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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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|--------------------|------------------------------|
| Document Reference | AIB-EECS-FS16                |
| Version Number     | 3                            |
| Release            | 3.11                         |
| Date of Release    | 09 December 2025             |
| Reason for Release | Changes Amber Grid, Finextra |
| 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                                            |
| 3.09    | 11 Jun. 25        | Secretariat         | Change MEKH, Hungary                                               |
| 3.10    | 15 Jul. 25        | Secretariat         | Change MEKH, Hungary                                               |
| 3.11    | 09 Dec. 25        | Secretariat         | Change Finextra Finland, Amber Grid Lithuania                      |

| Domain |                    | Member      |      | AIB Code                                   | Geographical Map Location Coordinate Standards                                                                                                                            |
|--------|--------------------|-------------|------|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code   | Name <sup>1</sup>  | Name        | Code |                                            |                                                                                                                                                                           |
| AT     | Austria            | E-Control   | 12   | FL-48<br>GK-28<br>GK-31<br>GK-34<br>WGS-84 | <ul style="list-style-type: none"> <li>Fessler 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   | -<br>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<br>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>                                                                                                                                                             |
| GB     | United Kingdom    | Not appointed | 10   | -                 |                                                                                                                                                                                                                     |
| 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   | -<br>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         | AB Amber Grid | 56   | -                 | <ul style="list-style-type: none"> <li>Address of production devices</li> </ul>                                                                                                                                     |
| LT     | Lithuania         | Litgrid AB    | 27   | ETRS-89<br>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>                                                                                            |
| MT     | Malta             | Not appointed | 26   | -                 |                                                                                                                                                                                                                     |
| NL     | Netherlands       | VertiCer      | 07   | RDC<br>ETRS-89    | <ul style="list-style-type: none"> <li>On-shore: Rijksdriehoekscoördinaten (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>                                                                                                                                                            |

| Domain |                   | Member                                              |      | AIB Code                               | Geographical Map Location Coordinate Standards                                                                                                                                                                                                                |
|--------|-------------------|-----------------------------------------------------|------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code   | Name <sup>1</sup> | Name                                                | Code |                                        |                                                                                                                                                                                                                                                               |
| PL     | Poland            | Not appointed                                       | 18   | -                                      |                                                                                                                                                                                                                                                               |
| 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 /<br>The Swedish Energy<br>Agency | 52   | -<br>-<br>WGS-84<br>SWEREF-99<br>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                                                         |
| Rijksdriehoekskoördinaten                                                                          | 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 |

### Geographical Aggregation of GOs issued for small Production Devices

For Production Devices with a capacity of 50 kW or less, EECS Certificates may be issued for an aggregation of Production Devices, per capacity category, year of commissioning and type of support.

The geographical code on the GOs indicating the location for such group of aggregated small production devices, represents the following region in the following countries:

| Domain  | Member | Meaning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hungary | MEKH   | <p>In the case of aggregation of production devices <math>\leq 50\text{kW}</math> in Hungary, the address of production units will be the address of the headquarters of the Distribution System Operator (6 DSOs).</p> <p>EDASZ – 9027 Győr, Kandó Kálmán utca 11-13.<br/> DEDASZ – 7626 Pécs, Búza tér 8/A.<br/> ELMHE – 1117 Budapest, Hengermalom út 18.<br/> EMAHE – 3525 Miskolc, Dózsa György út 13.<br/> DEMHE – 6724 Szeged, Pulz utca 44.<br/> TITASZ - 4024 Debrecen, Kossuth Lajos utca 41.</p> |