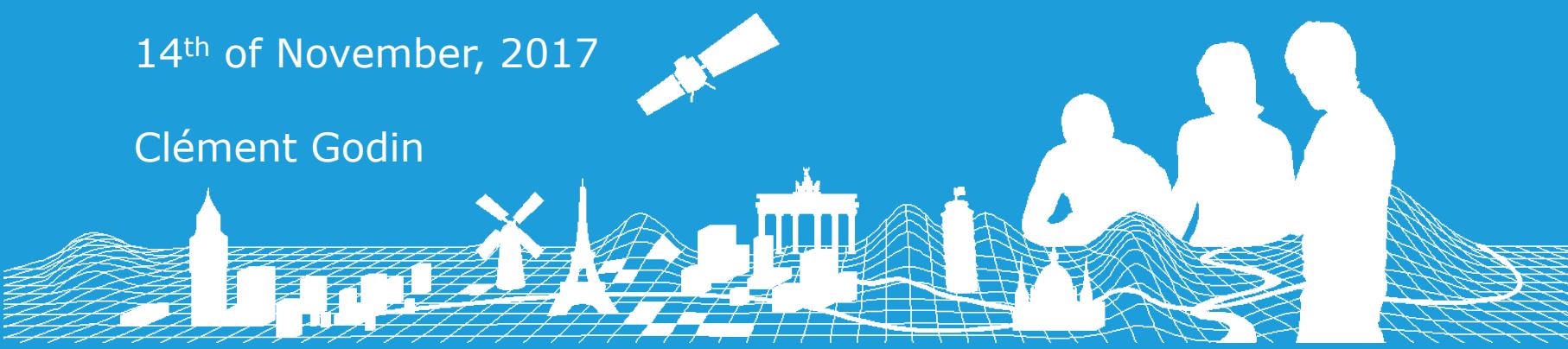
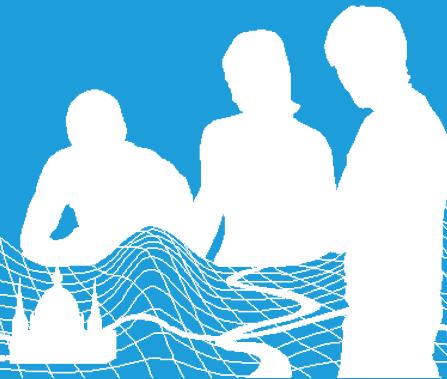


NUTS3 compatible with EGM A technical approach

Technical Meeting of EuroGeographics Data Producers

14th of November, 2017

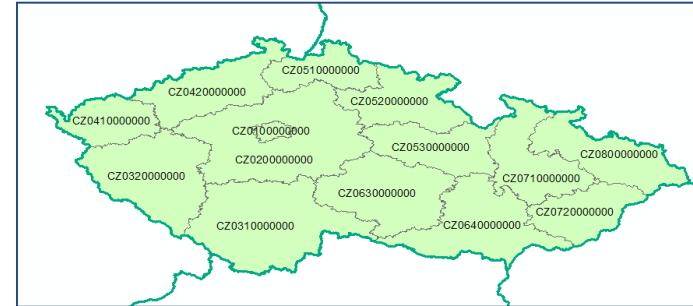
Clément Godin



How EGM-BND is produced

Country classification (1)

- Category 1
 - Countries without coastline
 - e.g.: Czech Republic



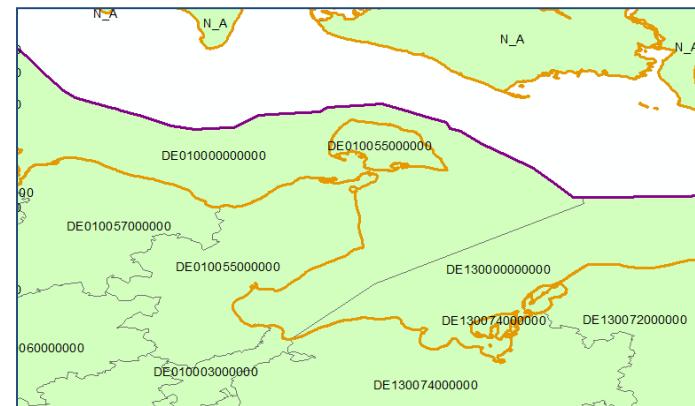
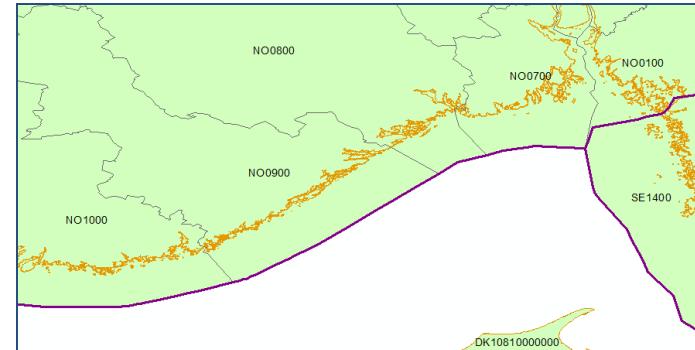
- Category 2
 - Countries whose coastlines are used as administrative boundaries and without maritime boundary
 - e.g.: France, Great Britain



How EGM-BND is produced

Country classification (2)

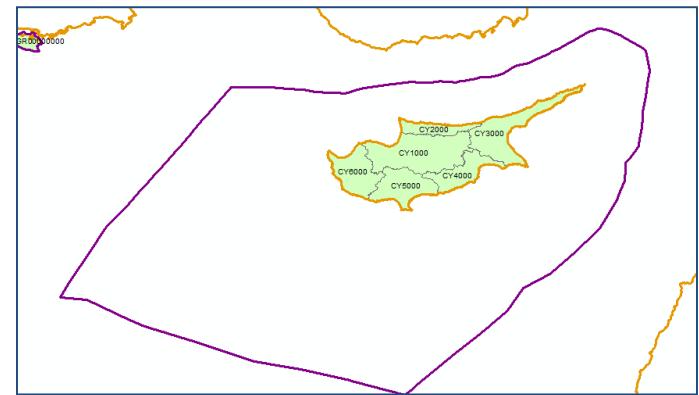
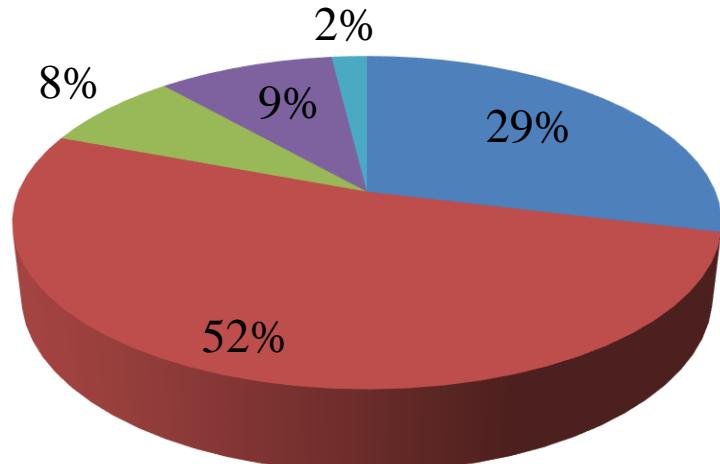
- Category 3
 - Countries whose coastlines aren't used as administrative boundaries, but with maritime boundaries
 - Administrative units aren't split at the coastline, they are extended in the sea
 - e.g.: Norway, Sweden
- Category 4
 - Countries whose coastlines are used as administrative boundaries and with maritime boundaries
 - Administrative units are split on the coastline and have a different code on either side
 - e.g.: Germany



How EGM-BND is produced

Country classification (3)

- Category 5
 - Countries whose coastlines aren't used as administrative boundaries, and with maritime boundaries but unused for EGM
 - e.g.: Cyprus
- For information: distribution per category



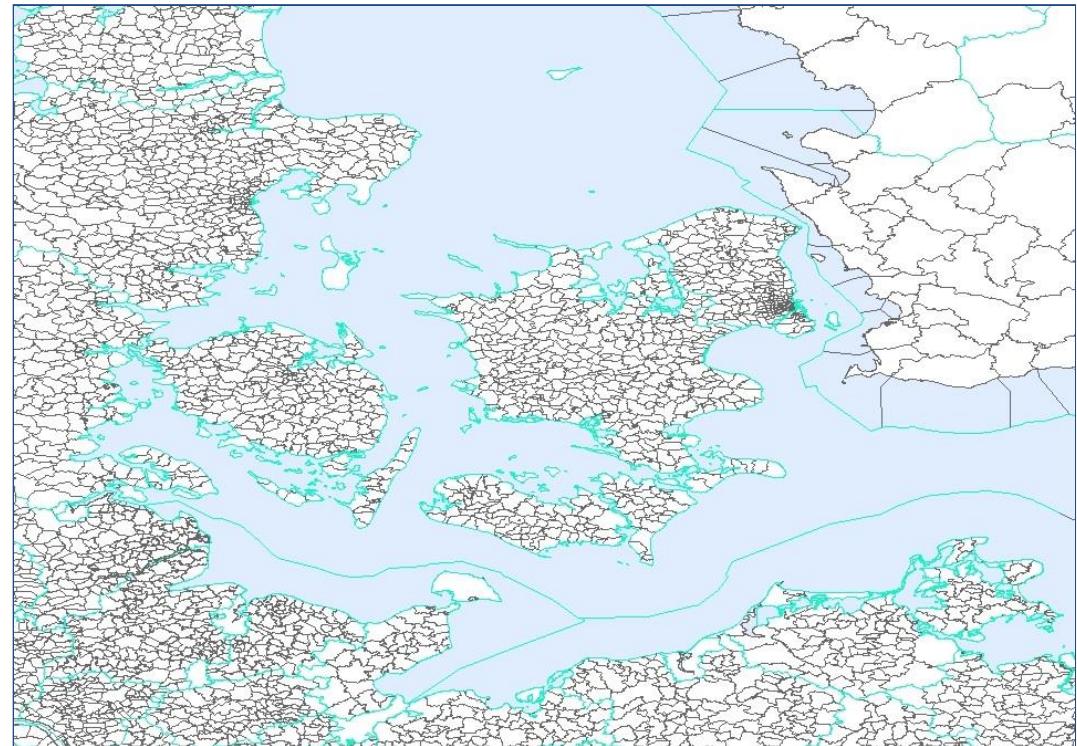
- Category 1
- Category 2
- Category 3
- Category 4
- Category 5



How EGM-BND is produced

Step 1: Selection

- From EBM linear feature classes
- 1. International boundaries (including the maritime ones)
- 2. Administrative boundaries to keep
 - Depend on the levels kept for each country
 - Include NUTS3 at least



How EGM-BND is produced

Step 2: Simplification

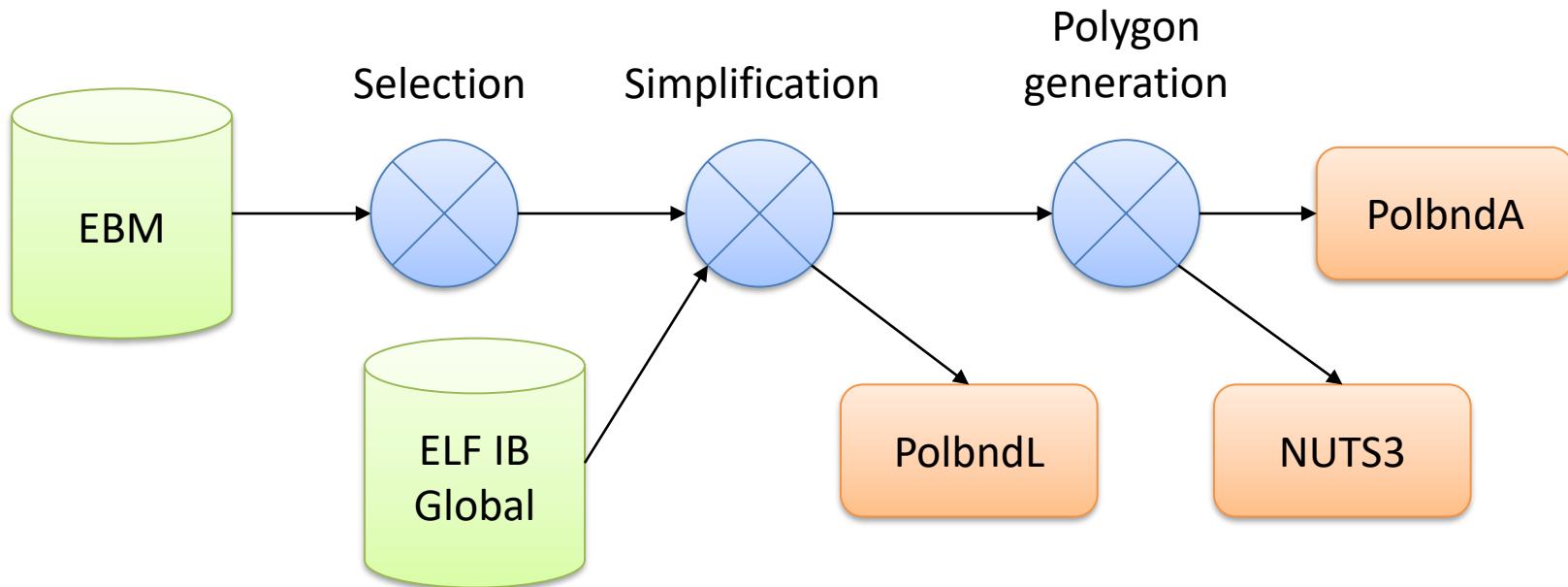
- The boundaries both maritime and on land are replaced with ELF's ones, generalized earlier
- The other boundaries are simplified using ArcGIS generalization tools
- Then, polygons are generated



Integrating the production of NUTS3 into the process

First idea

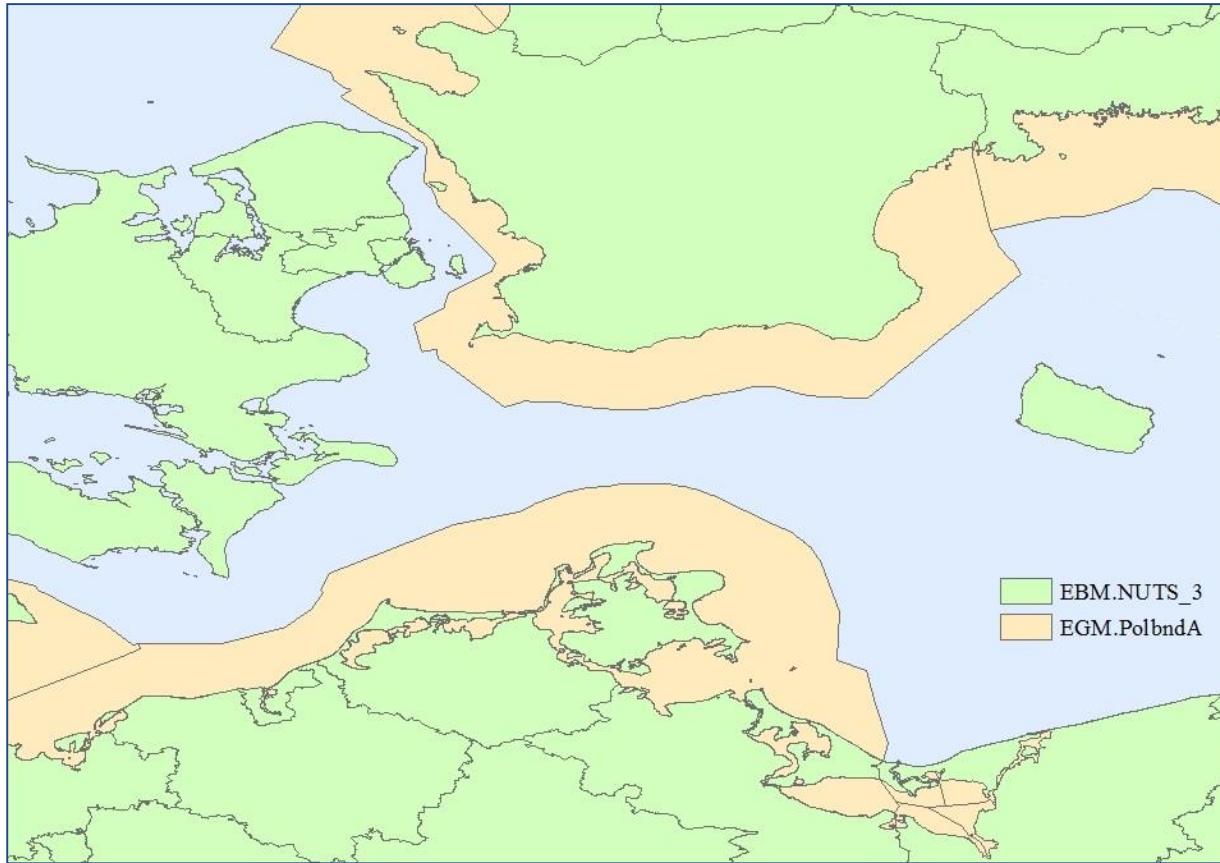
- To keep perfect consistency between Polbnd feature classes and NUTS3 feature class



Integrating the production of NUTS3 into the process

Specific case: countries of categories 3 and 4

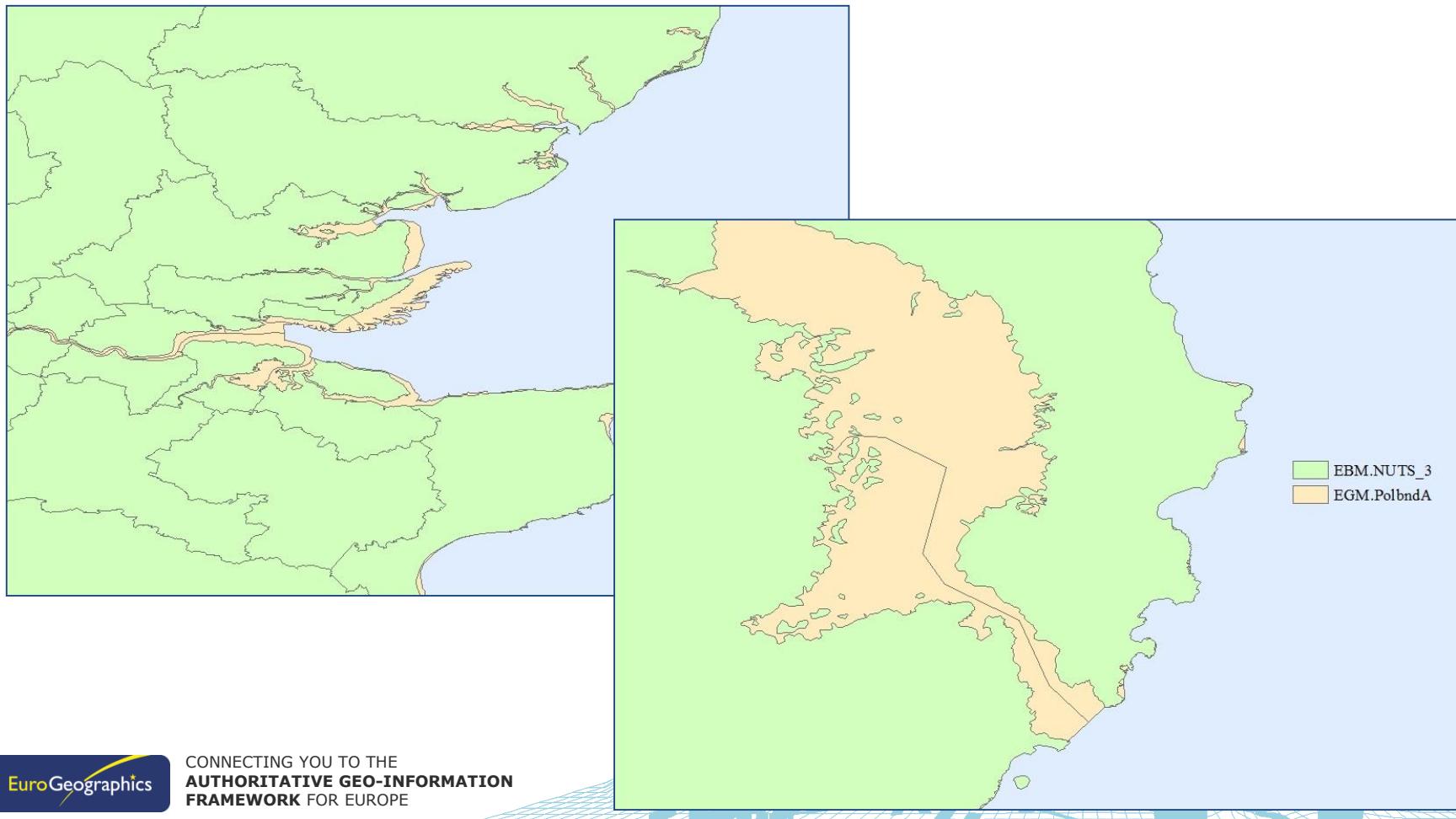
- Parts of administrative units in the sea aren't included in NUTS3 division



Integrating the production of NUTS3 into the process

Specific case: Great Britain and Northern Ireland

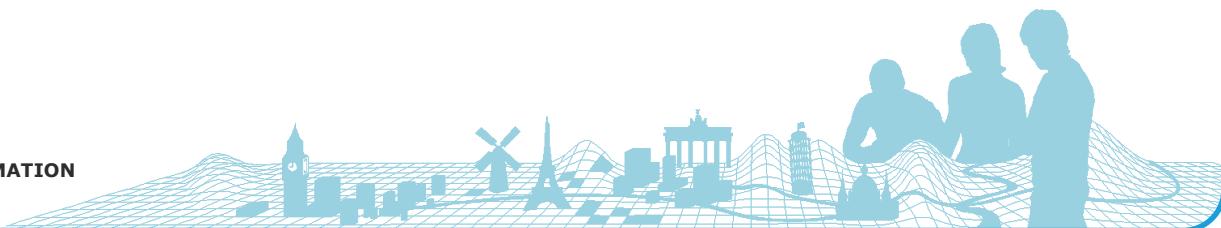
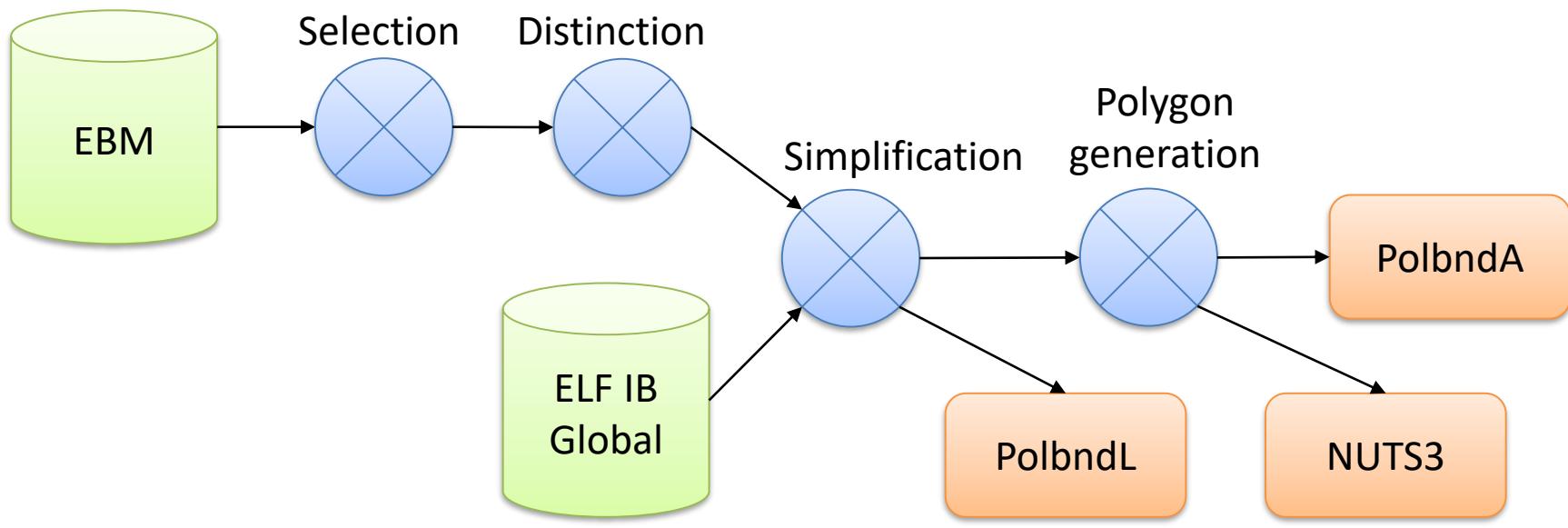
- Water parts of administrative units aren't included in NUTS3 division



Integrating the production of NUTS3 into the process

New approach

- Boundaries for Polbnd and NUTS3 are selected together
- Then they are distinguished: Polbnd only, NUTS3 only, both
- The polygons are generated according to this distinction



Gracias

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Köszönöm

Tack

Grazie

Danke

Tak

Hvala

Takk

Obrigado

Ďakujem

Paldies

Ευχαριστώ

Thanks

Хвала

Kiitos

Thank you
for your attention



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Dziękuje

Ačiū

Děkuji

Tänan

გდადლობა

Grazzi

Mulțumesc

