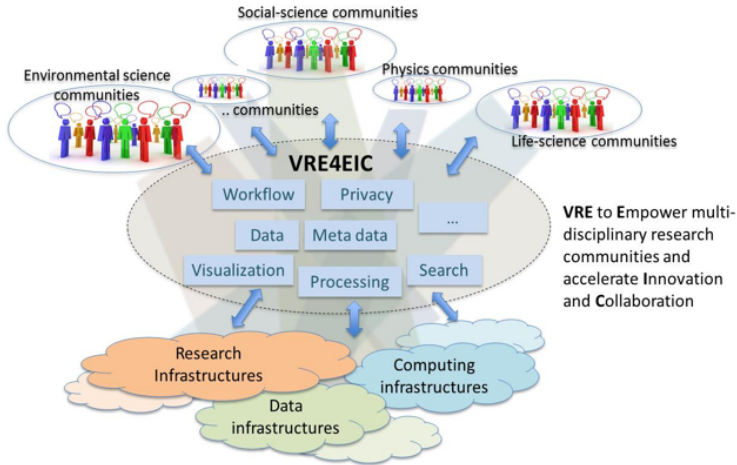# V R E

4

E I C

VRE4EIC is a Horizon 2020 research project to provide

A Europe-wide Interoperable **V**irtual **R**esearch **E**nvironment to **E**mpower Multidisciplinary Research Communities and Accelerate **I**nnovation and **C**ollaboration
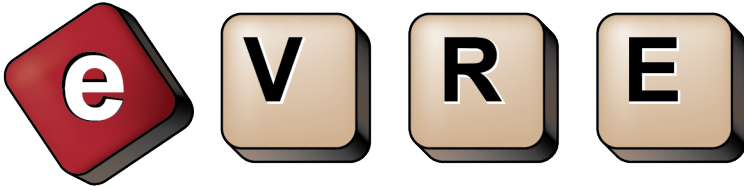
Vision

Objectives

1. Increase the VRE usability for multi-disciplinary research;
2. Increase the quality of VRE user experiences;
3. Increase the deployment of VRE on different research infrastructures by abstracting and reusing building blocks and workflows;
4. Improve the contextual awareness and interoperability of metadata;
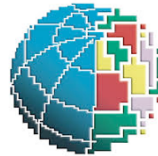5. Promote exploitation and standardisation of e-VRE.

Outcome

e-VRE consists of:

1. A VRE reference architecture;
2. Building blocks of software services to realise an enhanced VRE and to expose / promote / interoperate with / utilise existing e-Research infrastructures providing services, software, data and resources;

e-VRE building blocks may be re-used by new next generation VREs and retro-fitted to existing VREs to provide interoperability and collaboration opportunities.

The project envisages eventually VREs interoperating among themselves using e-VRE while accessing e-Research Infrastructures (such as EPOS and ENVRI+) which are themselves dependent on regional and national e-Infrastructures and European e-Infrastructures such as GEANT, EUDAT, EGI.

Consortium

www.vre4eic.eu

Acknowledgement