



European Standardization Organizations

# OSD – Figure handling

Requirements – Sizing – Subfigures

# Requirements (MS Word)

## ▶ .tif(f) format only

- ▶ Compression LZW for **coloured** images (CCITT4 compression is permitted for monochrome figures/photos)
- ▶ Colour encoding: Monochrome (1 bit) up to true colour (24 bit)
- ▶ Resolution: 600 dpi
- ▶ Size of maximum 170,00 mm x 250,00 mm or 250,00 mm x 170,00 mm
- ▶ Output size (defined as Image Size, see examples below): 100%

## ▶ Images shall be inserted and linked in the MS Word document

(source: <https://boss.cen.eu/reference-material/guidancedoc/pages/prepfiles/> Clause 4)

# Requirements (OSD only)

## ▶ .png format only

- ▶ Resolution: 300 dpi minimum
- ▶ Highest quality = readable = not blurry

## ▶ Size

- ▶ No limitation
- ▶ Desired size to be selected within the OSD
- ▶ Rendering to be checked prior to submission
  - ▶ Export MS Word and/or PDF

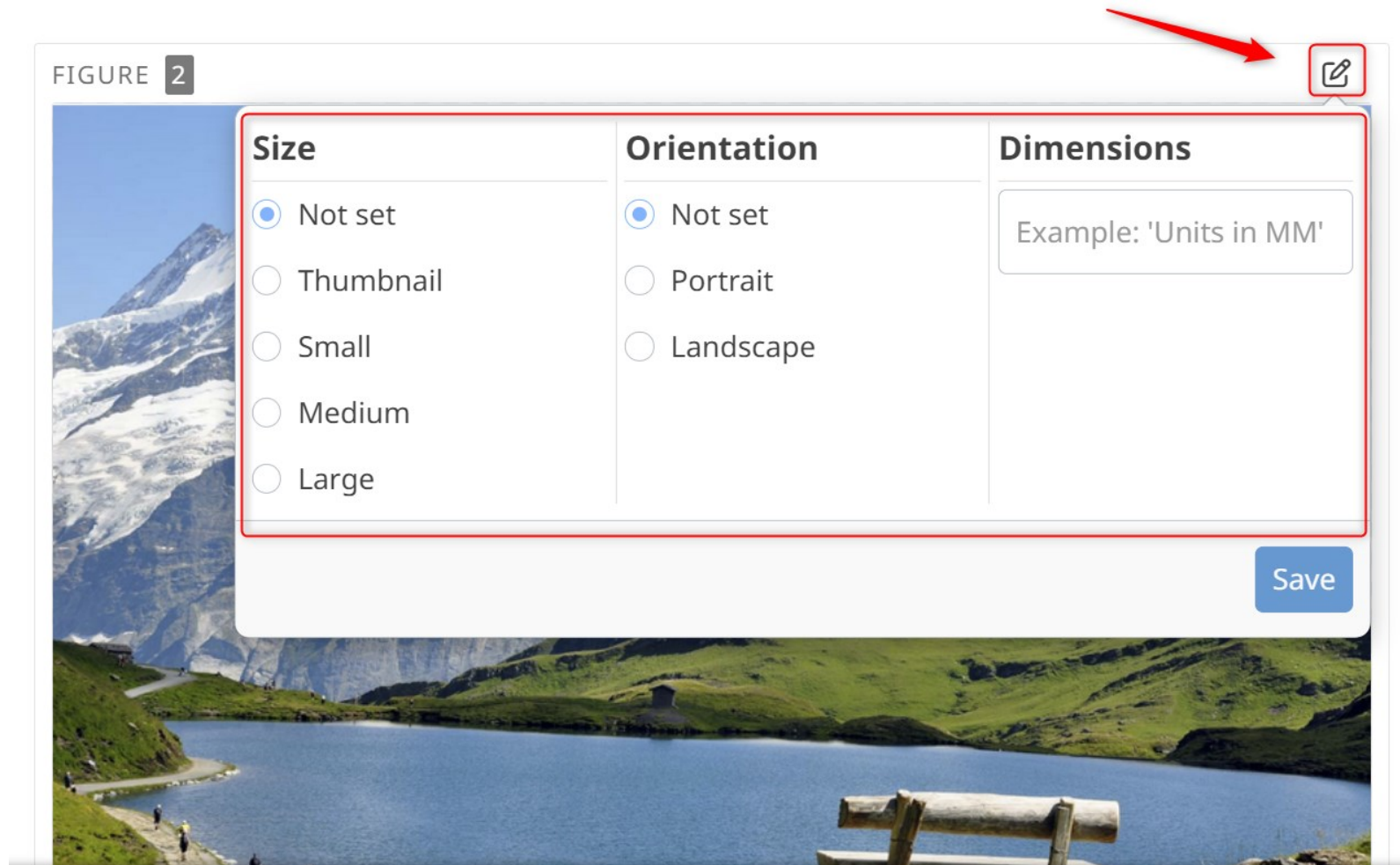
## ▶ No specific inserting and linking

- ▶ Simple upload

## ▶ Members using XML provided by CCMC for their national usage can use defined attributes in the XML to render images in the same way as the published standard

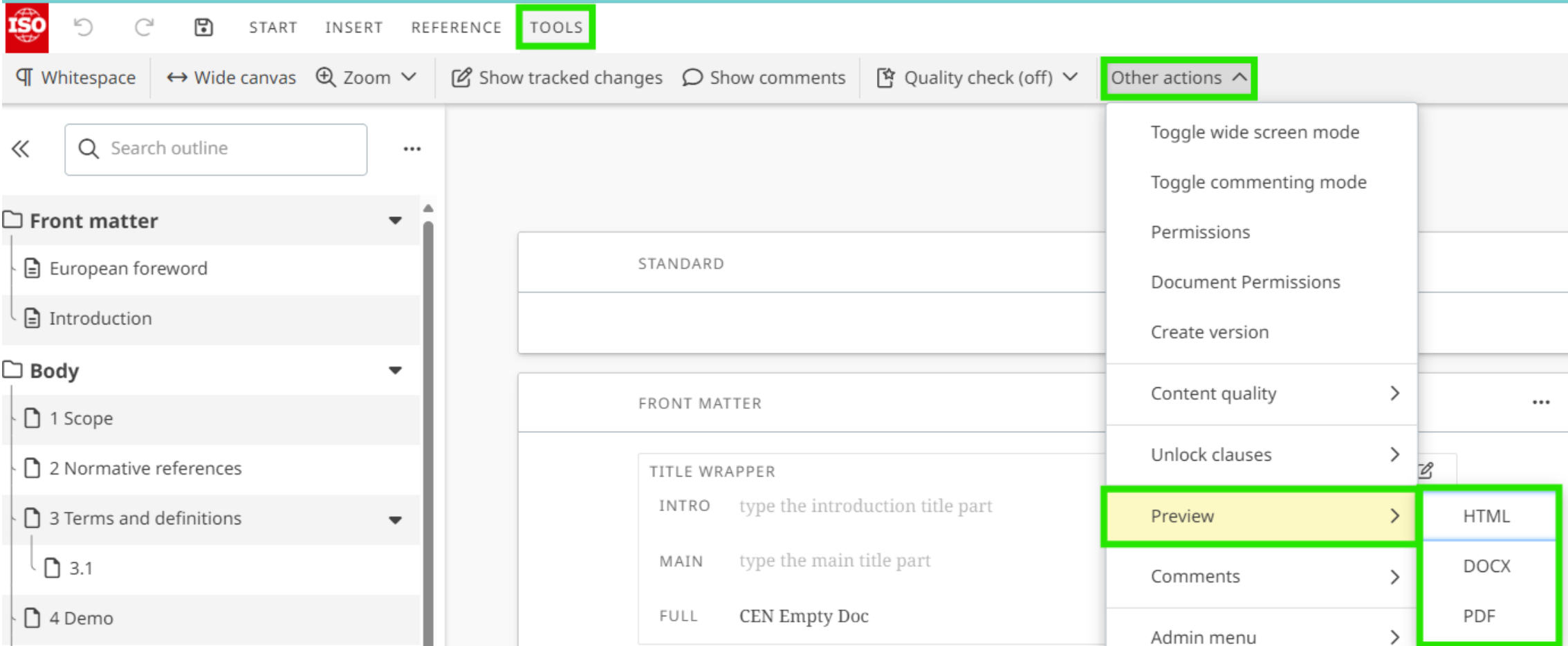
Size selected in OSD	Size rendered in Word/PDF
Not set	True size of the image Can be used when the below options do not meet the desired output (maximum rendering set to A4 format)
Thumbnail	10%
Small	25%
Medium	50%
Large	75%

# How to select the size/orientation



# How to export MS Word/PDF

- ▶ Unlock all clauses (Tools > Other actions > Unlock clauses > Unlock all clauses)
- ▶ Use the "Preview" function (Tools > Other actions > Preview):



# Examples of image size rendering

## 5 Figure size testing

### 5.1 Image Size: 2394x1242, resolution 144x144



Figure 1 — Thumbnail: 10% of width of available space



Figure 2 — Small - 25% of width of available space

### Realta 1234:2022 (E)



Figure 3 — Medium - 50% of width of available space



Figure 4 — Large - 75% of width of available space

Note: there will never be any upscaling, so if an image is not large enough it will be shown in original size

# Subfigures

- ▶ Proper way:
  - ▶ Insert “Figure containing sub-figures”
  - ▶ Set the layout on the “main” figure:



# Subfigure (Layout set to 1x2)



**1 a) Subtitle**



**1 b) Subtitle**

**Figure 1 — Layout 1x2**



# Subfigure (Layout set to 2x1)



**2 a) Subtitle**



**2 b) Subtitle**

**Figure 2 — Layout 2x1**

# Subfigure (Layout set to 1x3)



**3 a) Subtitle**



**3 b) Subtitle**



**3 c) Subtitle**

**Figure 3 — Layout 1x3**

# Subfigure (Layout set to 2x2)



4 a) Subtitle



4 b) Subtitle



4 c) Subtitle

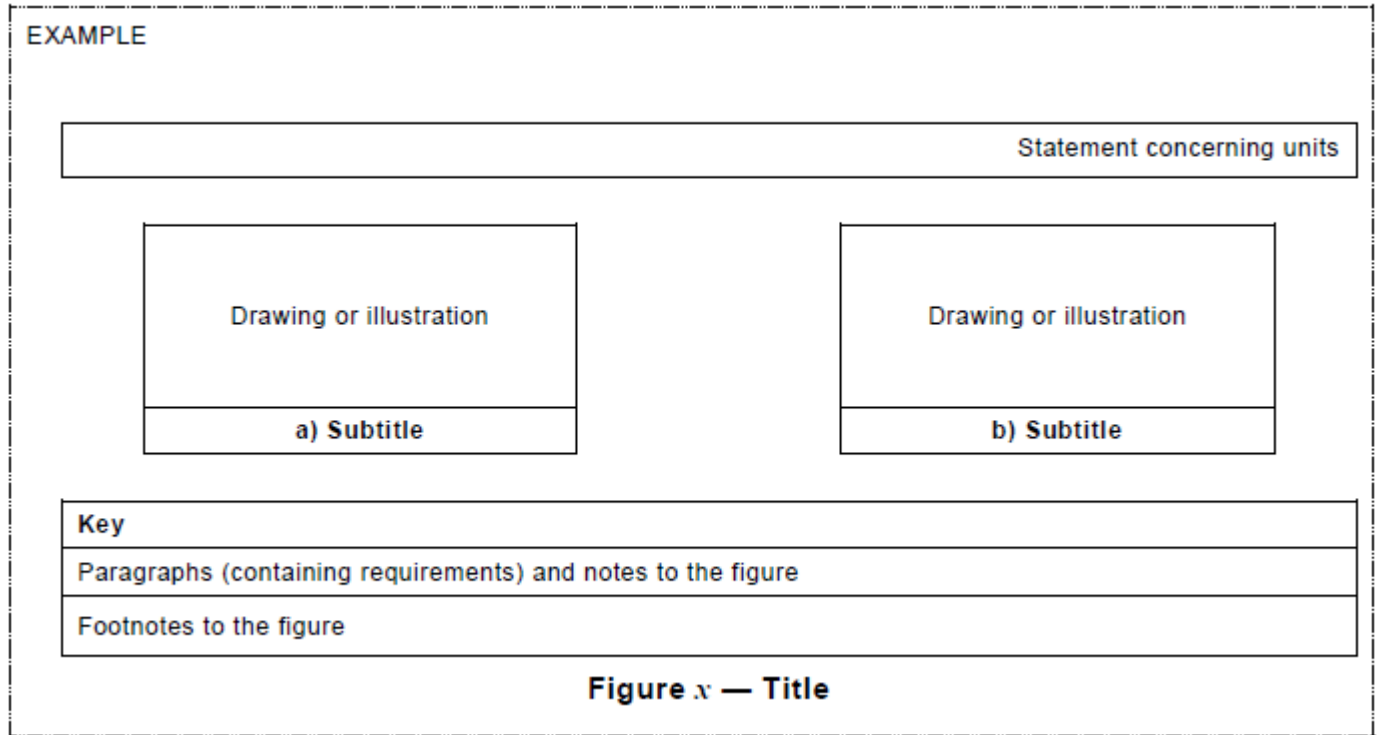


4 d) Subtitle

Figure 4 — Layout 2x2

# Key to subfigures

▶ "Separate keys, notes and footnotes for subfigures are not permitted."  
(CEN-CENELEC Internal Regulations – Part 3, 28.3.2)



⚠ 2025-Jan: Currently not possible to add only one Key to a set of subfigures → use the workaround

# Key to subfigures (workaround)

- ▶ Combine subfigures into one single figure
- ▶ Adapt the title when necessary
- ▶ Insert key to the figure

