

An aerial photograph of a multi-lane highway bridge spanning a valley. The bridge has several vehicles, including cars and a truck. Below the bridge, a dense forest with trees in autumn colors (yellow, orange, and green) is visible. A semi-transparent dark grey box is overlaid on the left side of the image, containing the title and authors' names.

Production 2019/2020 EBM and ERM

Jörgen Spradau and Regine Elling, BKG

EG Producer Meeting, Ljubljana, 24th / 25th September 2019

Agenda

Status of production year 2019
Integration of Exonyms in EBM and ERM
Production of EBM and ERM in 2020
International Boundary

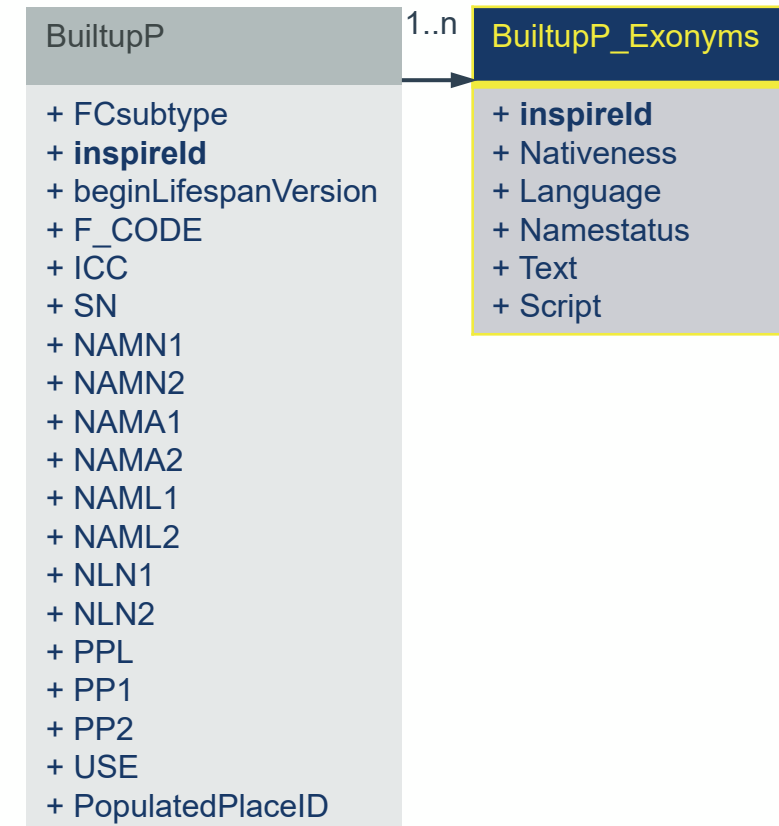
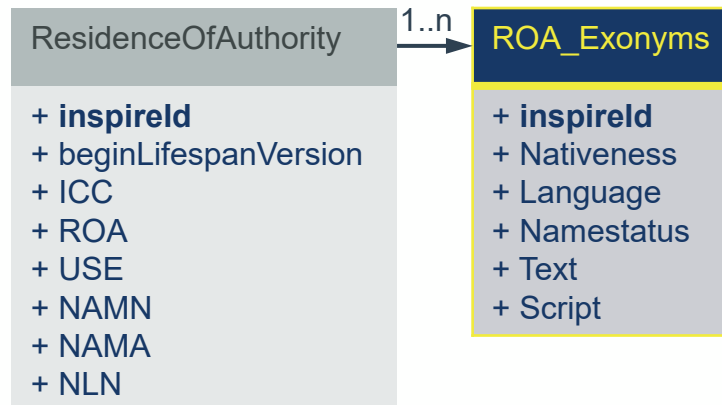
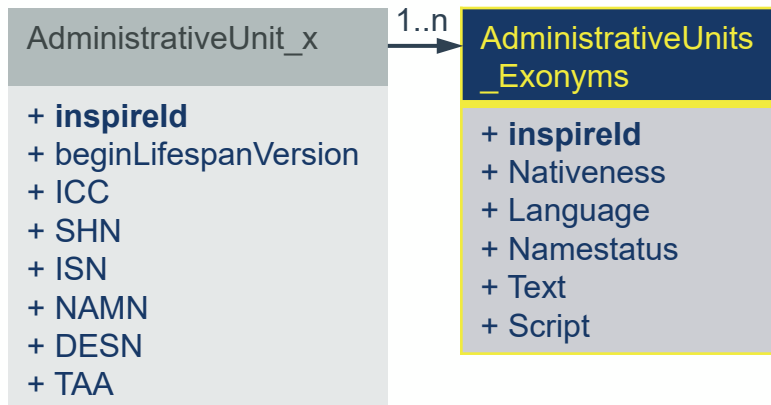
Status of production year 2019

- EBM:
 - New reference date: Some inconsistencies (also Eurostat problem)
 - Outstanding delivery: Poland, Spain
 - Eurostat information: No official information
 - Plan to provide Pre-Release to Eurostat in December, Release on 20.01.2020
- ERM:
 - Updated themes: HYDRO, POP
 - ERM Validator
 - 28.03.2019: Version 2020.0
 - 10.07.2019: Version 2020.1.1 with consistency check
 - Plan to provide assembled group data to BKG on 30.09.2019 (Group B already delivered)
- Plan to provide ERM 2020 / EBM 2020 in spring 2020

Group	Missing countries / No updates for ERM
A	BY, LU
B	MT
C	---
D	AL, BA, HR, HU, ME
E	BG, TR

Integration of Exonyms in EBM and ERM

- Purpose: Improvement of the EG Products with additional geographical names from EG Open Regional Gazetteer
- Linkage through inspireID with tables containing exonyms for
 - AdministrativeUnits_x
 - ResidenceOfAuthority
 - BuiltupP



Integration of Exonyms in EBM and ERM

- Link table: Example Slovenia

inspireID	Nativeness 	Language	Namestatus 	Text	Script 	
_EG.EBM:AU1.SI000000.1	Exonym	- Exonym - Endonym	Standardised	- Official - Standardised - Historical - Other	Latn	
_EG.EBM:AU1.SI000000.1	Exonym		Official		Latn	
_EG.EBM:AU1.SI000000.1	Exonym	por	Standardised		Latn	
_EG.EBM:AU1.SI000000.1	Exonym	ger	Standardised	Slowenien	Latn	
_EG.EBM:AU1.SI000000.1	Exonym	cze	Standardised	Slovinsko	Latn	
_EG.EBM:AU1.SI000000.1	Endonym	mac	Other	Словенија	Cyrl	
_EG.EBM:AU1.SI000000.1	Exonym	geo	Other	სლოვენია	Geor	
_EG.EBM:AU1.SI000000.1	Exonym	gre	Standardised	Σλοβενία	Grek	

Integration of Exonyms in EBM and ERM

- Link table: Example Ljubljana

inspireID	Nativeness	Language
_EG.ERM:EG.bc24f270-95cc-4ad8-a01b-d4897a59a9d9	Exonym	ger
_EG.ERM:EG.bc24f270-95cc-4ad8-a01b-d4897a59a9d9	Exonym	gle
_EG.ERM:EG.bc24f270-95cc-4ad8-a01b-d4897a59a9d9	Exonym	ita
_EG.ERM:EG.bc24f270-95cc-4ad8-a01b-d4897a59a9d9	Exonym	slo
_EG.ERM:EG.bc24f270-95cc-4ad8-a01b-d4897a59a9d9	Endonym	srp
_EG.ERM:EG.bc24f270-95cc-4ad8-a01b-d4897a59a9d9	Exonym	geo
_EG.ERM:EG.bc24f270-95cc-4ad8-a01b-d4897a59a9d9	Exonym	gre

Identify
Identify from: <Top-most layer>

BuiltupP
EG.ERM:EG.bc24f270-95cc-4ad8-a01b-d4897a59a9d9
BuiltupA
Exonyms_ERM
Lublañ
Ljubljana
Liubliana
Льубляна
Lublana
Laibach
ლიუბლიანა
Λιουμπλιάνα
Liúibleána
Lubjana
Любляна
Lubiana
Liubliana
Lioumpliána
Liubliana
Lublana
Lyublyana
Льубльана
Liubliana

Location: 14,535412 46,019858 Decimal Degrees

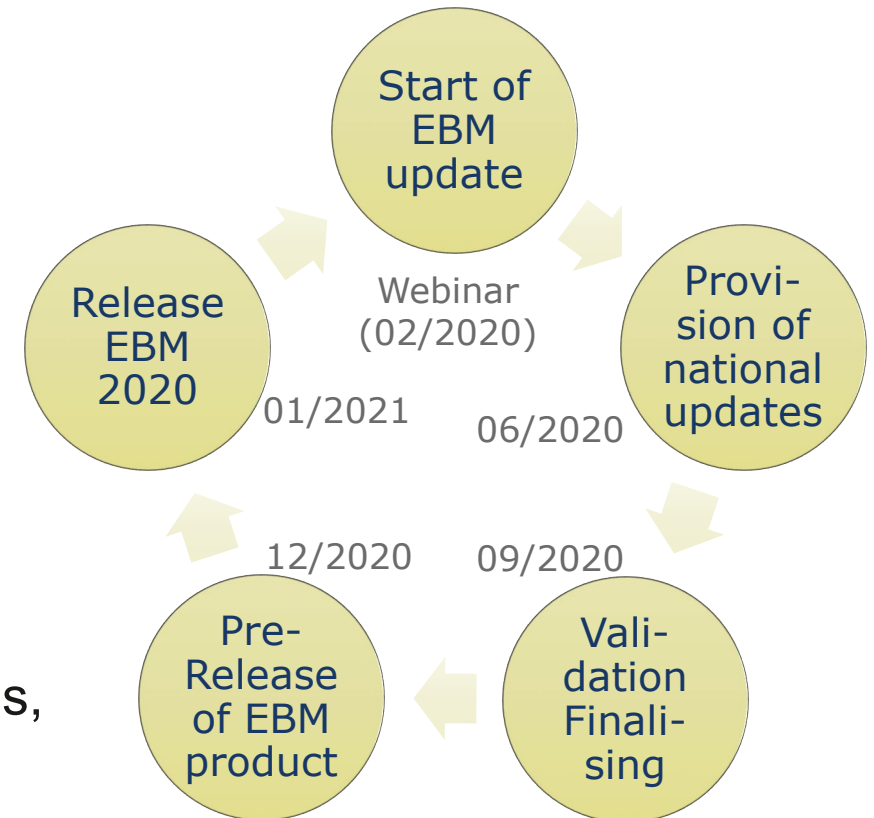
Field	Value
OBJECTID	249294
Shape	Point
FCsubtype	Populated Place
inspireId	_EG.ERM:EG.bc24f270-95cc-4ad8-a01b-d4897a59a9d9
beginLife...	10.01.2019
F_CODE	AL022
ICC	SI
SN	0
NAMN1	Ljubljana
NAMN2	N_A
NAMA1	Ljubljana
NAMA2	N_A
NAML1	N_A
NAML2	N_A
NLN1	SLV
NLN2	N_A
PPL	280310
PP1	-29997
PP2	-29997
USE	International
Populate...	N.SI.BUILTUP.10110084

Production of EBM and ERM in 2020

- Production of EBM
 - Reference date: 31.12.2019
 - Changes should be between 01.01.2019 and 31.12.2019 → Effective Date
 - The data model and all documents are kept stable
 - There are no new requirements, take care of:
 - Distance of vertex > 5 m
 - Area < 4 ha only as exceptions
 - Update NUTS-table

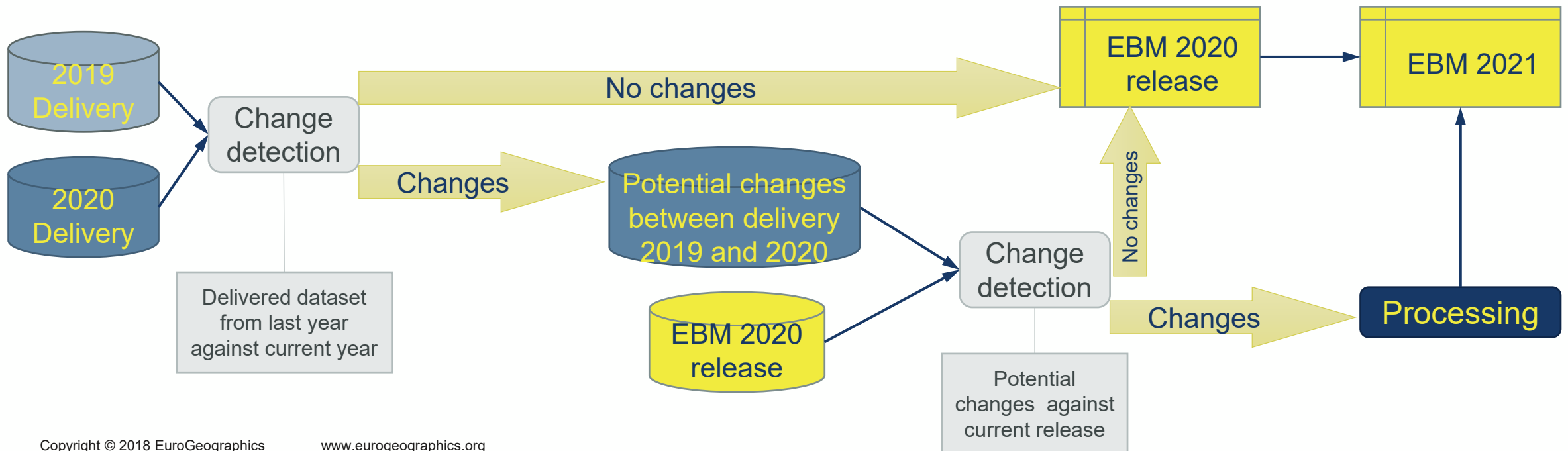
Production of EBM and ERM in 2020

- Production of EBM
 - NMCA's have to update the following content of the EBM database:
 - Feature class EBM_A → basic EBM geometry
 - Table EBM_NAM → basic EBM attribution
 - Feature class ResidenceOfAuthority
 - Table EBM_NUTS
→ Keep aware of regulation NUTS2016
 - Table EBM_ISN
 - NMCA's shall deliver only those feature classes or tables, where changes occur



Production of EBM and ERM in 2020

- Production of EBM
 - New production workflow at BKG to validate Data Producers data / change detection
→ Support further processing



Production of EBM and ERM in 2020

- Production of ERM
 - BND
 - Consistency with EBM update
 - Real update
 - TRANS
 - POP
 - ERM Master database with features located on IB → Check edge matching for TRANS
 - Changes in Specification are still under discussion
 - Presentation “Technical issues concerning EG products and news in PMS” and poll in PMS

Production of EBM and ERM in 2020

- Timetable for Production → Publication as EBM 2021 / ERM 2021 in spring 2021

01.03. ← Provision of production plan, documents and data to producers

Provide national production plan in PMS → 15.03.

Delivery of TRANS and POP to RC → 30.06.

Delivery of EBM to PM-EBM → 30.06.

Delivery of metadata / lineage information (PMS) → 30.09.

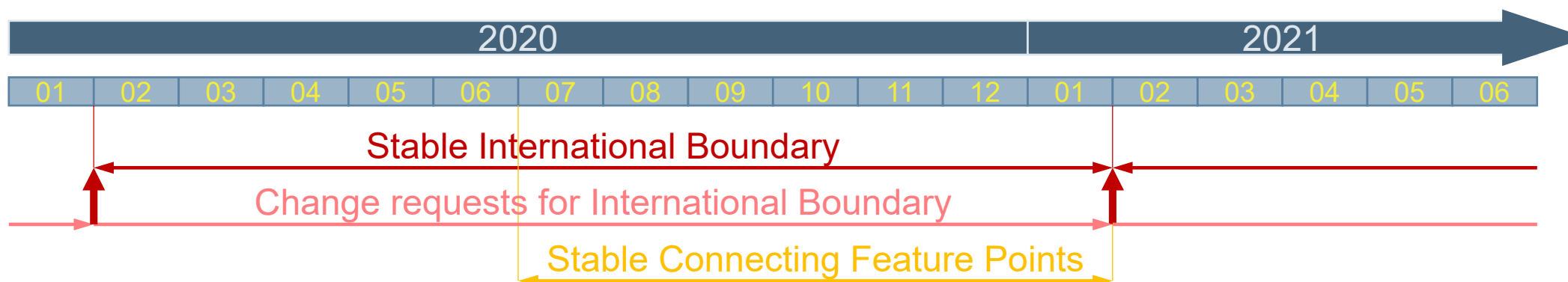
30.09. ← RC: Final validation and aggregation plus delivery to PM-ERM

November ← PMT: Aggregation, last validation, finalisation

Jan 2021 ← EBM: Delivery to Eurostat

International Boundary

- Valid version for EBM 2021 and ERM 2021: ELF IB Regional 2021
- In case of issues (international boundaries and/or connecting features)
 - Contact: ebm@bkg.bund.de
 - Changes of IB or CFPs have to be accepted by neighbouring countries!
 - Changes for IB have to reach BKG at latest in January 2020 to be valid in EBM/ERM 2021
 - Changes for CFPs can be accepted until June 2020

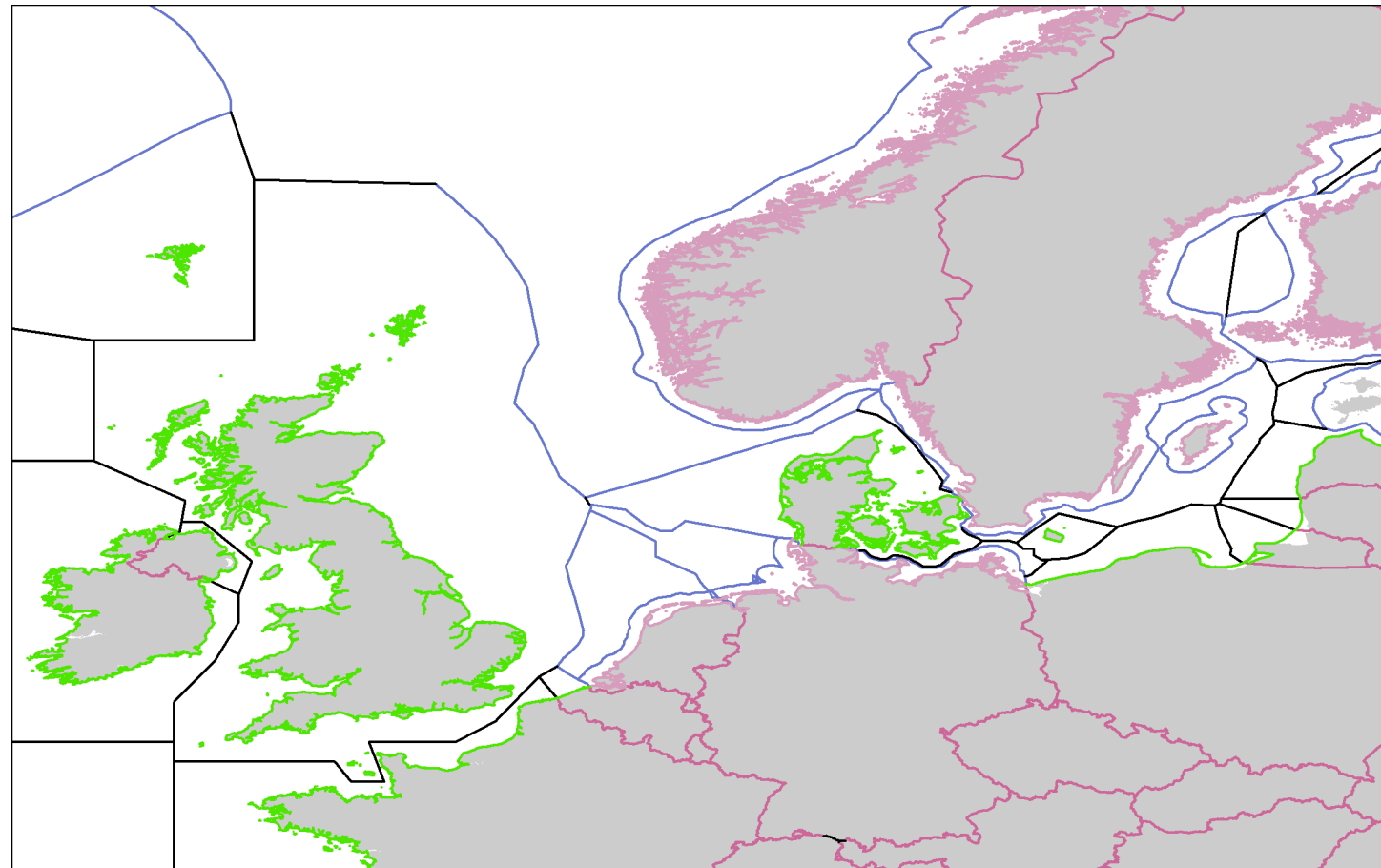


International Boundary

- Sea region – status quo
 - Directory line
 - Maritime boundary
 - TerritorialSea
 - exclusiveEconomicZone
- Plan to smooth Directory Lines

International Boundary

- Coastline_SeaLimit
- Coastline_SeaLimit_EBM
- DirectoryLine
- InternationalBoundary
- MaritimeBoundary
- Landmask Area



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Thank you for your attention

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