## Version management and approval

<table>
<thead>
<tr>
<th>Nr</th>
<th>Date</th>
<th>Changes</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1</td>
<td>26-05-2003</td>
<td>Circulated draft</td>
<td>Arvid Lillethun, Sheila Cryan, Jan Bliki, Thor Jessen, Mette Lund</td>
</tr>
<tr>
<td>0.9</td>
<td>07-06-2004</td>
<td>Update and removal of sections, restructure of document, review comments from Andrus Meiner, Chris Steenmans and Tim Haigh</td>
<td>Mette Lund, Thor Jessen</td>
</tr>
<tr>
<td>1.0</td>
<td>22-07-2004</td>
<td>Corrections and edits of proof read version. Draft received from proof reading 10-06-2004</td>
<td>Mette Lund</td>
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<tr>
<td>1.0</td>
<td>26-07-2004</td>
<td>Review by programme manager Sigfús Bjarnason</td>
<td></td>
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<tr>
<td>1.0</td>
<td>20-08-2004</td>
<td>Corrections chapters 2 and 3 on coordinate reference systems and projections</td>
<td>Chris Steenmans</td>
</tr>
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<td></td>
<td></td>
<td>Sent to Senior Management Team.</td>
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<tr>
<td>1.2</td>
<td>18-02-2005</td>
<td>Minor corrections to the technical content</td>
<td>Mette Lund, Thor Jessen</td>
</tr>
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<td>1.3</td>
<td>20-06-2005</td>
<td>Corrections to the technical content chapter 3 “Working With Point Locations: Latitude/Longitude” and major revision of chapter 5 “Using Grids”. Chapter 5 reviewed by Andrus Meiner and Chris Steenmans. Corrections in “EEA general guidelines on coordinate reference systems” and “Specification of map extents by coordinates”.</td>
<td>Thor Jessen, Linda Bredahl</td>
</tr>
<tr>
<td>2</td>
<td>20-01-2006</td>
<td>Projections and extents for all map templates changed and adjusted to 52N10E (use of 52N20E stopped), Chapter 2 &amp; 6. Changes to EEA page layout had implications for map/legend sizes, Chapter 7.</td>
<td>Jon Jeppesen, Mette Lund</td>
</tr>
</tbody>
</table>
The content has been divided into two documents:

- ‘Guide for EEA map layout’
- ‘About the EEA reference grid’

Project manager: Brendan Killeen
Foreword

This guideline provides guidance on making maps using the EEA templates and background GIS data.

The target audience are the EEA in-house GIS operators making or re-producing maps for EEA reports or for the web. The secondary audience are the external experts preparing “ready-to-use” draft maps for EEA based on the EEA templates and background GIS data. Templates and data are available for Esri-applications only.

Any comments and questions can be forwarded using the web interface at https://community.eea.europa.eu/
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1. Map extents used by the EEA

The EEA has developed a set of agreed map extents to cover all ‘standard’ needs. The map extents are predefined in templates for ArcGIS. Templates and data can be downloaded from here: https://www.eea.europa.eu/data-and-maps/data/eea-mapdata-and-templates-gis-5

The EEA handles geographic data from many institutions and sources, and presents them as maps in different publications and on the web.

There are several benefits from the predefined templates:

- Harmonious appearances of maps;
- Map production is easier and more effective;
- Map sizes fit EEA standard layouts (see Chapter 2);
- It is easy to mix and reuse data from different productions;
- The map extents cover some 70-80% of the total needs for standard maps in reports and information material;

1.1. Coverage of map extents

The map extent series are defined according to east–west coverage:

- **Map Extent 1** EU+ EFTA
  
  This extent cannot be used anymore. Turkey MUST be visualised as a whole country
- **Map Extent 2** EU+ EFTA + candidate countries EEA coverage
- **Map Extent 3** Europe + Caspian and Aral Seas (ENP* East)
- **Map Extent 4** Europe + Caspian and Aral Seas + Canary Islands
- **Map Extent 5** Europe + Caspian and Aral Seas + North Atlantic + North Pole
- **Map Extent 6** Europe + Russia + Central Asia, narrow
- **Map Extent 7** Europe + Russia + Central Asia, wide
- **Map Extent 8** World
- **Map Extent 9a** Countries of the Mediterranean Sea region (ENP* South)
- **Map Extent 9b** Mediterranean and Black Seas
- **Map Extent 10** Europe + Central Asia + Russia (partly)

More information of countries and groupings at the following links:

European member states and candidate countries:

http://europa.eu/abc/european_countries/index_en.htm
*) **ENP = European neighbourhood policy**: [https://ec.europa.eu/neighbourhood-enlargement/neighbourhood/overview_en](https://ec.europa.eu/neighbourhood-enlargement/neighbourhood/overview_en)

Some templates may have up to five different versions, depending on **north–south** extent and different islands inserted (see Figure 1.1):

- core
- core + north extension
- core + south extension
- core + north and south extensions
- core + inserted islands

*Figure 1.1: Example of map inserted, extent and its possible extensions to the north and south. The map number refers to an extent in east–west direction.*
1.2. Illustrations of EEA Map extent series

The following pages present the series of agreed map extents. Legends and scale bar are not shown in the examples. All map extents are prepared with the legend placed to the right outside the map and with a map scale placed in the lower left corner inside the map.

Map Extent 1:
EU + EFTA
- Map_1c
- Map_1c_insert
- Map_1c_n
- Map_1c_ns
Map_1c_s
This extent is not any longer in use. Turkey MUST be visualised as a whole country.

Map Extent 2:
EU + EFTA + candidate countries (EEA coverage)
- Map_2c
- Map_2c_insert
- Map_2c_n
- Map_2c_ns
- Map_2c_s
Map Extent 3:

Europe + Caspian and Aral Seas (ENP East)

- Map_3c
- Map_3c_n
- Map_3c_ns
- Map_3c_s

Map Extent 4:

Europe + Caspian and Aral Seas + Canary Islands

- Map_4c
- Map_4c_n
Map Extent 5:

Europe + Caspian and Aral Seas + North Atlantic + North Pole

- Map_5c

Map Extent 6:

Europe + Russia + Central Asia, narrow

- Map_6c
Map Extent 7:
Europe + Russia + Central Asia, wide
- Map_7c

Map Extent 8:
World
- Map_8c
- Map_8c_s
Map Extent 9a:
Countries of the Mediterranean Sea region (ENP South)
- Map_9a

Map Extent 9b:
Mediterranean + Black Seas
- Map_9b
Map Extent 10:

Europe + Central Asia + Russia (partly)
- Map_10c
- Map_10c_n
- Map_10_ns
- Map_10_s
### 1.3. Specification of map extents by coordinates

All values given in coordinates related to the projection specified.

<table>
<thead>
<tr>
<th>Map extent</th>
<th>EPSG-code / projection</th>
<th>Bottom</th>
<th>Left</th>
<th>Top</th>
<th>Right</th>
</tr>
</thead>
<tbody>
<tr>
<td>Map 1c</td>
<td>EPSG: 3035</td>
<td>1 350 000</td>
<td>2 555 000</td>
<td>5 500 000</td>
<td>6 580 000</td>
</tr>
<tr>
<td>Canary Is.</td>
<td>EPSG: 3035</td>
<td>750 000</td>
<td>2 555 000</td>
<td>5 500 000</td>
<td>6 580 000</td>
</tr>
<tr>
<td>Açores Is.</td>
<td>EPSG: 3035</td>
<td>770 000</td>
<td>2 555 000</td>
<td>5 500 000</td>
<td>6 580 000</td>
</tr>
<tr>
<td>Madeira Is.</td>
<td>EPSG: 3035</td>
<td>2 150 000</td>
<td>780 000</td>
<td>2 800 000</td>
<td>1 500 000</td>
</tr>
<tr>
<td>Map 1c insert</td>
<td>EPSG: 3035</td>
<td>1 380 000</td>
<td>1 640 000</td>
<td>1 650 000</td>
<td>2 030 000</td>
</tr>
<tr>
<td>Madeira Is.</td>
<td>EPSG: 3035</td>
<td>2 555 000</td>
<td>2 800 000</td>
<td>1 650 000</td>
<td>2 030 000</td>
</tr>
<tr>
<td>Map 1c+s</td>
<td>EPSG: 3035</td>
<td>800 000</td>
<td>2 555 000</td>
<td>6 650 000</td>
<td>6 580 000</td>
</tr>
<tr>
<td>Map 1c+n</td>
<td>EPSG: 3035</td>
<td>1 350 000</td>
<td>2 555 000</td>
<td>6 650 000</td>
<td>6 580 000</td>
</tr>
<tr>
<td>Map 1c+ns</td>
<td>EPSG: 3035</td>
<td>800 000</td>
<td>2 555 000</td>
<td>6 650 000</td>
<td>6 580 000</td>
</tr>
</tbody>
</table>

- Lambert Azimuthal Equal Area (LAEA), datum ETRS89, 52 N, 10 E, false easting: 4 321 000, false northing: 3 210 000, EPSG code: 3035.
- Lambert Azimuthal Equal Area (LAEA), datum ETRS89, 52 N, 65 E, false easting: 8 446 000, false northing: 3 210 000, EPSG code non existent.
- Customized Esri Times CRS using Times world 10 E for centralizing Europe. (Geographic CRS: GCS_WGS_1984). The EPSG-code is non-existent.

EPSG-codes are managed at [http://www.epsg-registry.org/](http://www.epsg-registry.org/).
2. EEA layout

EEA developed a set of specifications for maps and legends. This chapter focuses on maps produced for reports. Much of the information is also relevant for maps produced for the Web. The EEA and ETCs are expected to use the specifications unless there is a specific reason for not doing so. Maps are published as standalone products in EEA Data Service Maps and Graphs and can then be used in several different EEA products in addition to the report, indicator or webpage for which they were originally produced.

2.1. A4-standard size for maps

The EEA has a standard A4-page layout for printed reports. Each page is divided into two columns of 82.4 mm and between the columns there is a 5 mm space. The columns can be subdivided into two 38.7 mm columns with 5 mm space. Maps produced for reports as well as for factsheets should as far as possible follow these sizes.

- The standard EEA map has a width of 126.1 mm, the legend at the right hand side has a width of 38.7 mm and there is a 5 mm space between map and legend.
- Accepted widths are:
  - 82.4 mm, where two small maps are presented side by side, legend is placed below
  - 126.1 mm, **standard**, legend (38.7 mm) is placed to the right of the map
  - 169.8 mm, legend is placed below the map, same width as the map
- In a few cases, maps covering two pages are used. Contact OSE Publications for sizes.

*Figure 2.1: Dummy A4-page with the EEA layout standard.*
The examples below show a ‘small map’, a ‘Standard EEA map’ and a ‘big map’ following the specified sizes.

Figure 2.2: Two ‘small maps’ placed side by side and the legend placed below. The width of each map is 82.4 mm corresponding to the width of one column in EEA reports.

Figure 2.3: The EEA standard map measuring 126.1 mm and the legend placed to the right outside the map. The legend measures 38.7 mm with 5 mm space between the map and the legend.

Figure 2.4: The ‘big map’ measuring 169.8 mm and the legend placed below the map.
2.2. Size for maps produced for A5-format

With the development of tablets an increasing number of reports will be written in A5 format for optimal utilization of space. Maps produced for A5-format reports should as far as possible follow these sizes. Each page is held in one column in width 109.00 mm. The legend is placed 4.0 mm below the map.

Figure 2.5: Dummy A5-page with the EEA map layout.
3. Standard elements/features in maps

The maps produced by the EEA for printed reports are usually very simplified. Accordingly, the “ready-to-use” draft maps delivered to the EEA should contain few elements in the small-scale maps:

- Few general elements/background features;
- Limited number of thematic issues per map – usually one issue is enough. Maps covering more than one issue usually appear overloaded and the message in the map is lost.

3.1. Scales of maps

The EEA does not focus on specific scales for the maps presented in reports. The scaling of maps in order to provide one of the standard layout widths will probably not result in a rounded map scale. The EEA finds this of low importance for small-scale maps. The focus is on the size of the maps in the output product. Follow the standard for map width in reports.

3.2. Level of generalisation

Different generalisations of elements, e.g. administrative units, rivers and coastlines are available:

- The EEA compiled a selection of generalised GIS datasets adapted to make maps at small scales. ETCs and others producing maps on behalf of the EEA should use this selection. The data are labelled EEA map data. EEA’s ArcGIS map templates are also based on the use of these GIS data. The data are available from http://www.eea.europa.eu/data-and-maps/data/eea-mapdata-and-templates-gis-5
- For most of the administrative features, the GISCO reference database, http://ec.europa.eu/eurostat/web/gisco is available in three or four different levels of generalisation (scale 1, 3, 10 and 20 mill.). If a dataset is available at different scales, the data with the smallest scale should be used for mapping;
- GIS data sets stored in EEA data service usually require intermediate steps in order to derive a subset of data suitable for mapping purposes.
- Some datasets have a fixed generalisation. Datasets with polygons cut along the coast with a certain coastline will remain with this coastline.

3.3. Background layers

Standard background features available in the EEA map data and templates to be used in map production are based on a level of generalisation comparable to 1:20 000 000 or even smaller. Below is a table of proposed features for small scale maps covering Europe.

<table>
<thead>
<tr>
<th>EEA map data</th>
<th>Filename</th>
<th>Size – width</th>
<th>Size – width</th>
<th>Size – width</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>EEA map data</th>
<th>Filename</th>
<th>Size – width</th>
<th>Size – width</th>
<th>Size – width</th>
</tr>
</thead>
</table>

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The above table gives a generalised picture of the EEA map data and templates that could be used in the different map sizes. A mark is only an indication of the features that should be included in the map.

### 3.4. Thematic layers

In the case of external experts preparing a map for use by EEA, the data underpinning the thematic layers in the map and the legend may be delivered to EEA as described in the wiki page available at this link: [https://taskman.eionet.europa.eu/projects/ses2-map-production-coordination-flows/wiki/Guide_for_authors_providing_and_delivering_maps_and_graphs_data_packages_for_maps](https://taskman.eionet.europa.eu/projects/ses2-map-production-coordination-flows/wiki/Guide_for_authors_providing_and_delivering_maps_and_graphs_data_packages_for_maps)

### 3.5. Standard layer order

<table>
<thead>
<tr>
<th>Feature/map element</th>
<th>Layer order</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>1</td>
</tr>
<tr>
<td><strong>Text</strong></td>
<td></td>
</tr>
<tr>
<td>Thematic text</td>
<td>2</td>
</tr>
<tr>
<td>Country names</td>
<td>3</td>
</tr>
<tr>
<td>Towns</td>
<td>4</td>
</tr>
<tr>
<td>Seas/lakes/rivers</td>
<td>5</td>
</tr>
<tr>
<td>Grid numbers</td>
<td>6</td>
</tr>
<tr>
<td><strong>Points</strong></td>
<td></td>
</tr>
<tr>
<td>Thematic point data</td>
<td>7</td>
</tr>
<tr>
<td>Cities</td>
<td>8</td>
</tr>
<tr>
<td><strong>Lines</strong></td>
<td></td>
</tr>
<tr>
<td>Thematic boundaries/line data</td>
<td>9</td>
</tr>
<tr>
<td>Coast/sea shoreline</td>
<td>10</td>
</tr>
<tr>
<td>Roads</td>
<td>11</td>
</tr>
<tr>
<td>Rail</td>
<td>12</td>
</tr>
<tr>
<td>Country boundaries</td>
<td>13</td>
</tr>
<tr>
<td>Rivers, medium</td>
<td>14</td>
</tr>
<tr>
<td>Rivers, large</td>
<td>15</td>
</tr>
<tr>
<td>Lake/shoreline</td>
<td>16</td>
</tr>
<tr>
<td>Gridnet (lat/long)</td>
<td>17</td>
</tr>
</tbody>
</table>

The layers of the map as they come from the GIS files should be reflected as layers in the postscript file. Text should be placed in separate layers, according to the feature they are naming. If all standard layers are in use, the following layer order is recommended.
<table>
<thead>
<tr>
<th>Polygons/areas</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake/river surface</td>
<td>18</td>
</tr>
<tr>
<td>Outside data coverage areas</td>
<td>19</td>
</tr>
<tr>
<td>Sea surface</td>
<td>20</td>
</tr>
<tr>
<td>Thematic areas</td>
<td>21</td>
</tr>
<tr>
<td>Countries</td>
<td>22</td>
</tr>
<tr>
<td>Land surface</td>
<td>23</td>
</tr>
</tbody>
</table>
4. Colour and graphics definitions

The EEA defined graphic layout (colour/line size and fonts) for selected features frequently used on maps. The specifications below fit the needs for use as originals in reports, factsheets and – in most cases – the Web.

Colour and graphics for background layers

The EEA distinguishes between polygon/area features, line features, point features and text.

<table>
<thead>
<tr>
<th>Feature/map element</th>
<th>CMYK code</th>
<th>Colour</th>
<th>Size/pt</th>
<th>Font/line type/ fill type</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Polygons/areas</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land surface</td>
<td>2-0-20-2</td>
<td>Yellow</td>
<td>Fill/no line</td>
<td></td>
</tr>
<tr>
<td>Land surface – missing values/no data (*)</td>
<td>0-0-0-0</td>
<td>White</td>
<td>Fill/no line</td>
<td></td>
</tr>
<tr>
<td>Land surface – outside data coverage (*)</td>
<td>0-0-0-15</td>
<td>Grey</td>
<td>Fill/no line</td>
<td></td>
</tr>
<tr>
<td>Sea surface</td>
<td>17-0-0-0</td>
<td>Blue</td>
<td>Fill/no line</td>
<td></td>
</tr>
<tr>
<td>Lake/river surface</td>
<td>17-0-0-0</td>
<td>Blue</td>
<td>Fill/no line</td>
<td></td>
</tr>
<tr>
<td><strong>Lines</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coast/sea shoreline</td>
<td>50-10-0-0</td>
<td>Blue</td>
<td>0.3</td>
<td>Line</td>
</tr>
<tr>
<td>Rivers</td>
<td>50-10-0-0</td>
<td>Blue</td>
<td>0.3</td>
<td>Line</td>
</tr>
<tr>
<td>Lake/shoreline</td>
<td>50-10-0-0</td>
<td>Blue</td>
<td>0.3</td>
<td>Line</td>
</tr>
<tr>
<td>Country boundaries</td>
<td>0-0-0-60</td>
<td>Grey</td>
<td>0.4</td>
<td>Line</td>
</tr>
<tr>
<td>Thematic boundaries</td>
<td>No line</td>
<td>No line</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frame</td>
<td>0-0-0-100</td>
<td>Black</td>
<td>0.5</td>
<td>Line</td>
</tr>
<tr>
<td>Gridnet (lat/long)</td>
<td>100-30-0-0</td>
<td>Blue</td>
<td>0.28</td>
<td>Line</td>
</tr>
<tr>
<td>Roads</td>
<td>0-100-100-0</td>
<td>Red</td>
<td>0.3</td>
<td>Line</td>
</tr>
<tr>
<td>Rail</td>
<td>0-0-0-80</td>
<td>Grey</td>
<td>0.3</td>
<td>Line</td>
</tr>
<tr>
<td><strong>Points</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capitals</td>
<td>0-100-100-0</td>
<td>Red</td>
<td>6 pt</td>
<td></td>
</tr>
<tr>
<td>Cities</td>
<td>0-0-0-100</td>
<td>Black</td>
<td>4 pt</td>
<td></td>
</tr>
<tr>
<td><strong>Text (</strong>)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country names</td>
<td>0-0-0-100</td>
<td>Black</td>
<td></td>
<td>Verdana (***</td>
</tr>
<tr>
<td>Towns</td>
<td>0-0-0-100</td>
<td>Black</td>
<td></td>
<td>Verdana (***</td>
</tr>
<tr>
<td>Seas/rivers/lakes</td>
<td>100-30-0-50</td>
<td>Blue</td>
<td></td>
<td>Verdana (***</td>
</tr>
<tr>
<td>Grid numbers</td>
<td>100-30-0-0</td>
<td>Blue</td>
<td>5.25 pt</td>
<td>Verdana (***</td>
</tr>
</tbody>
</table>

(*) ‘No data’-colour is always white and ‘Outside data coverage’-colour is always grey in EEA products.

(**) Note that the EEA advises following Eurostat’s practice for maps: the use of geographical names (especially seas, oceans, etc.) should be avoided. However, country names (capitalised) and capital names should be in English while for rivers, cities etc the EEA follows Times Atlas for naming.

(*** For text on Web maps, the recommended fonts are Verdana, Tahoma, Geneva or Arial.

For ArcGIS users: The colours defined above are used in the template files produced by the EEA. When adding new layers/datasets to a production, use of the lyr files renders the predefined colours while use of the shp files does not.
Colour and graphics for thematic information – use of common colour scales

General rules of map semiology, such as using a maximum of seven different colours or a maximum of five densities of grey (The Semiology of Graphics, Bertin, 1983), should be respected. The EEA recommends:

- When using statistical or ordinal division of data, the EEA has recommended colour scales. Please see the exact definition of colours (CMYK and RGB):
- When presenting colour distribution of areas (polygons), avoid using a separate colour for the outline/boundary of each area. Maps look cleaner without thematic boundary lines.

Colour systems – CMYK and RGB

The colours are given in:

- CMYK for printing purposes: e.g. 5-100-55-12 or 0-12-10. The K value (black shade) is commonly omitted when equal to zero;
- RGB for screen purposes: e.g. 102 47 153. RGB colours are sometimes given in hexadecimal code (often used in HTML), e.g. 66 2F 99 = 102 47 153.

The colours defined in different colour systems may not be translated directly. Apply CMYK colour settings for maps to be displayed in paper reports and use the RGB colour settings for maps only displayed on the screen.

4.1. Legend

A map has a legend, see example in figure 2.6. The postscript file with the map should also contain the legend with the layout to be used in the report. The legend is placed outside the map frame, normally to the right, with a 5 mm space between map and legend.

The legend standards are as follows:

- **Width**: 38.7 mm is standard. See example to the right.
- **Fonts**: Font type is Verdana both in ordinary text and in heading for printed material. For Web, recommended font types are Verdana, Tahoma, Geneva or Arial.
- **Font size**: All text is 7 pt, headings in bold, category text is normal. Text colour is 100 % black.
- **Spacing between legend elements**: In the example, the spacing between title and legend items is 8 pt. The spacing between label patches vertically is 5 pt.

Other:
- All text is left oriented;
- Where category text is longer than one line, the first line should be aligned with the label patch;
- Allow space between numbers and %: 7 %; =; <; >=; <=; >=

Figure 4.1: Legend specification
• Allow space between minus and numbers: - 7;
• Allow no space in year spans: 1900-2000;

Text: translation implications

A number of the EEA reports are translated into the languages of the member countries. Text in maps and graphs are also translated and the text parts need to be easily accessible to the translation process. Therefore, the EEA makes the following recommendations:

• Place text in separate layers;
• Define text with the prescribed fonts and sizes;
• Do not outline text;
• Text that will be translated later should be black or grey (use only the K parameter in CMYK). Other text, such as numbers or ‘IDs’ on locations, could have other colours. Note that the EEA advises following Eurostat’s practice for maps, that the use of geographical names (especially seas, oceans, etc.) should be avoided.

Postscript export settings in ArcGIS

Postscript format (eps, pdf or ai) is required for high quality printing. The export of maps to postscript format is done from ArcGIS.

Resolution of the output is set in Options (figure 2.7):

• Resolution to ‘300 dpi’
• The colorspace is ‘CMYK’
• PS language level is ‘2’
• The image compression is ‘RLE’
• The Picture symbol is set to ‘Rasterize layers with bitmap markers/fils’
• The ‘Convert marker symbols to polygons’
• The ‘Embed all document fonts’ should be check marked.

It is recommended to examine the output file in Adobe or other image editing software to verify that the resulting map is satisfactory.

In the case of external experts preparing a map for use by EEA, the output file in eps, pdf- or ai-format should be delivered to the EEA QC-team together with the relevant underpinning GIS data and metadata.

Read more about data delivery on this wiki-page: “Guide for authors providing and delivering maps and graphs”, provided by EEA at this link: https://taskman.eionet.europa.eu/projects/ses2-map-production-coordination-flows/wiki/Guide_for_authors_providing_and_delivering_maps_and_graphs_data_packages_for_maps