

EuroGlobalMap

Technical Meeting of the EuroGeographics Data Producers 2026

Vincent Beauce (IGN-F)

Co-funded by the European Union

Digital Europe Programme
Grant Agreement No 101100625

1. Quick recap: what is EGM?
2. Production 2025
3. Validation, checking and approval

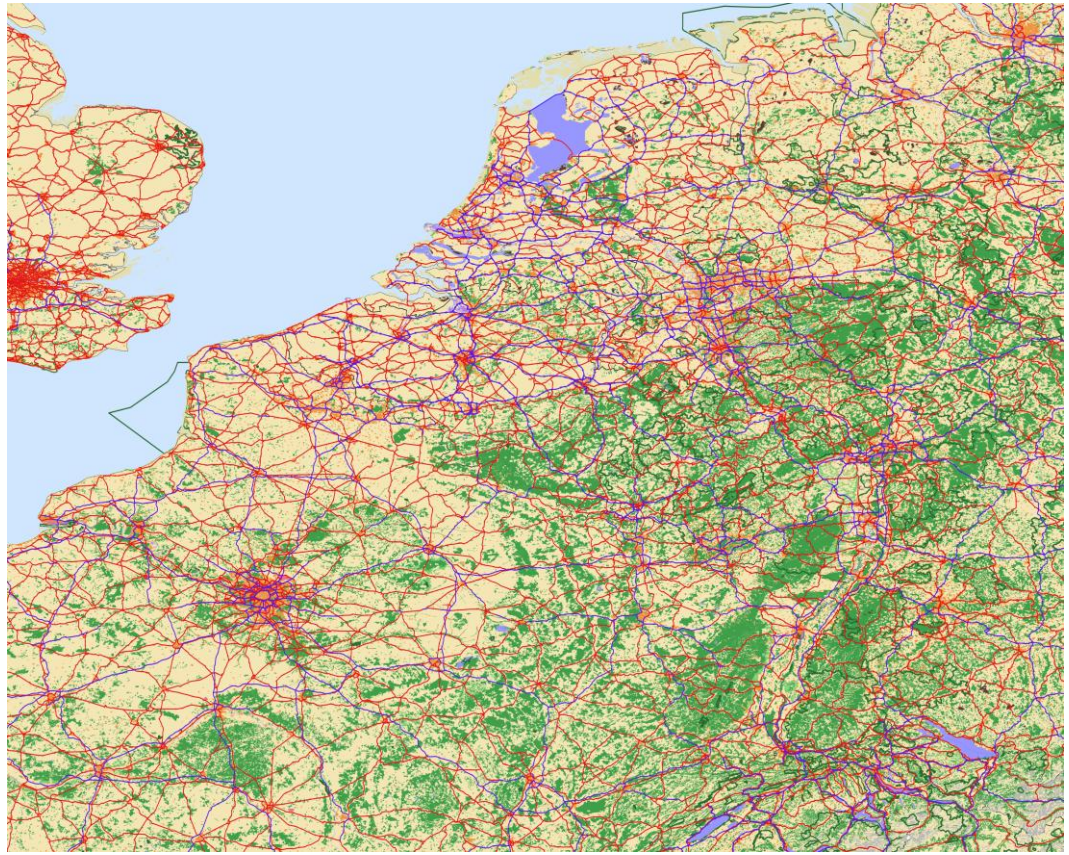
Co-funded by the European Union
Digital Europe Programme
Grant Agreement No 101100625

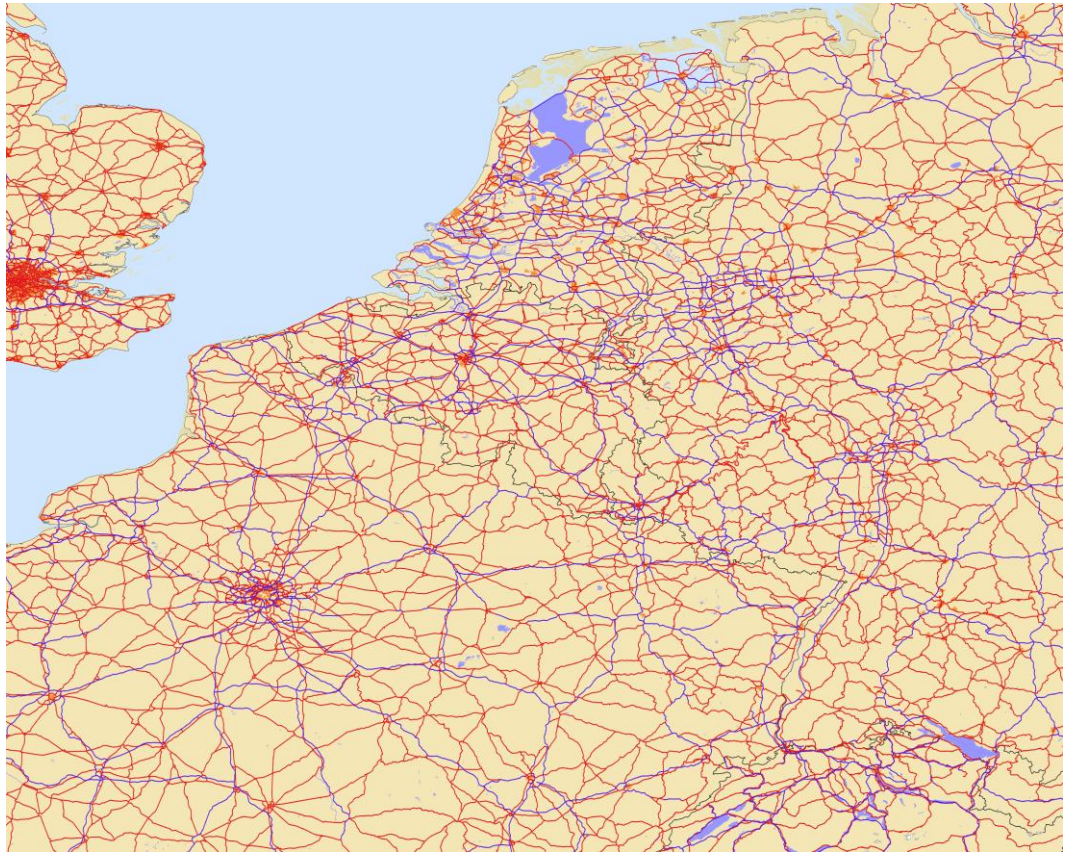
1. Quick recap: what is EGM?

Co-funded by the European Union
Digital Europe Programme
Grant Agreement No 101100625

EGM in pictures

ERM → EGM





Co-funded by the European Union

Digital Europe Programme
Grant Agreement No 101100625

Copyright © 2026 EuroGeographics

EGM in figures

	ERM	EGM
scale	1:250 000	1:1 000 000
weight	2 880 MB	303 MB
classes	61	31
BND	2	2
HYDRO	20	14
TRANS	20	11
POP	3	2
NAME	3	2
MISC	11	0
VEG	2	0
entities	8.7 M	1.2 M
points	2,6 M	0,4 M
lines	5,1 M	0,8 M
polygons	1,1 M	0,1 M

Copyright © 2026 EuroGeographics

Co-funded by the European Union
Digital Europe Programme
Grant Agreement No 101100625

EGM production

Production year X : ERM X+1 and EGM X+1 produced

ERM X+1 :
annual update of BND, POP and other themes (mainly TRANS and HYDRO)
EGM X+1 derived by generalisation of ERM X
same updates, but one year later

Generalisation :
– class selection (some classes dropped)
– objects selection (on density, size and semantics)
– geometry simplification (tracing, cutting)
– semantic lightening (dropped attributes)

Co-funded by the European Union

Digital Europe Programme
Grant Agreement No 101100625

Copyright © 2026 EuroGeographics

2. Production 2026

Co-funded by the European Union
Digital Europe Programme
Grant Agreement No 101100625

2. EGM Production 2026

Production year		2025	2026	
EGM version		2026	2027	
Input versions EBM, ERM		2025	2026	
EGM themes	BND	✓	✓	*June 2026 (delayed)*
	POP	✓	✓	*November 2026 (delayed)*
	HYDRO	✓	✓	*February 2027 (delayed)*
	TRANS	✓	✓	*February 2027 (delayed)*

Co-funded by the European Union

Digital Europe Programme
Grant Agreement No 101100625

Copyright © 2026 EuroGeographics

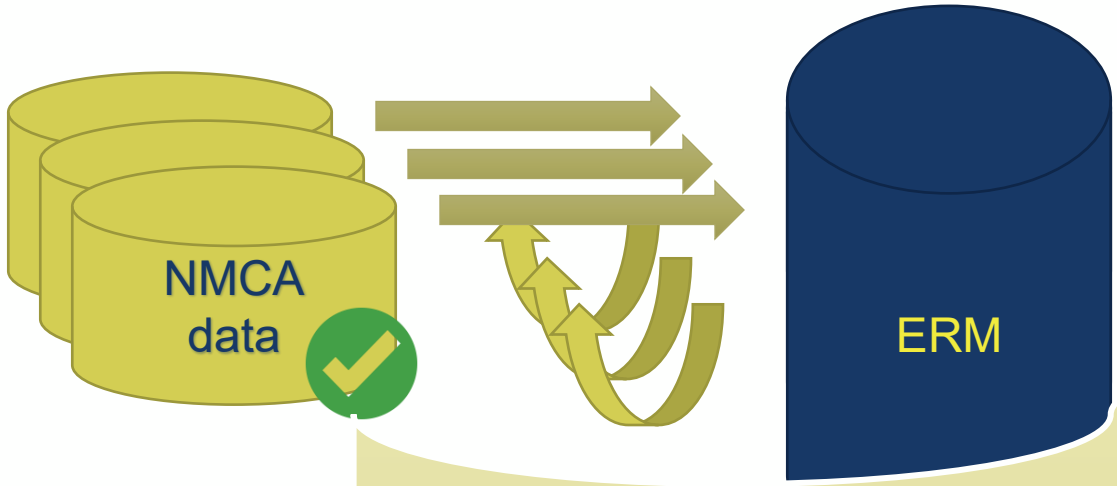
3. Validation, checking and approval

Co-funded by the European Union
Digital Europe Programme
Grant Agreement No 101100625

3. EGM Validation, checking and approval

ERM

EGM



5.1.4 ERM concept for mandatory and optional data content

The main objective is to reach as much as possible a seamless dataset where information indicated in the specification are available for whole Europe, harmonized and produced according to the portrayal criteria and quality criteria mentioned in the specification. However it is difficult to reach such a level for the complete dataset.

Co-funded by the European Union

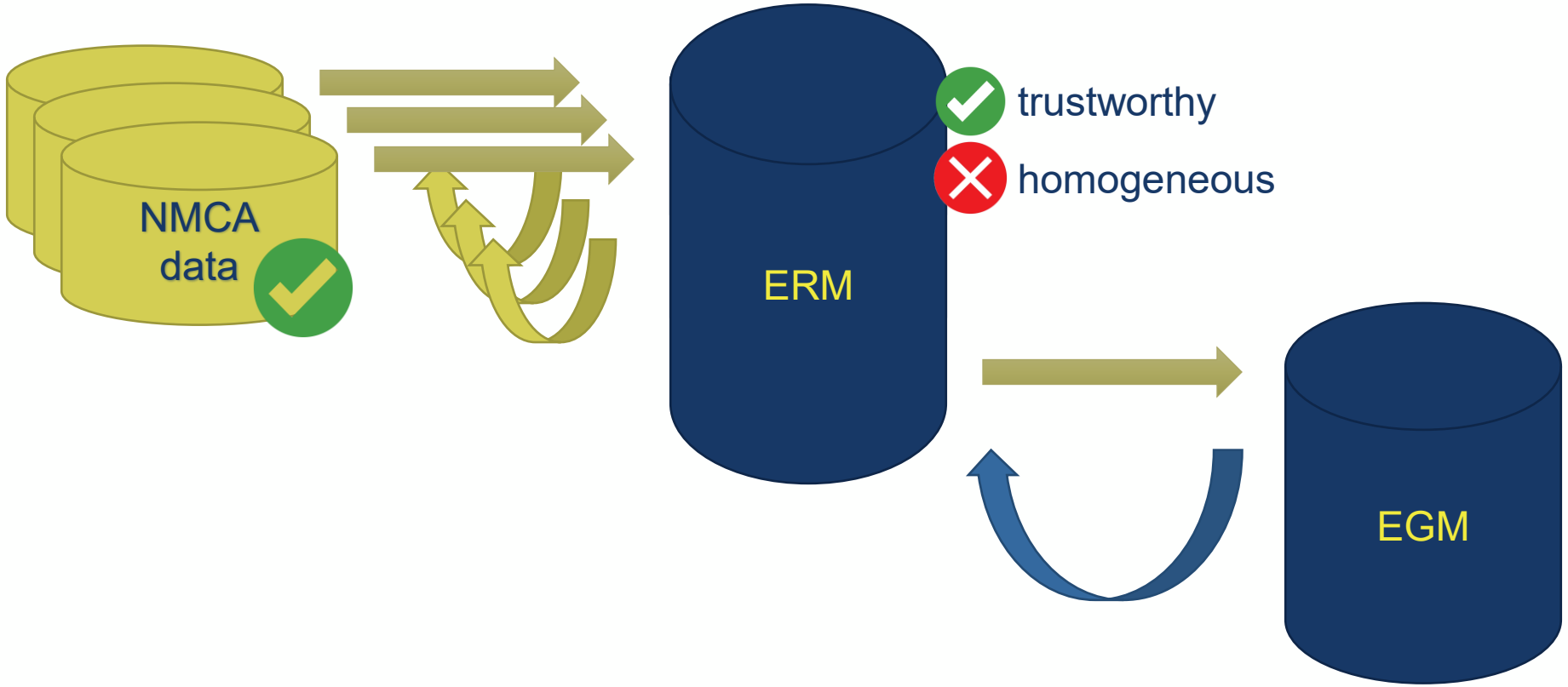
Copyright © 2026 EuroGeographics

Digital Europe Programme
Grant Agreement No 101100625

3. EGM Validation, checking and approval

ERM

EGM



Co-funded by
the European Union

Digital Europe Programme
Grant Agreement No 101100625

Copyright © 2026 EuroGeographics

3. EGM Validation, checking and approval

In 2021-2022, an additional quality step was added: producers were asked to review the data on a website called the « Collaborative space ».

In 2022, three contributors permited to correct six defects.

In 2023, five contributors permited to correct twenty defects and gave way to four process improvements.

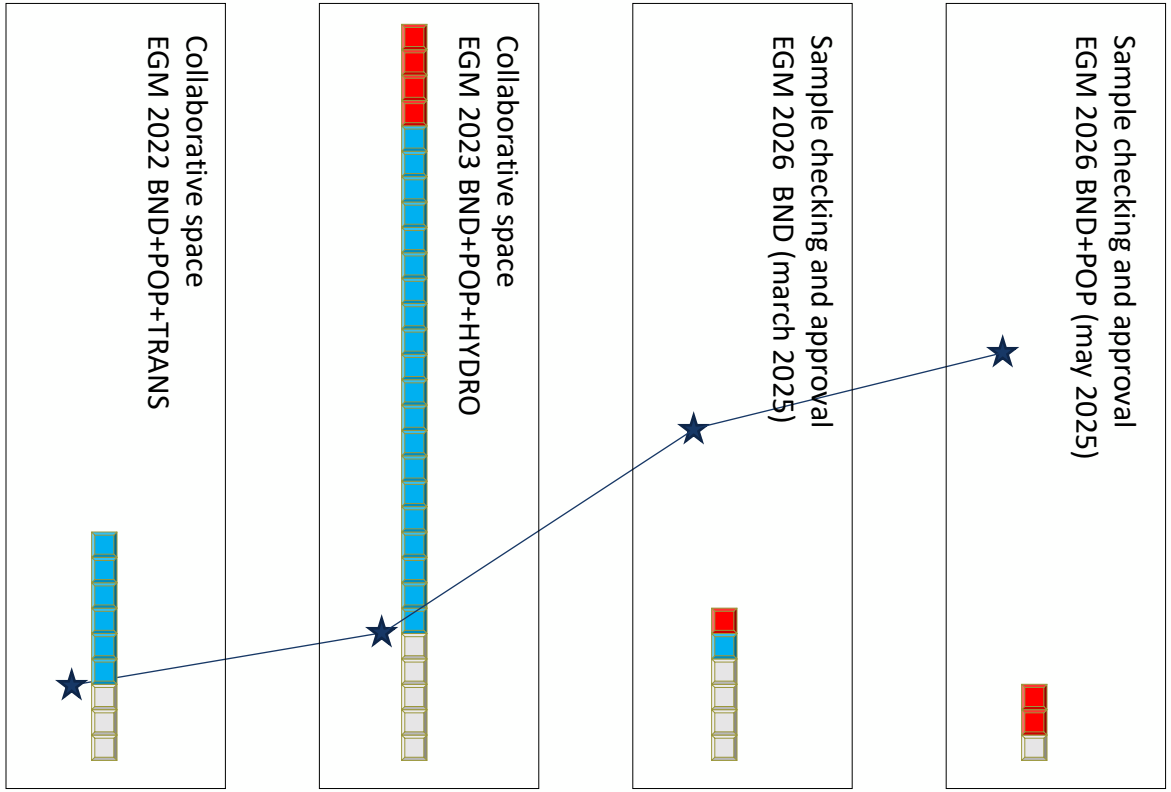
Since 2025, we have been compensating the loss of the collaborative space by sending to each of the forty NMCA the EGM extract that concerned them.

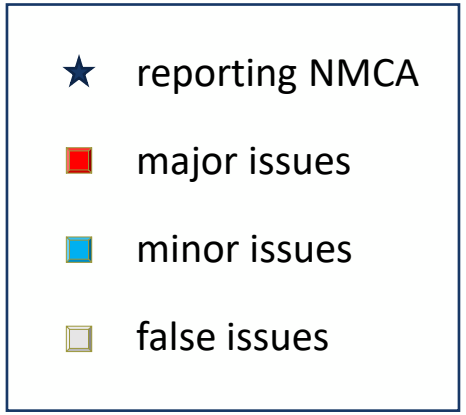
Copyright © 2026 EuroGeographics

Co-funded by the European Union

Digital Europe Programme
Grant Agreement No 101100625

3.EGM Validation, checking and approval





Co-funded by
the European Union

Digital Europe Programme
Grant Agreement No 101100625

Copyright © 2026 EuroGeographics



Thanks for your attention

vincent.beauce@ign.fr
beauce.vincent@gmail.com

Co-funded by the European Union

Digital Europe Programme
Grant Agreement No 101100625