



INTRODUCTION INTO THE OBJECTIVES AND STRATEGIES OF THE NERA PROJECT

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The overall aim of NERA is to achieve a measurable improvement and a long-term impact in the assessment and reduction of the vulnerability of constructions and citizens to earthquakes. NERA will integrate the key research infrastructures in Europe to monitor earthquakes and assess their hazard and risk, and will combine expertise in observational and strong-motion seismology, modeling, geotechnical and earthquake engineering to develop activities to improve the use of infrastructures and facilitate the access to data. NERA will ensure the provision of high-quality services, including access to earthquake data and parameters and to hazard and risk products and tools. NERA will coordinate with other EC projects (SHARE, SYNER-G) a comprehensive dissemination effort. NERA will contribute to the OECD GEM program and to the EPOS ESFRI infrastructure.

Table 1. List of Beneficiaries

No.	Name	Short name	Country
1	Eidgenössische Technische Hochschule Zürich	ETHZ	Switzerland
2	STICHTING ORFEUS	ORFEUS	Netherlands
3	KONINKLIJK NEDERLANDS METEOROLOGISCH INSTITUUT	KNMI	Netherlands
4	ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA	INGV	Italy
5	VCE Holding GmbH	VCE	Austria
6	Euro-Mediterranean Seismological Centre	EMSC	France
7	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	CNRS	France
8	CENTRO EUROPEO DI FORMAZIONE E RICERCA IN INGEGNERIA SISMICA	EUCENTRE	Italy
9	Helmholtz-Zentrum Potsdam Deutsches GeoForschungsZentrum	GFZ	Germany
10	BOGAZICI UNIVERSITESI	KOERI	Turkey
11	AMRA - ANALISI E MONITORAGGIO DEL R ISCHIO AMBIENTALE SCARL	AMRA	Italy
12	ÖSTERREICHISCHES FORSCHUNGS- UND PRÜFZENTRUM ARSENAL GES.M.B.H. 1 48	AIT	Austria
13	ARISTOTELIO PANEPISTIMIO THESSALONIKIS 1 48	AUTH	Greece
14	INSTITUTUL NATIONAL DE CERCETARE- DEZVOLTARE PENTRU FIZICA PAMANTULUI	NIEP	Romania
15	VEDURSTOFA ISLANDS	IMO	Iceland
16	NATURAL ENVIRONMENT RESEARCH COUNCIL	NERC-BGS	United Kingdom

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17	FUNDACAO DA FACULDADE DE CIENCIAS DA UNIVERSIDADE DE LISBOA	FFCUL	Portugal
18	KATHOLIEKE UNIVERSITEIT LEUVEN	KU Leuven	Belgium
19	UNIVERSITAET LINZ	JKU	Austria
20	Karlsruher Institut fuer Technologie	KIT	Germany
21	MIDDLE EAST TECHNICAL UNIVERSITY	METU	Turkey
22	CAMBRIDGE ARCHITECTURAL RESEARCH LIMITED	CAR	United Kingdom
23	AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	CSIC	Spain
24	NATIONAL OBSERVATORY OF ATHENS	NOA	Greece
25	UNIVERSITY OF LEICESTER	ULEIC	United Kingdom
26	STIFTELSEN NORSAR	NORSAR	Norway
27	THE UNIVERSITY OF LIVERPOOL	ULiv	United Kingdom
28	INSTITOUTO TECHNIKIS SEISMOLOGIAS KAI ANTISEISMIKON KATASKEVON	ITSAK	Greece

Table 2 List of Work Packages

No.	WP Title
WP 1	NERA Project Management
WP 2	NA2: Expanding access to seismic waveforms in the Euro-Med region
WP 3	NA3: Networking accelerometric networks and SM data users
WP 4	NA4: Networking European Rapid Response Networks
WP 5	NA5: Networking near-fault observatories
WP 6	WP 6 NA6: Networking field testing infrastructures
WP 7	WP 7 NA7: Classification and inventory of European building stock
WP 8	NA8: Networking School Seismology programs
WP 9	NA9: European Mediterranean Earthquake Portal and Services
WP 10	NA10: Dissemination and integration
WP 11	JRA1: Waveform modelling and site coefficients for basin response and topography
WP 12	JRA2: Tools for real time seismology, acquisition and mining
WP 13	JRA3: Coherence of near-fault ground motion spatial distribution and ground strain
WP 14	JRA4: Real-Time Seismic Risk Assessment and Decision Support
WP 15	JRA5: Vulnerability Assessment from Field Monitoring
WP 16	TA1: Access to Istanbul earthquake rapid response system and the suspension bridge monitoring system
WP 17	TA2: Bucharest Rapid Early Warning System (BREWS)
WP 18	TA3: Access to early warning networks:Irpinia
WP 19	TA4: Transnational access to NORSAR
WP 20	SA1: Remote access to parametric data and earthquake products
WP 21	SA2: ORFEUS remote waveform data services
WP 22	SA3: Remote access to earthquake hazard & risk products

REFERENCES

SHARE (Seismic Hazard Harmonization in Europe), FP7-ENV-2008-226967, FP7 Collaborative Project
SYNER-G (Systemic Seismic Vulnerability and Risk Analysis for Buildings) - FP7-ENV-2009-244061,
European Research Project funded by FP7
IRIS (Integrated European Industrial Risk Reduction System) - NMP2-LA-2009-213968, European Research
Project funded by FP7