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## EECS RULES FACT SHEET 16

### GEOGRAPHICAL COORDINATES

This Fact Sheet sets out the Geographical Map Location Coordinate Standards which are employed in each domain.

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Reason for Release	Changes Elering, Estonia
Author	Secretariat

## VERSION HISTORY

The version history contains the ten most recent releases.

Release	Date	Creator	Reason for Release
2.21	20 January 2020	Phil Moody	Addition of DAPEEP (Greece)
2.22	29 July 2020	Phil Moody	Correction of REN (Portugal)
2.23	10 November 2020	Liesbeth Switten	Correction of EMS (Serbia), addition of AST (Latvia)
2.24	4 January 2021	Liesbeth Switten	Correction of AST (Latvia)
2.25	25 October 2022	Svenja Vloeberghs	Addition MEKH (Hungary)
3.00	20 January 2023	Svenja Vloeberghs	Lay-out changes; changes Statnett – Norway, VertiCer - Netherlands
3.01	15 February 2023	Svenja Vloeberghs	Name correction E-Control Austria
3.02	30 May 2023	Svenja Vloeberghs	Changes GSE (Italy); addition MEKH (Hungary)
3.03	28 June 2023	Svenja Vloeberghs	Changes Energimyndigheten (Sweden): add English name
3.04	29 September 2023	Svenja Vloeberghs	Include Conexus (Latvia), changes DAPEEP (Greece)
3.05	13 February 2024	Bram van der Heijde	Changes DAPEEP (Greece), Enagas GTS (Spain)
3.06	01 Oct. 24	Secretariat	Change Brugel (Belgium)
3.07	09 Oct. 24	Secretariat	Change OTE, a.s.
3.08	12 Nov. 24	Secretariat	Change Elering, Estonia

Domain		Member		AIB Code	Geographical Map Location Coordinate Standards
Code	Name <sup>1</sup>	Name	Code		
AT	Austria	E-Control	12	FL-48 GK-28 GK-31 GK-34 WGS-84	<ul style="list-style-type: none"> <li>Fessl Lambert 48 (Austria)</li> <li>Gauß Krüger 28, 31 und 34 (Europe and global)</li> <li>WGS 84 (GPS-based, global)</li> </ul>
BE	Belgium (Federal)	CREG	43	-	<ul style="list-style-type: none"> <li>Geographic coordinates</li> </ul>
BEB	Belgium (Brussels)	Brugel	34	-	<ul style="list-style-type: none"> <li>Address of the production unit</li> </ul>
BEF	Belgium (Flanders)	VREG	29	-	<ul style="list-style-type: none"> <li>Address of production units (street and house number)</li> </ul>
BEW	Belgium (Wallonia)	SPW Energie	33	-	
CH	Switzerland	Pronovo	32	CH-1903	<ul style="list-style-type: none"> <li>Swiss coordinates (CH1903)</li> </ul>
CY	Cyprus	TSO-CY	21	WGS-84	<ul style="list-style-type: none"> <li>UTM WGS 84</li> </ul>
CZ	Czech Republic	OTE	22	- WGS-84	<ul style="list-style-type: none"> <li>Address of production units (country, city, postcode)</li> <li>WGS 84 (GPS-based, global)</li> </ul>
DE	Germany	UBA	38	ETRS-89	<ul style="list-style-type: none"> <li>ETRS 89</li> </ul>
DK	Denmark	Energinet	02	ETRS-89	<ul style="list-style-type: none"> <li>ETRS 89</li> </ul>
EE	Estonia	Elering	23	ETRS-89 WGS-84	<ul style="list-style-type: none"> <li>Address of the production units</li> </ul>
ES	Spain	CNMC	42	-	<ul style="list-style-type: none"> <li>Address of production units (country, city, postcode)</li> </ul>
ES	Spain	Enagas GTS	54	WGS-84	<ul style="list-style-type: none"> <li>Address of production units (country, city, postcode)</li> <li>WGS 84</li> </ul>
FI	Finland	FinExtra	41	WGS-84	<ul style="list-style-type: none"> <li>WGS 84</li> </ul>

<sup>1</sup> Countries in grey italics have no EECS Issuing Body

Domain		Member		AIB Code	Geographical Map Location Coordinate Standards
Code	Name <sup>1</sup>	Name	Code		
FR	France	EEX	35	RGF-93	<ul style="list-style-type: none"> <li>• RGF93</li> </ul>
<i>GB</i>	<i>United Kingdom</i>	<i>Not appointed</i>	<i>10</i>	-	
GRI	Greece	DAPEEP	28	-	<ul style="list-style-type: none"> <li>• Address of production units (country, location, municipality, regional unit, ZIP) or GPS coordinates (WGS-84 or GGRS-87)</li> </ul>
HR	Croatia	HROTE	40	-	<ul style="list-style-type: none"> <li>• Address of production units (street and house number)</li> <li>• Geographic coordinates</li> </ul>
HU	Hungary	MEKH	24	-	<ul style="list-style-type: none"> <li>• Address of the devices</li> </ul>
IE	Ireland	SEMO	39	- IGRS	<ul style="list-style-type: none"> <li>• Address of production units (country, county, city, street and house number)</li> <li>• Irish grid reference system (either latitude/longitude or easting/northing)</li> </ul>
IS	Iceland	Landsnet	37	ISN-93	<ul style="list-style-type: none"> <li>• ISN93</li> </ul>
IT	Italy	GSE	06	WGS-84	<ul style="list-style-type: none"> <li>• WGS 84</li> </ul>
LT	Lithuania	Litgrid AB	27	ETRS-89 WGS-84	<ul style="list-style-type: none"> <li>• ETRS 89</li> <li>• WGS 84</li> </ul>
LU	Luxembourg	ILR	36	WGS-84	<ul style="list-style-type: none"> <li>• WGS 84</li> </ul>
LV	Latvia	AST	25	WGS-84	<ul style="list-style-type: none"> <li>• WGS 84</li> </ul>
		Conexus	55	WGS-84	<ul style="list-style-type: none"> <li>• Address of production devices</li> <li>• Geographical coordinates WGS 84</li> </ul>
<i>MT</i>	<i>Malta</i>	<i>Not appointed</i>	<i>26</i>	-	
NL	Netherlands	VertiCer	07	RDC ETRS-89	<ul style="list-style-type: none"> <li>• On-shore: Rijksdriehoekskoördinaten (RD-coördinaten)</li> <li>• Offshore: ETRS 89</li> </ul>
NO	Norway	Statnett	08	WGS-84	<ul style="list-style-type: none"> <li>• WGS-84</li> </ul>
<i>PL</i>	<i>Poland</i>	<i>Not appointed</i>	<i>18</i>	-	

Domain		Member		AIB Code	Geographical Map Location Coordinate Standards
Code	Name <sup>1</sup>	Name	Code		
PT	Portugal	REN	19	WGS-84	<ul style="list-style-type: none"> <li>• Address of production devices</li> <li>• Geographical coordinates WGS 84 (decimal degrees)</li> </ul>
RS	Serbia	EMS	47	WGS-84	<ul style="list-style-type: none"> <li>• Address of production devices</li> <li>• Geographical coordinates WGS84 (not for all PD)</li> </ul>
SE	Sweden	Energimyndigheten / The Swedish Energy Agency	52	- - WGS-84 SWEREF-99 RT-90	<ul style="list-style-type: none"> <li>• On-shore: Property designation, postal code and city</li> <li>• Offshore: Geographic coordinates</li> <li>• Geographical coordinates shall be given in one of the following formats: WGS 84, SWEREF 99 or RT90.</li> </ul>
SI	Slovenia	Energy Agency	17	-	<ul style="list-style-type: none"> <li>• Address of production units (street and house number)</li> </ul>
SK	Slovakia	OKTE	20	WGS-84	<ul style="list-style-type: none"> <li>• Address of production units (street, land registry number, street number, ZIP code, city, country)</li> <li>• WGS-84</li> </ul>

Geographical Map Location Coordinate Standard	AIB Code	Domains
Not known	-	
Address of production units (street and house number)	-	BEF, HR, SI
Address of production units (country, city and postcode)	-	ES, CZ
Address of production units (country, county, city, street and postcode)	-	IE
Address of production units (street, land registry number, street number, ZIP code, city, country)	-	SK
Address of production units (country, location, municipality, regional unit, ZIP)	-	GR
ETRS 89	ETRS-89	DE, DK, EE, LT, NL
Fessl Lambert 48	FL-48	AT
Gauss Kruger 28	GK-28	AT
Gauss Kruger 31	GK-31	AT
Gauss Kruger 34	GK-34	AT
Geographic coordinates	-	BE, HR
Greek Geodetic Reference System 1987	GGRS-87	GR
GIS database (Geographical Information systems)	GIS	NO
Irish Grid Reference System (latitude/longitude or easting/northing)	IGRS	IE
Islands Net 93	ISN-93	IS
MGRS (Military Grid Reference System)	MGRS	NO
RGF 93	RGF-93	FR
Rijksdriehoekscoördinaten	RDC	NL
Swedish grid (Rikets Nät)	RT-90	SE
Swedish Reference Frame 99	SWEREF-99	SE
Swiss coordinates (CH1903)	CH-1903	CH
WGS 84 (GPS-based, global)	WGS-84	AT, CY, CZ, EE, ES, FI, GR, IT, LT, LU, LV, NO, PT, SK, RS