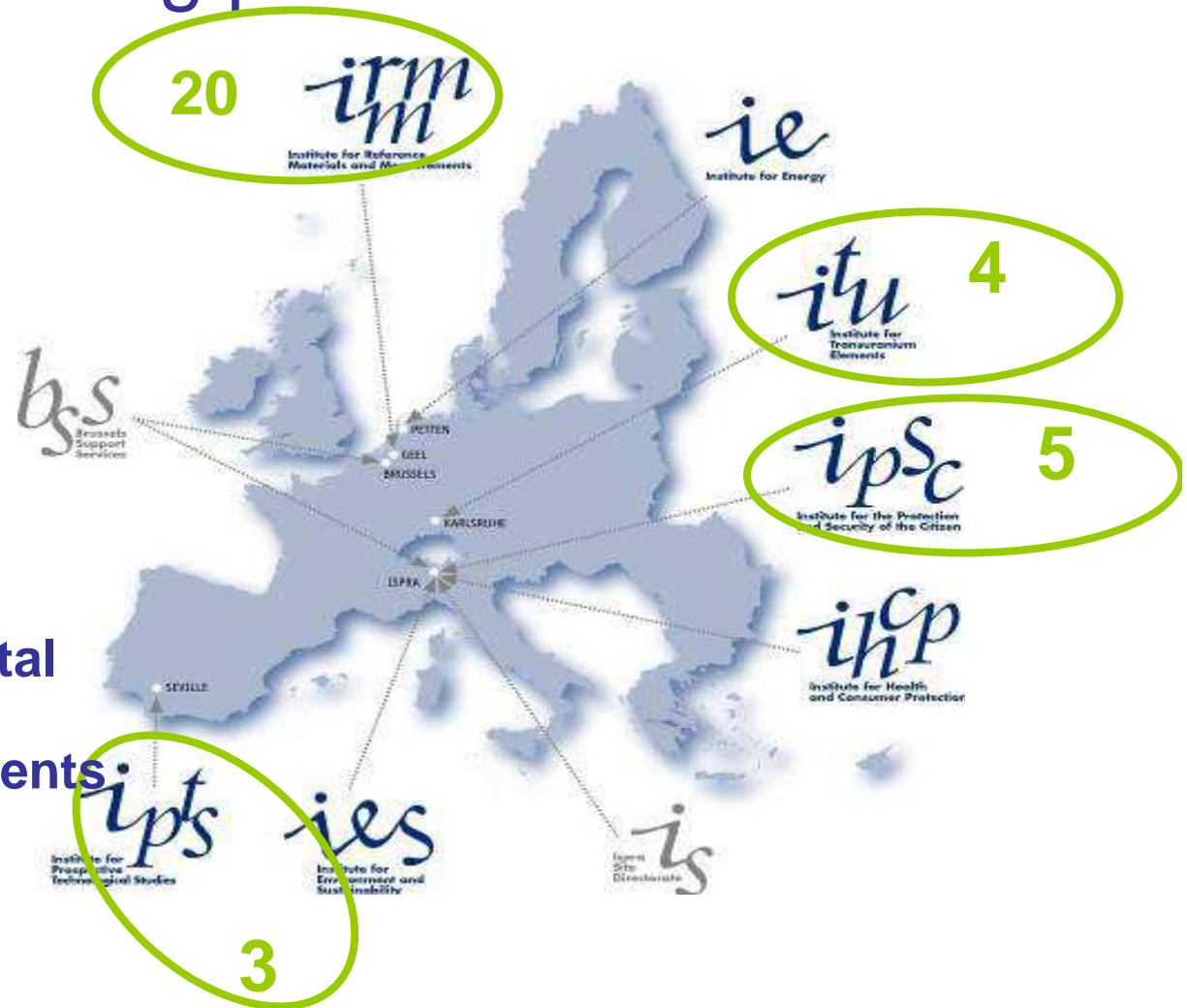
32

Mk researchers

Fields:

- agro-environment policy
- Radioactivity environmental monitoring,
- metrology and measurements
- earthquake engineering

Starting point for collaboration





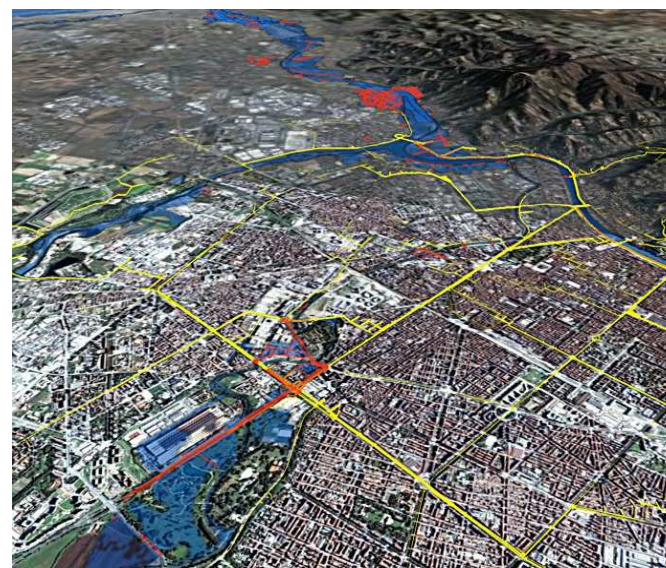
JRC and Macedonian partners have a limited level of collaboration,

ESBN- network of national soil science institutions
FP6 Project MANMADE (2007-2009)

- Action Physical Vulnerability Assessment of Critical Structure

Consortium:

- QMUL , School of Mathematical Sciences,UK
- JRC- IPSC, Ispra, Italy
- Macedonian Academy of Sciences and Arts,RM
- Collegium Budapest, Institut for Advanced Study,Hu
- LUIC University Carlo Cataneo,It

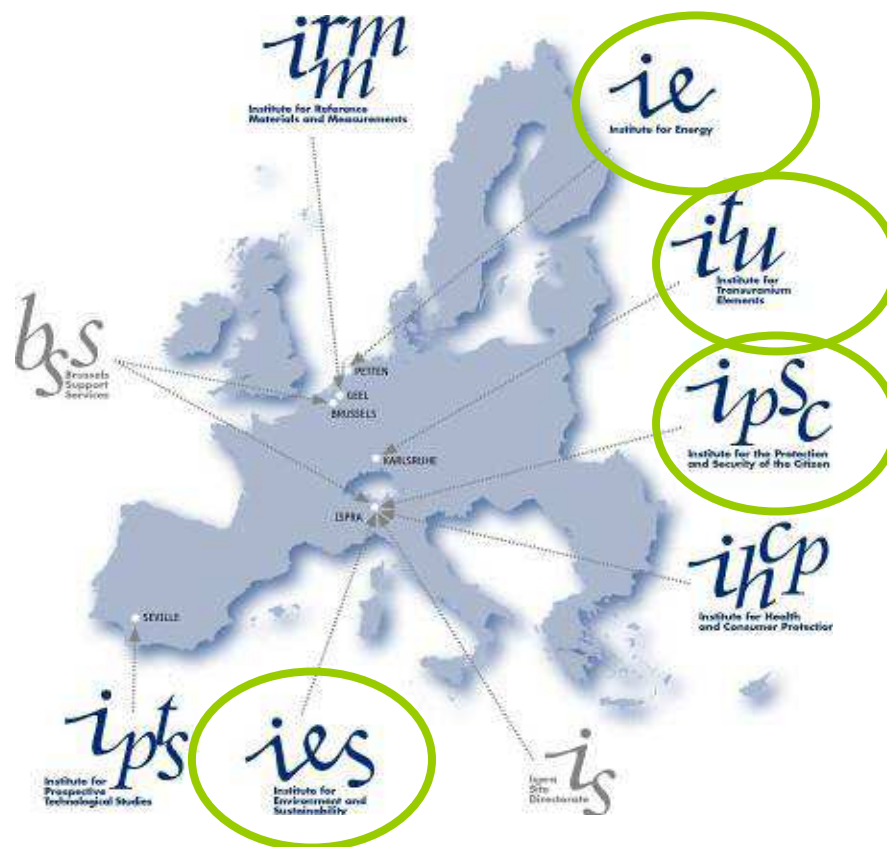




JRC Integration and Enlargement Activities workshops

2007-2008 → 36 Mk. Participants
2009 → 13 Mk. Participants

IE	2
IES	3
IPSC	7
ITU	1



Project collaboration



1. **WBC-INCO.NET**, Science Policy, EU-WBC Dialogue, Western Balkan Countries – **Ministry of Education and Science**
2. **.ENNAH**, Noise, Health, Environment, Network, Noise Exposure – **Institute for Public Health**; 2009-2011
3. **SERIES**, seismic testing, earthquake engineering, seismic engineering, testing facilities - **Institute of Earthquake Engineering and Engineering Seismology**, 2009-2013
4. **ACROPOLIS**, ICT, Cognitive radio, network of excellence-Ss.Cyril And Methodius University In Skopje, **Faculty of Electrical Engineering and Information Technologies** ;2010-2013
5. **FUTUREBRIDGE** , **Microsam AD** –as participating organization – **IPSC** 2006-2009
6. **UREDITEME**, **IZIIS** Reg-Pot, Capacity bulding, 2010

Example of Collaboration with JRC

FP7 Project: *SERIES*

Seismic engineering research
infrastructures for European synergies

Research area: FP7-INFRASTRUCTURES-2008-1

Start Date: 2009-03-01

End Date: 2013-02-28

Duration: 48 months

Project Funding: 8.7 million euro

Coordinator : UNIVERSITY OF PATRAS,GREECE



Z. Rakicevic, IZIIS' Project Partner Manager in SERIES

Consortium

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UNIKASSEL
VERSITA'T



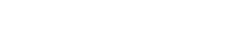
University of
BRISTOL



vce



GEODYNAMIQUE
& STRUCTURE



ISTANBUL TEKNIK UNIVERSITESI

JRC -JOINT RESEARCH CENTRE- EUROPEAN COMMISSION

BOGAZICI UNIVERSITESI

GEODYNAMIQUE ET STRUCTURE

VCE HOLDING GMBH

UNIVERSITAET KASSEL

P&P LMC SRL

LABORATORIO NACIONAL DE ENGENHARIA CIVIL

COMMISSARIAT A L' ENERGIE ATOMIQUE

INSTITUTE OF EARTHQUAKE ENGINEERING AND ENGINEERING SEISMOLOGY

LABORATOIRE CENTRAL DES PONTS ET CHAUSSEES

UNIVERSITA DEGLI STUDI DI TRENTO

NATIONAL TECHNICAL UNIVERSITY OF ATHENS

UNIVERSITA DEGLI STUDI DI NAPOLI FEDERICO II.

UNIVERZA V LJUBLJANI

TECHNICAL UNIVERSITY 'GHEORGHE ASACHI' OF IASI

THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD

CENTRO EUROPEO DI FORMAZIONE E RICERCA IN INGEGNERIA SISMICA

ARISTOTELIO PANEPISTIMIO THESSALONIKIS

THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE

MIDDLE EAST TECHNICAL UNIVERSITY

UNIVERSITY OF BRISTOL

TURKEY

BELGIUM

TURKEY

FRANCE

AUSTRIA

GERMANY

ITALY

PORTUGAL

FRANCE

REPUBLIC OF MACEDONIA

FRANCE

ITALY

GREECE

ITALY

SLOVENIA

ROMANIA

UK

ITALY

GREECE

UK

TURKEY

UK





Project: *SERIES*



Mission:

“Bridging the Gaps of RTD in Experimental Earthquake Engineering and Structural Dynamics,”

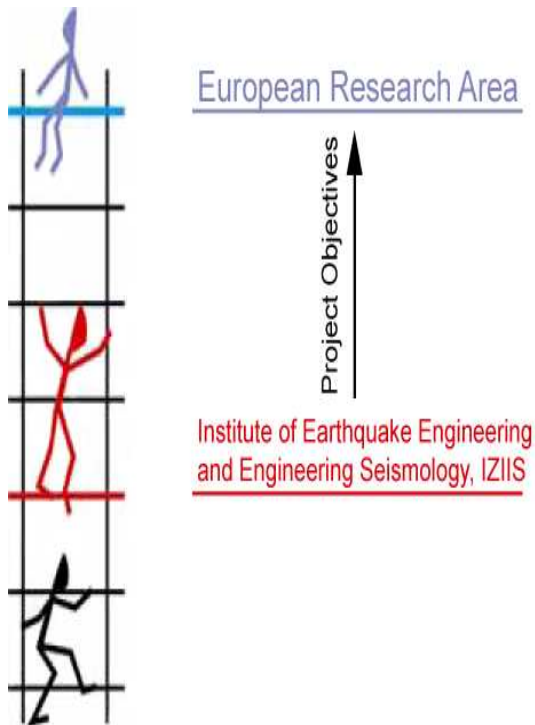
Networking Activities

- Distributed database, data communication and access, Telepresence
- Qualification of research infrastructures, and European Integration
- European and international co-operation of research infrastructures

RTD - Joint Research Actions

- Advanced Sensing, Data Processing and Modelling
- Testing techniques for Soil Structure Interaction (SSI) and wave propagation

Transnational Access of the Users is offered to a portfolio of world class RIs: EU’s largest PsD facility, four diverse shake tables and the two centrifuges.



PROJECT FACTS

Proposal acronym: **UREDITEME** :

Project full title: **UPGRADING OF RESEARCH EQUIPMENT FOR DYNAMIC TESTING OF LARGE SCALE MODELS**

Coordinator : Professor Mihail Garevski - IZIIS , Skopje

Responsible person for Scientific and technological issues :

Associate Professor Vlatko Sesov - IZIIS

Type of funding scheme: CSA, FP7-REGPOT-2008-1

Work programme topics addressed: Earthquake Engineering, Dynamic Testing, Seismic Risk Reduction

Project duration : 30 months (start April, 2010)

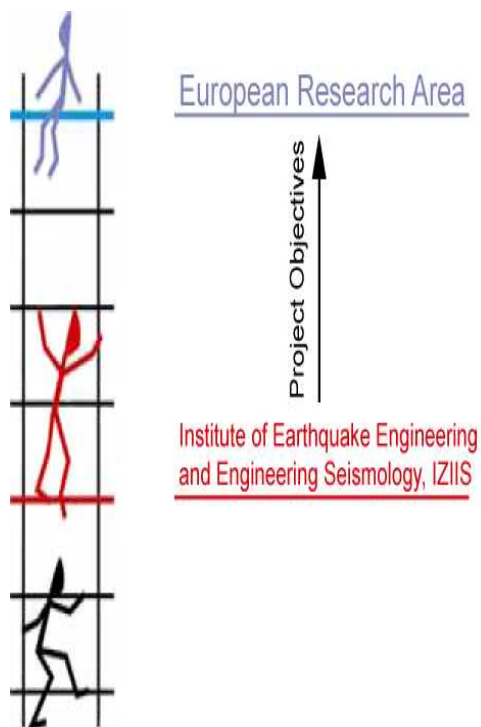
Participants :



European Laboratory for Structural Assessment – ELSA, Ispra, Italy,
The Laboratorio Nacional de Engenharia Civil (LNEC), Lisbon, Portugal

AIM of the project:

- Renewal of existing analog control system of the bi-axial shaking table
- Upgrading of the Laboratory for Dynamics of Soils and Foundations
- To overcome the gap of technical possibilities in respect to the European and World research centres
- Engagement of junior staff





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Thank you for Your Attention

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