



Agenda of eENVplus Workshop
VAC, Leuven (BE), 18 September 2013

National Workshop
10:00-13:00

10:00-10:15	Welcome and introduction to eENVplus
10:15-10:45	INSPIRE implementation - The road to an INSPIRED e-government (Joeri Robbrecht - AGIV – INSPIRE coordination in BE)
10:45-11:15	<i>Coffee break</i>
11:15-11:45	INSPIRE implementation in the Brussels-Capital Region: a collaborative and open approach (Eric Auquière – CIRB-CIBG – Brussels Regional Informatics Centre)
11:45-12:30	The eENVplus contribution to the GI Community <ul style="list-style-type: none">•The eENVplus Service and Infrastructure (SINERGIS-GRAPHITECH)•Application scenarios (VMM)•Exploitation towards Thematic Communities, Training Framework and stakeholders involvement (GISIG)
12:30-13:00	Discussion: possible synergies between eENVplus and the GI Community in Belgium
13:00-14:00	<i>Lunch for all participants</i>

Open Project meeting

14:00-16:45

14:00-15:00	WP 2 System architecture and data content - First part User and Data requirements
	<ul style="list-style-type: none"> • Use cases and user requirements in the context of pilot applications. • Discussion results [VMM/GISIG] (Ref. T2.1, D2.1, D2.2) • Data/Metadata modelling requirements and legal constraints [EPSIT/VMM, All National Agencies] (Ref. T2.2, D2.3 draft)
15:00-15:40	WP 3 Harmonisation and Validation [EPSIT]
	<ul style="list-style-type: none"> • Data harmonisation methodologies and tools • Planned tasks • Discussion
15:40-16:00	<i>Coffee break</i>
16:00-16:45	WP 4 Common Thesaurus Framework [CNR-IMATI]
	<ul style="list-style-type: none"> • Overview of WP4 activity (CNR-IMATI) • Thesaurus survey: result and discussion (Task4.1) (CNR-IMATI) • TF exploit. services: ongoing activity (activity in WP2) and action plan (Task 4.2) (Disy) • Discussion



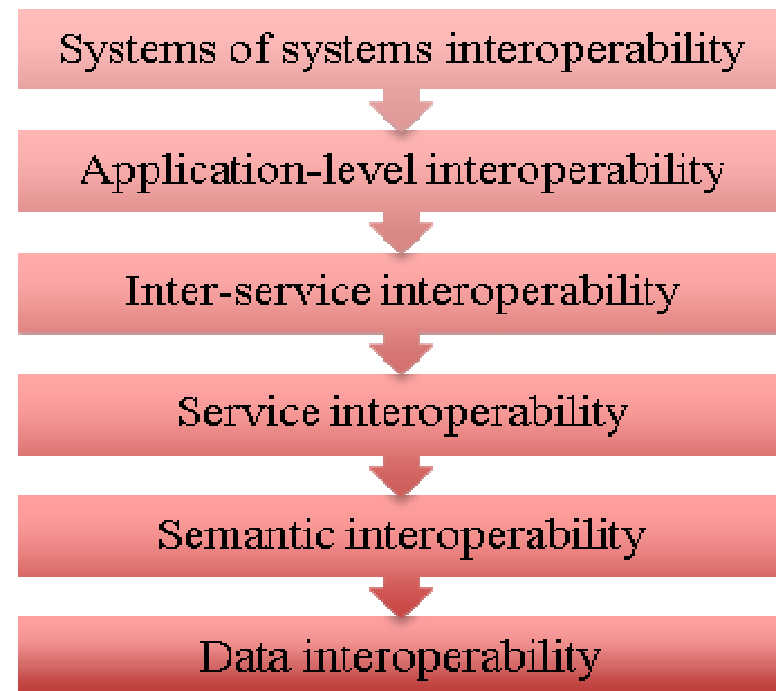
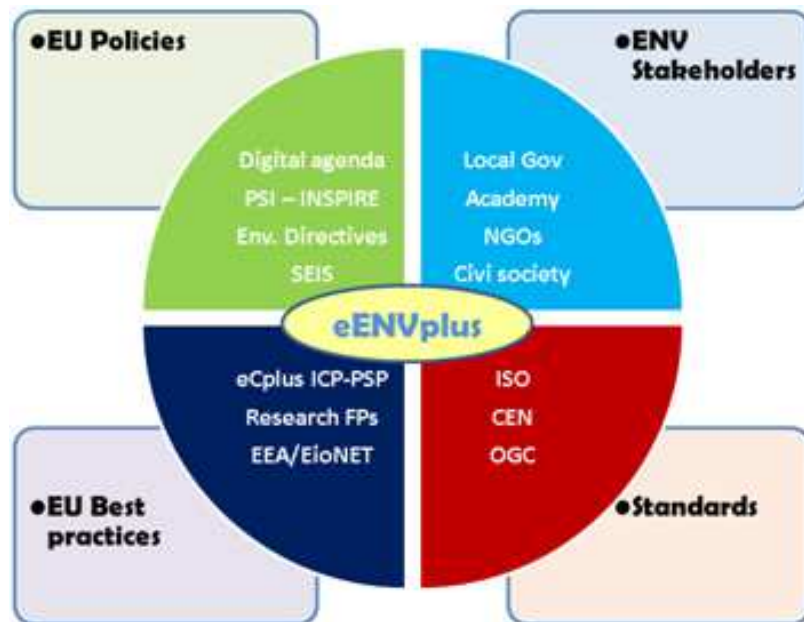
eENVplus - eEnvironmental services for advanced applications within INSPIRE

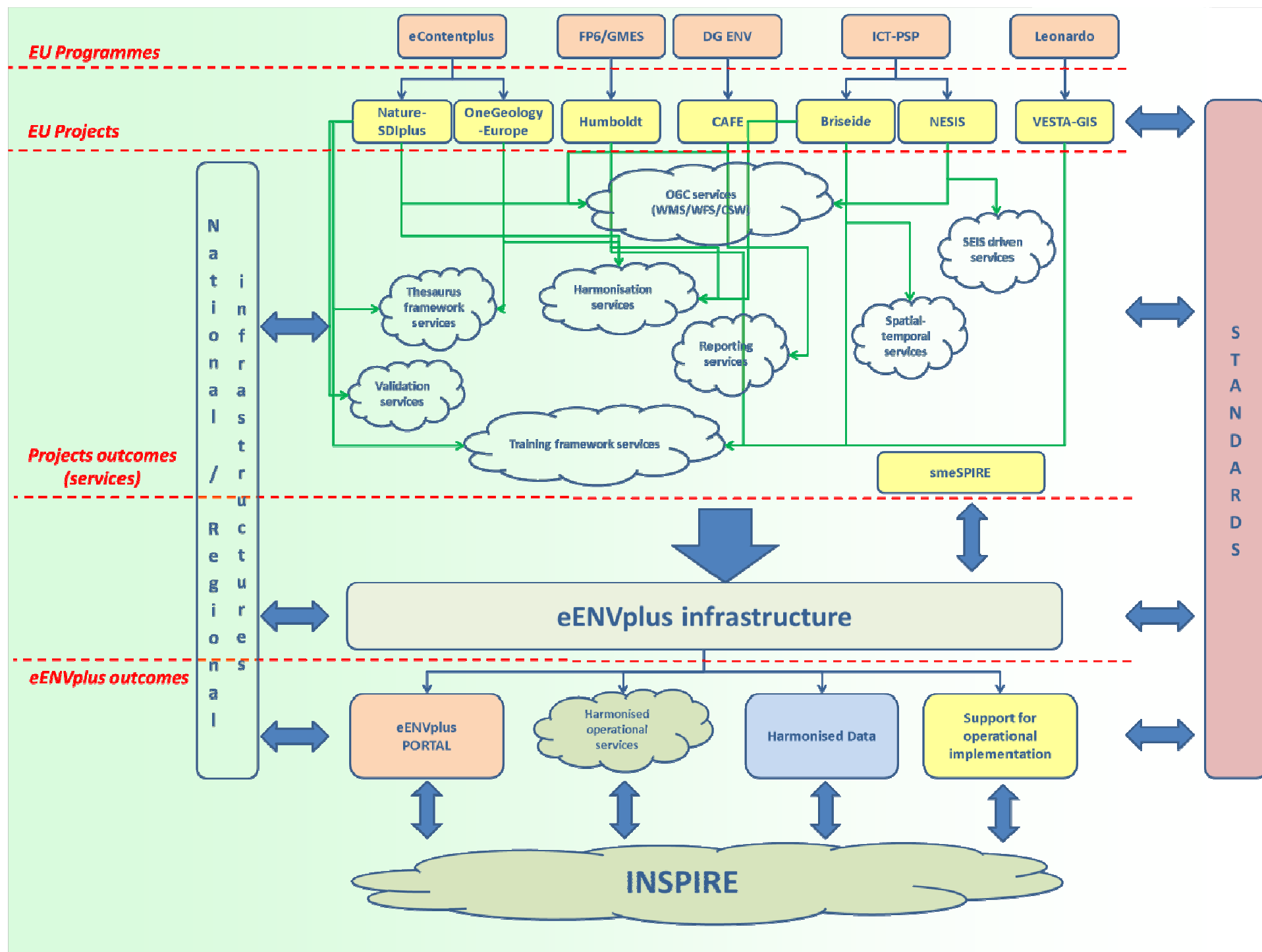
CIP - Pilot Actions
Grant agreement no: 325232
Starting date: 01 January 2013

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Key objective

- to support INSPIRE and SEIS implementation
- through deployment and integration of value-added eEnvironment services
- available at national level and through past/on-going key EC-funded project
- eENVplus provides Members State and the GI Communities, with tools addressing a **multi-level interoperability stack**:





eENVplus -- more in presentation --

The eENVplus Service and Infrastructure

European projects background



- **NESIS** - A Network to enhance a European Environmental Shared and Interoperable Information System (ICT PSP project)
- **NATURE-SDIplus** - Best Practice Network for SDI in Nature Conservation (eContentplus project)
- **BRISEIDE** - Bridging services, information and data for Europe (ICT PSP project)
- **OneGeology Europe** - Making digital geological spatial data more easily discoverable, accessible and useable
- **HUMBOLDT** - Towards the Harmonisation of Spatial Information in Europe (FP6 GMES project)
- **CAFE** - Development and demonstration of technical IT solutions for data exchange and reporting under the CAFE Directive using INSPIRE services”
- **VESTA-GIS** - Development of a training infrastructure (LdV)



■ National Agencies:

- Environmental Agencies: **VMM (BE)**, ISPRA (IT), CENIA (CZ), SAZP (SK), MRD (HU) with support of GEO (HU); moreover, EPSILON in close cooperation with GR EA
- Mapping Agencies: DGT (PT), NLSI (IC, in close cooperation with IC EA)
- Thematic Agencies: Geological (GeoZS, SLO), Nature (ATEN, FR)

■ **Technical partners:** CNR-IMATI, Epsilon, Sinergis, Graphitech, disy, EPSIT, PKH

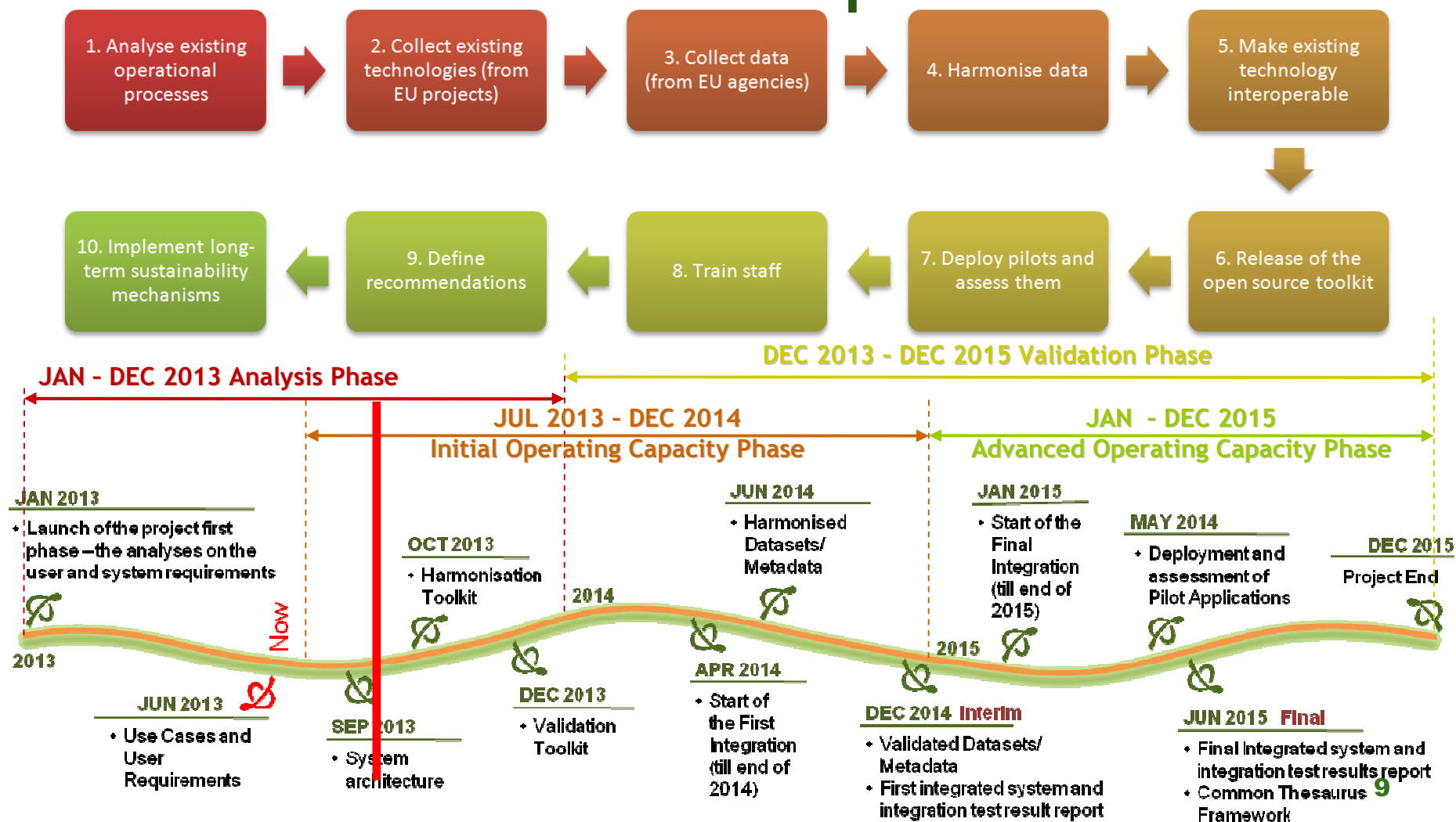
■ **University:** GEO

■ **Standardization Body:** GIST (Secretary of CEN TC/287 Geographical Information)

■ **European Association:** GISIG (eENVplus Coordinator)

19 partners from 12 countries

Macro-actions foreseen by eENVplus and Road Map



Pilots / Scenarios / Use Cases

- In 10 pilots, 9 Scenarios, 3 cross-border
- Pilots: the actual implementation of the scenarios in a geographical area
- Scenarios: the different use cases considered by eENVplus, which the applications correspond to
- Use Case: a methodology used in system analysis to identify, clarify, and organize system and user requirements

	Scenario Title	ENV Aspect	Pilots
EP01	Implementation of a SEIS for air quality data	Air Quality	BELGIUM
EP02	Offering examples on how the eENVplus outcomes can be utilized in a variety of different situations (ENV aspects) and users' needs		
EP03	Providing INSPIRE compliance access to utility services: the case of sewerage	Water	BELGIUM
EP04	Providing streamline of the tools available to the project into the main flow of INSPIRE compliance	Environmental Risk (Geohazard)	CZECH REPUBLIC / SLOVAKIA
EP05	Proposing interoperability among the applications (existing or planned)	Nature Conservation	FRANCE
EP06	to create a more complete thematic (integration among complementary issues) or regional example (integration among cross-border cases)		IRELAND
EP09	Geological Map Harmonization	Environmental Risk (Geohazard)	ITALY / SLOVENIA
EP10	Urban Landuse Planning: INSPIRE'd land use planning Indicators to monitor good urban planning practices	Ecological Landuse Planning	PORTUGAL

eENVplus -- more in presentation --

Application scenarios

Underlying content, INSPIRE data Themes

- various National datasets related to many INSPIRE Annex I-II-III Data Themes, datasets are made available for eENVplus (some are under IPR, many are Open Data)

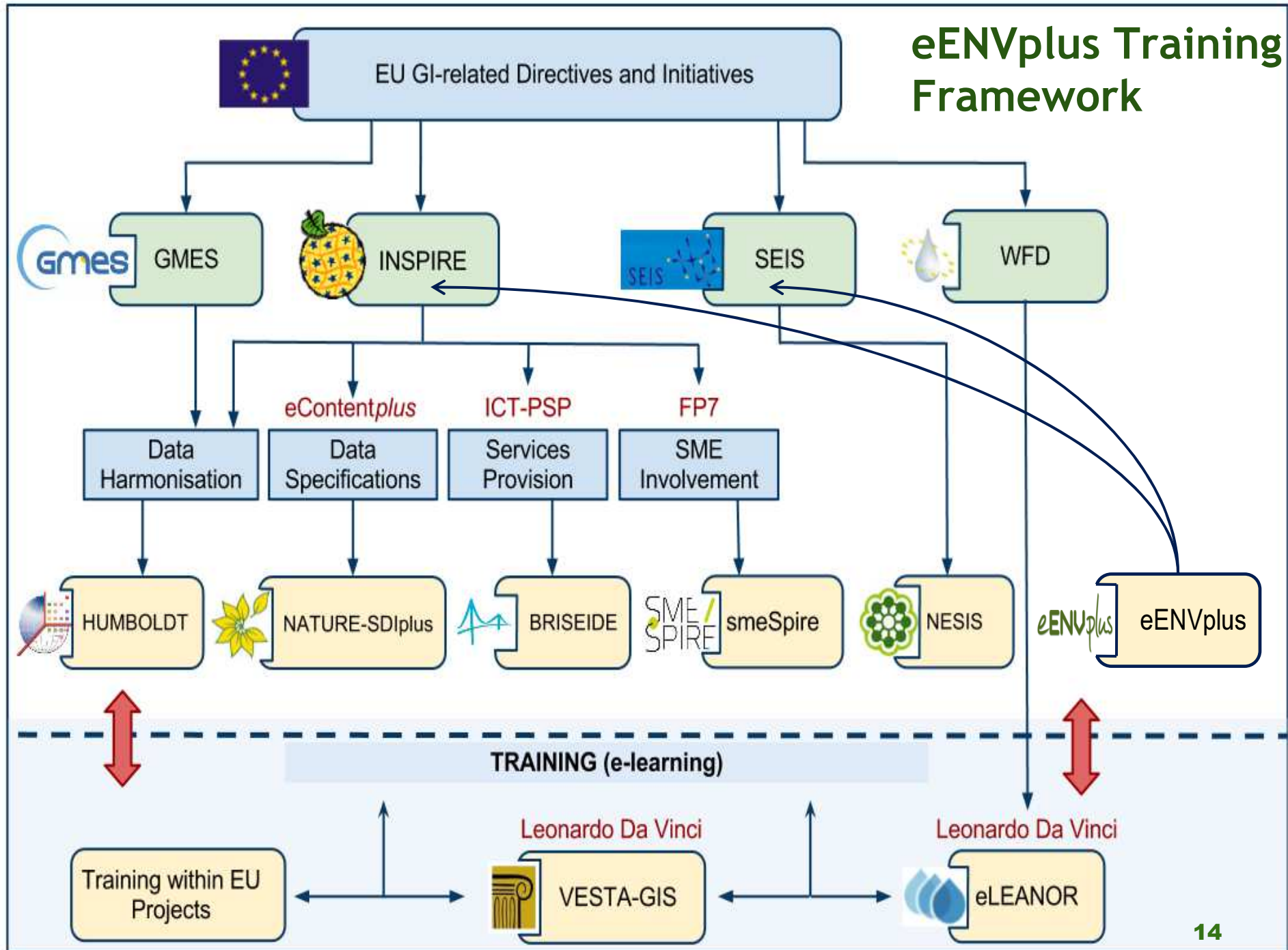
Pilot Applications: EP01 EP02 EP03 EP04 EP05 EP06 EP07 EP08 EP09 EP10										
ANNEX I										
1. RS: Coordinate reference systems										
4. AU: Administrative units										
6. CP: Cadastral parcels										
8. HY: Hydrography										
9. PS: Protected sites										
ANNEX II										
2. LC: Land cover										
3. Ol: Orthoimagery										
4. GE: Geology										
ANNEX III										
1. SU: Statistical units										
4. LU: Land use										
5. HH: Human health and safety										
6. US: Utility and governmental services										
7. EF: Environmental monitoring facilities										
8. PF: Production and industrial facilities										
11. AM: Area mng/rest/reg zones & rep. units										
12. NZ: Natural risk zones										
13. AC: Atmospheric conditions										
14. MF: Meteorological geographical features										
17. BR: Bio-geographical regions										
18. HB: Habitats and biotopes										
19. SD: Species distribution										



-- more in the section --

Harmonization and Validation

eENVplus Training Framework



Thanks for your
interest in eENVplus !

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GISIG - eENVplus Coordinator