

Data sets ANNEX I

Theme <sup>1</sup>		Data set <sup>2</sup>	Organisation responsible	Scale/resolution	Metadata (N/Y/ISO) <sup>3</sup>	Can be discovered, viewed, downloaded <sup>4</sup>
I-1	Coordinate Reference Systems <sup>5</sup>	Entry into force of the RGF93 which is the French realisation of the ETRS89 by March 2009 (see décret 2006-272 of 3 March 2006)	IGN <sup>6</sup>	N/A	under consideration	1,2 (control points)
I-3	Geographical names	BD NYME® (part of the topographic layer of the RGE <sup>7</sup> )	IGN	1 km and 10 m	under construction	1,2 (online search possible)
		TOPONYMIE	< 2 m	SIGU/Ville du Havre	ISO	1,2
I-4	Administrative units (local, regional and national boundaries)	BD TOPO® (topographic layer of the RGE)	IGN	1:10 000 / 2 m	ISO	1,2
		BD CARTO®	IGN	1:100 000 / 15 meters	ISO	1,2
		EuroBoundaryMap	IGN / EuroGeographics	1 : 100 000 and 1 : 1 000 000	ISO	1
		COMMUNE	SIGU/Ville du Havre	< 5 m	ISO	1,2
I-5	Addresses	BD ADRESSE® (address layer of the RGE)	IGN	1:10 000 / 2 m	under construction	
		PLAQUE ADRESSE	SIGU/Ville du Havre	< 2 m	ISO	1,2

<sup>1</sup> See also description of the data themes in document D2.3 Definition of Annex Themes and Scope (<http://www.ec-gis.org/INSPIRE>)

<sup>2</sup> Name the data set. Can be a database with multiple layers and thus including several themes, or a specific data set which covers part of a theme (e.g. Natura 2000), you can also have several data sets with the same information at different scales/resolutions. Please only include only the 'basic' data sets (e.g. generalised versions derived from large scale base data sets should not be included)

<sup>3</sup> Indicate whether the data set has no metadata (N), metadata but not according to the ISO 19115 standard (Y), or metadata according to ISO 19115 (ISO).

<sup>4</sup> Can the data set be discovered (1), viewed (2), downloaded (3) through at least one such standardised service? Indicate this using the numbers (1,2,3)

<sup>5</sup> This is of course not necessarily a real data set.

<sup>6</sup> The mission of IGN is fixed by the French décret 2004-1246 of 22 November 2004 art. 1 II

<sup>7</sup> RGE (Référentiel à Grande Echelle) defined in the French arrêté of 19 April 2005 is the national large scale reference frame.

			Havre			
I-6	Cadastral parcels	BD PARCELLAIRE® (cadastral parcel layer of the RGE)	IGN	1:250 to 1:15 000	ISO	1,2,3
I-7	Transport networks (road, rail, air, water and links between networks)	BD TOPO® (topographic layer of the RGE)	IGN	1:10 000 / 2 m	ISO	1,2
		BD CARTO®	IGN	1:100 000 / 15 meters	ISO	1,2
		EuroRegionalMap	IGN / EuroGeographics	1:250 000	ISO	1,2
		EuroGlobalMap	IGN / EuroGeographics	1:1 000 0000	ISO	1,2
		- VOIE_RESEAU (NOEUD + TRONCON) - VOIE_SURFACIQUE	SIGU/Ville du Havre	< 1 m	ISO	1,2
		Road and rail networks <a href="http://adelle.application.equipement.gouv.fr/saisieRecherche.do?choixListeCategorie=96&amp;action=Rechercher">http://adelle.application.equipement.gouv.fr/saisieRecherche.do?choixListeCategorie=96&amp;action=Rechercher</a>	MEDAD	See metadata	ISO	
		Littoral footpath	1 :10 000	MEDAD/DGUHC	Y/ISO	1,2, WFS
I-8	Hydrography (including marine areas, all water bodies, river basins, etc.)	Masses, d'eau, Bdrhfv1	MEDAD	1/50.000	ISO	1,2,3
		BD CARTHAGE	MEDAD-IGN	1:100 000 / 15 meters	ISO	1,2,3
		BD TOPO® (topographic layer of the RGE)	IGN	1:10 000 / 2 m	ISO	1,2
		Include in : HABILLAGE_SURFACIQUE et HABILLAGE_LINEAIRE	SIGU/Ville du Havre  SIGU/Ville du Havre	< 1 m  < 1 m	ISO  ISO	1,2  1,2

		Hydrographie du Gers	Pole Géomatique CCI Gers, DDAF 32	1: 500 000	ISO	2
		Water salinity	1 :25 000	MEDAD/DGUHC	Y	1,2,WMS
I-9	Protected sites (designated by national, EU or international legislation)	Protected sites Water, Nature, Sites	MEDAD ( Diren)	1 :50.000, 1 :25.000 ou 1 :10.000 selon les cas	Y (sometimes ISO)	1,2,3

Data sets ANNEX II						
Theme <sup>8</sup>	Data set <sup>9</sup>	Scale/resolution	Organisation responsible	Metadata (N/Y/ISO) <sup>10</sup>	Can be discovered, viewed, downloaded <sup>11</sup>	
II-1	Elevation (land, ice and ocean surfaces; terrestrial elevation, bathymetry, shoreline)	BD ALTI® (part of the topographic layer of the RGE)	25 m	IGN	ISO	1,2,3
		MNT MNE		SIGU/Ville du Havre SIGU/Ville du Havre	Y Y	
		Reference3D	1 seconde d'arcie +/- 30m at equator	Spot Image / IGN	ISO	2
		MNT Gers	Départementale /15m	Pole Géomatique CCI Gers	Y	1
		Intertidal zone	1 :25000	MEDAD/DGUHC	Y	1,2,WMS
II-2	Land cover (physical and biological)	Base cartographique IFN : types de formations végétales	1/25 000	IFN	Y	(2) vue ( <a href="http://www.ifn.fr/spip/rubrique.php3?id_rubrique=67">http://www.ifn.fr/spip/rubrique.php3?id_rubrique=67</a> )
II-2		Corine Land Cover	1/50.000	IFEN-MEdad	ISO	1,3
		Littoral survey IPLI 1977 IPLI 1982	1 :25 000	MEDAD/DGUHC	Y/ISO	1,2,WMS

<sup>8</sup> See also description of the data themes in document D2.3 Definition of Annex Themes and Scope (<http://www.ec-gis.org/INSPIRE>)

<sup>9</sup> Name the data set. Can be a database with multiple layers and thus including several themes, or a specific data set which covers part of a theme (e.g. Natura 2000), you can also have several data sets with the same information at different scales/resolutions. Please only include only the 'basic' data sets (e.g. generalised versions derived from large scale base data sets should not be included)

<sup>10</sup> Indicate whether the data set has no metadata (N), metadata but not according to the ISO 19115 standard (Y), or metadata according to ISO 19115 (ISO).

<sup>11</sup> Can the data set be discovered (1), viewed (2), downloaded (3) through at least one such standardised service? Indicate this using the numbers (1,2,3)

II-3	Orthoimagery (geo-referenced image data)	Orthophotoplan IRC départementaux	1/17 000	IFN	N	
		BD ORTHO® (orthophotographic layer of the RGE)	50 cm	IGN	ISO	1,2,3
		ORTOPHOTOPLAN_2006	20 cm	SIGU/Ville du Havre	Y	2
		Reference3D	+/- 5m	Spot Image / IGN	ISO	2
		Spot Maps	2,5m color	Spot Image	ISO	3
		Orthophotographie du Gers	/ 0,5 m	Pole Géomatique CCI Gers	ISO	1
		Maquettes 3D Gers	/0,5m		N	1
		Littoral Orthoimagery	1:5000	MEDAD/DGUHC	Y/ISO	1,2,WMS
II-4	Geology (including bedrock, aquifers and geomorphology)	Geologic map BD RHF BD BSS	1/50 000 1/250 000 1/1 000 000	BRGM	ISO	Discovery, view
		CAVITE_PONCTUELLE CAVITE_ZONALE	< 10 m	DIRM/CODAH	Y	

Data sets ANNEX III						
Theme <sup>12</sup>	Data set <sup>13</sup>	Scale/resolution	Organisation responsible	Metadata (N/Y/ISO) <sup>14</sup>	Can be discovered, viewed, downloaded <sup>15</sup>	
III-1	Statistical units (for dissemination or use of statistical data)					
III-2	Buildings (geographical location of buildings)	BD PARCELLAIRE® (cadastral parcel layer of the RGE)	1:250 to 1:15 000	IGN	ISO	1,2
		BD TOPO® (topographic layer of the RGE)	IGN	1:10 000 / 2 m	ISO	1,2
		BATIMENT BATI_3D	< 0.5m < 1 m	SIGU/Ville du Havre SIGU/Ville du Havre	ISO Y	1,2
III-3	Soil (and sub-soil characteristics)					
III-4	Land use (e.g. residential, industrial, commercial,	OCCUPATION_SOL PLU	< 1 m <2m	SIGU/Ville du Havre Urbanisme/Ville du Havre	ISO Y	1,2
		Vineyard, Wood	Départementale	Pole Géomatique CCI Gers,	ISO	2

<sup>12</sup> See also description of the data themes in document D2.3 Definition of Annex Themes and Scope (<http://www.ec-gis.org/INSPIRE>)

<sup>13</sup> Name the data set. Can be a database with multiple layers and thus including several themes, or a specific data set which covers part of a theme (e.g. Natura 2000), you can also have several data sets with the same information at different scales/resolutions. Please only include only the 'basic' data sets (e.g. generalised versions derived from large scale base data sets should not be included)

<sup>14</sup> Indicate whether the data set has no metadata (N), metadata but not according to the ISO 19115 standard (Y), or metadata according to ISO 19115 (ISO).

<sup>15</sup> Can the data set be discovered (1), viewed (2), downloaded (3) through at least one such standardised service? Indicate this using the numbers (1,2,3)

				DDAF 32		
		Town planning <a href="http://adelie.application.equipement.gouv.fr/saisieRecherche.do?choixListeCategorie=93&amp;action=Rechercher">http://adelie.application.equipement.gouv.fr/saisieRecherche.do?choixListeCategorie=93&amp;action=Rechercher</a>	MEDAD/DGUHC	See metadata (most at commune or cadastral scales)	ISO	1,2, CSW
		Easements <a href="http://adelie.application.equipement.gouv.fr/saisieRecherche.do?choixListeCategorie=91&amp;action=Rechercher">http://adelie.application.equipement.gouv.fr/saisieRecherche.do?choixListeCategorie=91&amp;action=Rechercher</a>	MEDAD <sup>16</sup>	See metadata	ISO	1,2, sometimes 3
III-5	Human health and safety (see full description in Annex)					
III-6	Utility and governmental services (sewage, waste management, energy, etc.)	Base de données « SohoSolo »  Données Villages d'accueil	Départementale	Pole Géomatique CCI Gers	ISO	2
III-7	Environmental monitoring facilities (emissions, ecosystem parameters)	forest regions = large geographical areas based on natural conditions that are appropriate for studying forest resources. Each unit has some homogeneous natural conditions such as landscape type, forests stands, soil and climate conditions.				3 <a href="http://www.ifn.fr/spip/article_special.php3?id_article=134">http://www.ifn.fr/spip/article_special.php3?id_article=134</a>
III-7		Stations de mesure sur l'eau	1 : 25 000	MEDAD	N	2

<sup>16</sup>ADELIE is the French MEDAD catalog for geo-localized datasets. The followings tables are completed with URL executing a search operation in the catalog for the given theme. The ISO TopicCategory is a key used in ADELIE for search operations.

Because of the lack of congruence between ISO and INSPIRE annexe's themes, it is difficult to give good responses for this particular State of play.

III-7		Air Quality	1 : 100 000	MEDAD	N	2,3
III-7		Old industrial or facilities sites (BASIAS)		MEDAD-BRGM	Y	1,2,3
III-8	Production and industrial facilities (water abstraction, mining, storage sites)	IPPC	1 : 25 000	MEDAD	ISO	2
		« Pyred » database for trans-boundaries cooperation Economic development zones in Gers	Transfrontalier Départementale	Pole Géomatique CCI Gers	ISO	2 1
III-8		EPER	1:25 000	MEDAD	ISO	1,2,3
III-9	Agricultural and aquacultural facilities	aquacultural zones (at sea)	1 :25 000	MEDAD/DGUH C	Y	1,2,WMS
III-10	Population distribution - demography					
III-11	Area management / restrictions / regulation zones / reporting units	Regulation zones for water, nature or landscape	MEDAD et Diren	1/50.000, 1/25.000 ou 1/10.000 selon les cas	Y (ISO sometimes)	1,2,3
		Observatoire des territoires zonages <sup>(17)</sup>	1 :25 000	DIACT, DGHUC, DGMT, DIV, DGCL, ETD	Y	1,2,3

<sup>17</sup> Aire urbaine | Contrat d'agglomération | Contrat de pays | Contrat de ville | Etablissement public de coopération intercommunale | Parc naturel régional | Pays | Périmètre de transports urbains | Plan local d'urbanisme | Programme local de l'habitat | Schéma de cohérence territoriale | Zone de revitalisation rurale | Zone urbaine sensible

III-12	Natural risk zones (e.g. atmospheric, hydrologic, seismic, volcanic, wildfire)	Flood, landslide of various sorts, seismic, avalanche	MEDAD & BRGM	1:25 000	ISO	1,2,3 <a href="http://cartorisque.prim.net">http://cartorisque.prim.net</a> <a href="http://ogcpublic.brgm.fr/risques">http://ogcpublic.brgm.fr/risques</a>
		PERIMETRE_RISQUE_NATUREL	< 10 m	DIRM/CODAH	Y	
		Flood atlas, communes at natural risks, planning of public actions <a href="http://adelie.application.equipement.gouv.fr/saisieRecherche.do?choixListeCategorie=90&amp;action=Rechercher">http://adelie.application.equipement.gouv.fr/saisieRecherche.do?choixListeCategorie=90&amp;action=Rechercher</a> or <a href="http://adelie.application.equipement.gouv.fr/saisieRecherche.do?choixListeCategorie=85&amp;action=Rechercher">http://adelie.application.equipement.gouv.fr/saisieRecherche.do?choixListeCategorie=85&amp;action=Rechercher</a>	MEDAD	See metadata	ISO	
III-13	Atmospheric conditions	1-Parameters of the clouds deduced from Polder-Parasol 2-Parameters of the aerosols deduced from Polder-Parasol 3-Vertical profiles of the properties of the clouds deduced from Calipso 4-Vertical profiles of the properties of the aerosols deduced from Calipso 5- Parameters of the aerosols above the seas deduced from MSG	10 km par pixel 10 km par pixel 300 m 300 m 2 km par pixel	thematic pole ICARE (CNES)	Not known for all	3 for all
III-14	Meteorological geographical features (weather conditions, measurements)	climatological database <a href="http://climatheque.meteo.fr/">http://climatheque.meteo.fr/</a>	Météo-France	point based	Y	2,3

III-15	Oceanographic geographical features (currents, salinity, wave heights, etc.)	Oceanographic operational data (quite real-time) : Satellite data (altimetry); data from 3D dynamic global Oceanographic model for analyse and forecast (streams, temperature, salinity and one tenth of physical parameters describing high sea)	CLS	1/3° 1/2° 1/6° 1/4° 1/8°	ISO	<a href="http://las.aviso.oceanobs.com/las/servlets/dataset">http://las.aviso.oceanobs.com/las/servlets/dataset</a> <a href="http://atoll-motu.aviso.oceanobs.com/?action=listcatalog&amp;service=Aviso_dt">http://atoll-motu.aviso.oceanobs.com/?action=listcatalog&amp;service=Aviso_dt</a> <a href="http://las.mercator-ocean.fr">http://las.mercator-ocean.fr</a> & <a href="http://atoll-motu.mercator-ocean.fr/">http://atoll-motu.mercator-ocean.fr/</a> (protected access : write to <a href="mailto:products@mercator-ocean.fr">products@mercator-ocean.fr</a> ) + discover and download service announced in april of 2008
III-16	Sea regions (physical conditions of seas and saline water bodies)					
III-17	Bio-geographical regions (areas with homogeneous ecological conditions)					
III-18	Habitats and biotopes (geographical areas for specific ecological conditions)	Habitats Natura 2000	Diren	1/10.000		
III-19	Species distribution (geographical boundaries for animal and plant species)					
III-20	Energy resources (hydrocarbons, hydro-energies)	Carte régionale de potentiel géothermique, en production	BRGM			

	hydro-power, bio-energy, solar, wind, etc.)					
III- 21	Mineral resources (metal ores, industrial minerals depth/height)	Ressources minières en France	BRGM	1/500 000 à 1/100 000	Y	<a href="http://sigminesfrance.brgm.fr/">http://sigminesfrance.brgm.fr/</a>