

APPENDIX TO

THE INTEGRATED MULTIDISCIPLINARY EUROPEAN VOLCANO INFRASTRUCTURE: FROM CONCEPTION TO IMPLEMENTATION

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Definitions and Acronyms

APHORISM: Advanced PRocedures for volcanIc and Seismic Monitoring (EC Projects)

AVMS: Automated Volcano Monitoring System

BGS: British Geological Survey (United Kingdom)

CA: Consortium Agreement

CB: Consortium Board

CIVISA: Centre for Information and Seismovolcanic Surveillance of the Azores (Portugal)

CNR-IGG: The National Research Council of Italy – Institute for Geoscience and Georesources (Italy)

CNRS: National Centre for Scientific Research – Centre national de la recherche scientifique (France)

CSIC: Agencia Estatal Consejo Superior de Investigaciones Científicas (Spain)

DEMONS: Deciphering Eruptions by Modelling Outputs of Natural Systems

DIAS: Dublin Institute for Advanced Studies (Ireland)

DORSIVA: Development of Optical Remote Sensing Instruments for Volcanological Applications (EC Projects)

ECV: European Catalogue of Volcanoes

EMEWS: European Mobile Early Warning System (EC Projects)

EMSO: European Multidisciplinary Seafloor Observation (ERIC)

EOSC: European Open Science Cloud (<https://eosc-portal.eu/>)

EPOS: European Plate Observing System (ERIC)

EPOS PP: European Plate Observing System Preparatory Phase (EC Projects)

EPOS IP: European Plate Observing System Implementation Phase (EC Projects)

ERUPT: European research on understanding processes and timescales of magma evolution in volcanic systems (EC Projects)

E-RUPTION: A satellite telecommunication and internet-based seismic monitoring system for volcanic eruption forecasting and risk management (EC Projects)

ESFRI: European Strategy Forum on Research Infrastructures

ETH: Eidgenössische Technische Hochschule Zürich

EUROVOLC: European Network of Observatories and Research Infrastructures for Volcanology (EC Projects)

EVOP: European Volcanological Project (EC Projects)

EVOS: European Volcano Observatory Space Services (EC Projects)

EXPLORIS: EXPLOsive eruption RISk and decision support for eu populations threatened by volcanoes (EC Projects)

FUTUREVOLC: A European volcanological supersite in Iceland: A monitoring system and network for the future (EC Projects)

GNV: Gruppo Nazionale di Vulcanologia (Italy)

HSMGE: Hellenic Survey of Geology and Mineral Exploration

IAVCEI: International Association of Volcanology and Chemistry of the Earth's Interior

ICAO: International Civil Aviation Organization

ICP: Italian Civil Protection (Italy)

IGME: Institute of Geology and Mineral Exploration (Greece)

IGN: Instituto Geográfico Nacional (Spain)

IMO: Icelandic Meteorological Office (Iceland)

INGV: Istituto Nazionale di Geofisica e Vulcanologia (Italy)

IPGP: Institut de Physique du Globe de Paris (France)

IUGG: International Union of Geodesy and Geophysics (France)

KNMI: The Royal Netherlands Meteorological Institute – Koninklijk Nederlands Meteorologisch Instituut (Netherlands)

MADVIEWS: Monitoring Active Deformation of Volcanoes using Interferometry as an Early Warning System (EC Projects)

MED-SUV: MEDiterranean SUPersite Volcanoes (EC Projects)

MIAVITA: Mitigate and Assess risk from Volcanic Impact on Terrain and human Activities (EC Projects)

MULTIMO: MULTI-disciplinary MONitoring, modelling and forecasting of volcanic hazard (EC Projects)

NCIP: National Civil department of the Icelandic Police (Iceland)

NordVulk: Nordic Volcanological Center (Iceland)

NOVAC: Network for Observation of Volcanic and Atmospheric Change

OPGC: Observatoire de Physique du Globe de Clermont-Ferrand (France)

PIRPSEV: Programme Interdisciplinaire de Recherche sur la Prévision et la Surveillance des Éruptions Volcaniques (France)

PRE-ERUPT: Modelling and parameterization of pre-eruptive processes (EC Projects)

REST: REpresentational State Transfer interface for Web application

ROBOVOLC: A Robot for Volcano Exploration (EC Projects)

SEAVOLC: SEA-level change and the stability and activity of coastal and island VOLCanoes (EC Projects)

SNOV: Service National d'Observation en Volcanologie (France)

Tomoves: Tomography of Mt. Vesuvius (EC Projects)

UCA: Université Clermont Auvergne (France)

UI: University of Iceland (Iceland)

UKMETOFFICE: United Kingdom Meteorological Office (United Kingdom)

VAAC: Volcanic ash advisory centre

VOs (Volcano Observatories): are Research Infrastructures with the aims of (1) implementing, upgrading, and maintaining the observation systems; (2) timely and accurately informing and alerting the authorities/media/communities living in or close to volcanoes about impending or current volcanic activity; (3) implementing and maintaining databases of volcanological data for successive studies or educational aims; and (4) supporting civil protection authorities in defining and implementing initiatives aimed at mitigating volcanic risk techniques for forecasting volcanic eruptions

VOLUME: VOLcanoes: Understanding subsurface mass moveMEnt (EC Projects)

VO-TCS: Volcano Observations Thematic Core Service.

VRIs (Volcanological Research Institutions): they are research and academic institutions carrying out experiments, modelling, and scientific studies on volcanic areas and products.

VOLCALERT: Innovative (EC Projects)

VUELCO: Volcanic Unrest in Europe and Latin America: Phenomenology, eruption precursors, hazard forecast, and risk mitigation (EC Projects)

WOVO: World Organization of Volcano Observatories