APPENDIX TO

COORDINATED AND INTEROPERABLE SEISMOLOGICAL DATA AND PRODUCT SERVICES IN EUROPE: THE EPOS THEMATIC CORE SERVICE FOR SEISMOLOGY

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List of Acronyms

AHEAD: European Archive of Historical Earthquake Data

API: Application Programming Interface

ARISTOTLE (Project): All Risk Integrated System TOwards Trans-boundary hoListic Early-warning

ASCII: American Standard Code for Information Interchange

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CEN: Comité Européen de Normalisation

COSMOS: Consortium of Organizations for Strong Motion Observation Systems

DAS: Distributed Acoustic Sensing systems

DCAT: Data Catalog vocabulary

DISS: Database of Individual Seismogenic Sources

DOI: Digital Object Identifier

EAEE: European Association of Earthquake Engineers

EC: European Commission

EDSF: European Databases of Seismogenic Faults

EFEHR: European Facilities for Earthquake Hazard and Risk

EFSM: European Fault-Source Model

EIDA: European Integrated waveform Data Archive

EMME (Project): Earthquake Model of the Middle East

EMSC: Euro-Mediterranean Seismological Centre

EPOS: European Plate Observing System

EQN: EarthQuake Network

ERIC: European Research Infrastructure Consortium

ESC: European Seismological Commission

ESHM: European Seismic Hazard Model

ESM: Engineering Strong Motion

ESRI: Environmental Systems Research Institute

ESRM: European Seismic Risk Model

ETH: Eidgenössische Technische Hochschule (Switzerland)

EU: European Union

EUCENTRE: European Centre for Training and Research in Earthquake Engineering

FAIR: Findable, Accessible, Interoperable, Reusable

FDSN: International Federation of Digital Seismograph Networks

FP: (EU) Framework Programme for Research

GEM: Global Earthquake Model

GFZ: GeoForschungsZentrum (Germany)

GIS: Geographic Information System

GNSS: Global Navigation Satellite Systems

GSHAP (Project): Global Seismic Hazard Assessment Program

GSIM: Ground-Shaking Intensity Model

GUI: Graphical User Interface

HMB: Http Message Bus

IASPEI: International Association of Seismology and Physics of the Earth's Interior

ICS-C: EPOS Integrated Core Services – Central hub

IGN: Instituto Geográfico Nacional (Spain)

INGV: Istituto Nazionale di Geofisica e Vulcanologia (Italy)

IRIS: Incorporated Research Institutions for Seismology

ISC: International Seismological Center

IT: Information Technology

LDG: Laboratory for Detection and Geophysics (France)

MEMS: Micro-ElectroMechanical Systems

MEREDIAN (Project): Developing existing earthquake data infrastructures towards a mediterranean-european rapid earthquake data information and archiving network

NARS: Network of Autonomously Recording Seismographs

NEAM: Countries in the North-Eastern Atlantic, the Mediterranean and connected seas

NEAMTHM: North-Eastern Atlantic, the Mediterranean and connected seas, Tsunami Hazard Model

NEIC: National Earthquake Information Center of the United States Geological Survey

NERA (Project): Network of European Research Infrastructures for Earthquake Risk Assessment and Mitigation

NERIES (Project): Network of Research Infrastructures for European Seismology

ODC: ORFEUS Data Center

OGC: Open Geospatial Consortium

ORFEUS: Observatories and Research Facilities for European Seismology

QGIS: Quantum GIS

REST: Representational State Transfer

RISE (Project): Real-time earthquake rIsk reduction for a reSilient Europe

RRSM: Rapid Raw Strong Motion

SED: Schweizerischer Erdbebendienst (Switzerland)

SERA (Project): Seismology and Earthquake engineering Research infrastructure Alliance for Europe

SHARE (Project): Seismic Hazard Harmonization in Europe

SMC: Service Management Committee

SuiHaz: Swiss seismic Hazard Model

TB: TeraByte

TCS: EPOS Thematic Core Service

TURNkey (Project): Towards more Earthquake-resilient Urban Societies through a Multi-sensor-based Information System enabling Earthquake Forecasting, Early Warning and Rapid Response actions

UAG: User Advisory Group

URL: Uniform Resource Locator

USGS: United States Geological Survey

WADL: Web Application Description Language

WFS: Web Feature Service

WMS: Web Map Service