

An aerial photograph of a multi-lane highway bridge. Several cars and a truck are visible on the bridge. The surrounding landscape is covered in trees with vibrant autumn foliage in shades of yellow, orange, and red. A semi-transparent dark grey box is overlaid on the left side of the image, containing the title and authors' names.

Production EBM and ERM 2019

Jörgen Spradau and Regine Elling, BKG

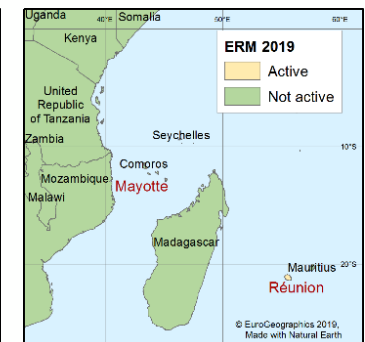
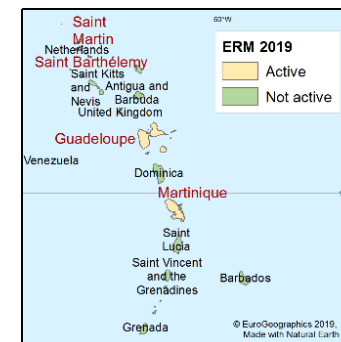
Webinar of the EG Data Producers to kick-off production

Agenda

Review production year 2018
Production year 2019
International Boundary
Information and data management

Review production year 2018

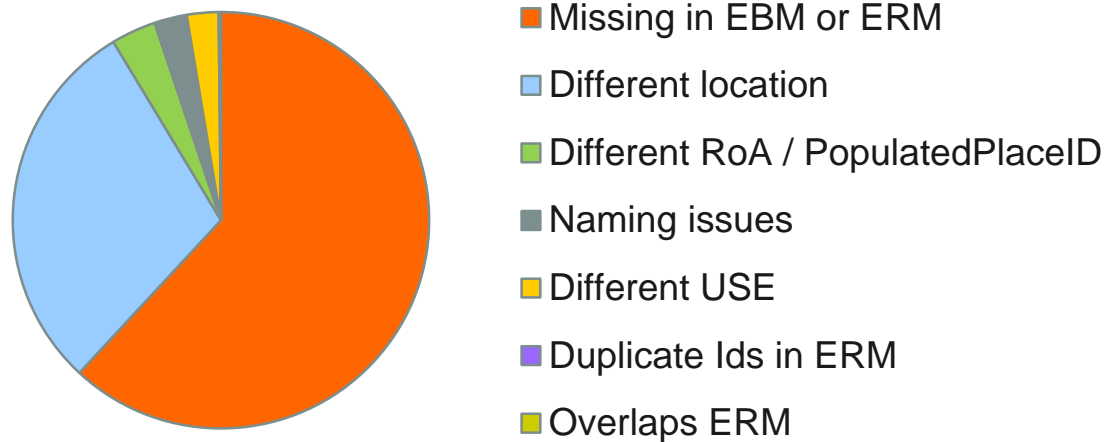
- New data for ERM:
Ukraine, French overseas territories
- Updated ERM themes: BND, TRANS, POP, VEG
- Harmonisation and consolidation of metadata and lineage information for EBM and ERM
- No update of TEN-T by DG MOVE
- Calculated INSPIRE-ID for countries with no ID
- Change of calculation method of ARA and LEN
- Correction of annotation feature class
- Delivery to Eurostat by 20th January 2019
- Remaining task:
Provide EBM 2019 and ERM 2019 to public



Review production year 2018

- Consistency assessment between EBM and ERM: BuiltupP ↔ Residence of Authority

Before:



Most countries with under 300 issues
Some countries with more than 1500 issues
Few countries with a really big amount of issues (over 6000)

Summary:

- Response was good and a lot of errors were corrected, but not all Data Producers reacted
- Up to 4 feedback loops were needed to correct errors
- Exceptions were detected
- Consistency will hopefully be improved with changes in ERM template and possibility to check with ERM Validator Tool

Production year 2019



- New four year contract with Eurostat for EBM (not for ERM)
- Production of EBM and ERM will go on as usual

Production year Product	2019 EBM 2020 / ERM 2020	2020 EBM 2021 / ERM 2021	2021 EBM 2022 / ERM 2022	2022 EBM 2022 / ERM 2022
EBM	x	x	x	x
ERM – BND	x	x	x	x
ERM – HYDRO	x		x	
ERM – TRANS		x		x
ERM – POP	x	x	x	x
ERM – MISC			x	
ERM – NAME			x	
ERM – VEG				x

Production year 2019

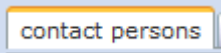

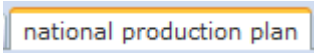
- Regional Coordinator for group A
 - Kadaster NL
 - Contact persons:
 - Marieke Kuijer
 - Tony Baving
- New Regional Coordinator for group C:
 - National Center of Remote Sensing and Geoinformatics (GIS-Centras)
 - Contact persons:
 - Birutė Vilūnaitė
 - Dr. Lina Papšienė
 - Aliona Milentjeva

WELCOME BACK!



Production year 2019

- Production Plan for EBM 2020 and ERM 2020 was sent to Data Producers by mid of March 2019
 - Combined work plan for EBM, ERM and EGM
 - Describes all deliverables for Data Producers


- Production Management System
 - Update contacts 
 - Provide information of your production environment 
 - Fill in National Production Plan until 31st March 2019 
 - Metadata and lineage information until 30th September 2019
→ Please refer to technical webinar last October

EG Meetings. download presentations and documents of meetings

Please select a meeting:

Production year 2019

- Contact information in PMS
 - NMCA
 - Responsible persons

NMCA	Name english	EBM	ERM	EGM
 BKG	Federal Agency for Cartography and Geodesy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

NMCA

EBM - Release

ERM - Release

NMCA:

BKG

EBM: ☒

ERM: ☒

ERM Region:

Group A (The Netherlands (Ben))

Name original:

Bundesamt für Kartographie und Geodäsie

Name english:

Federal Agency for Cartography and Geodesy

Web:

www.bkg.bund.de

1 2

address 1:

Richard-Strauss-Allee 11

address 2:

address 3:

postalcode:

60598

city:

Frankfurt am Main

metadata address:

☒

metadata contact:

☐

Title:

Ms

Firstname:

Regine

Lastname:

Elling

Department:

Referat GI3

Jobtitle:

calling code:

+49

location:

Frankfurt am Main, Richard-Strauss-Allee 11

phone:

69 6333 346

mobile:

fax:

69 6333 441

mail_1:

regine.elling@bkg.bund.de

mail_2:

EBM role:

ERM role:

National production coordinator (POC)

EGM role:

contact from:

2016

(YYYY)

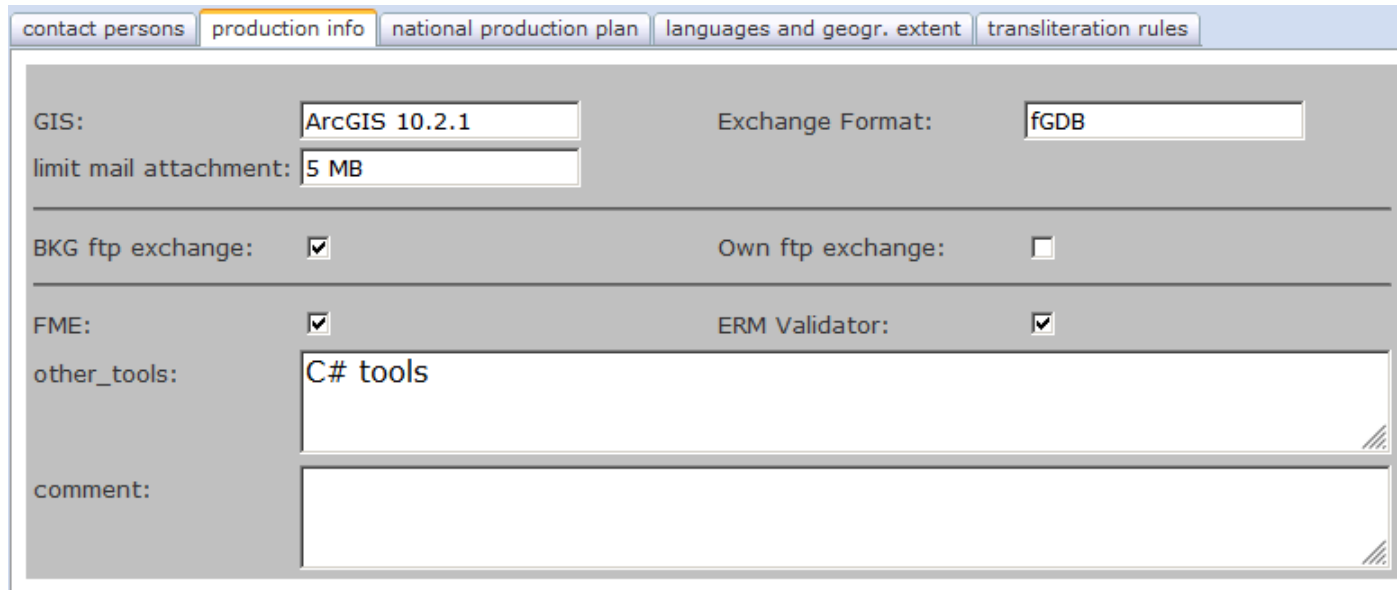
contact until:

(YYYY)

Not working for EG products any more?
Please set "contact until" year.

Production year 2019

- Production information in PMS



The screenshot shows the 'production info' tab in the PMS interface. It contains several input fields and checkboxes for configuring production settings.

contact persons		production info		national production plan		languages and geogr. extent		transliteration rules	
GIS:	ArcGIS 10.2.1	Exchange Format:	fgDB						
limit mail attachment:	5 MB								
BKG ftp exchange:	<input checked="" type="checkbox"/>	Own ftp exchange:	<input type="checkbox"/>						
FME:	<input checked="" type="checkbox"/>	ERM Validator:	<input checked="" type="checkbox"/>						
other_tools:	C# tools								
comment:									

Production year 2019

- National production plan in PMS

contact persons production infos **national production plan** languages and geogr. extent transliteration rules

2019 download productionplan

add production plan

contact persons production infos **national production plan** languages and geogr. extent transliteration rules

2019 download productionplan

EuroBoundaryMap

The reference date of EBM 2020 is 31.12.2018. Can you provide your update according to this reference date?

please select

Update can be delivered to

Which type of EBM update will be provided?

please select

Additional comments:

The national update has to be provided by 30.6.2019. Can you meet this deadline?

please select

EuroRegionalMap

ERM-BND will be derived automatically from EBM. Are there any national issues or constraints concerning this?

please select

Data producers are asked for a real update of theme Hydrography (HYDRO). Can you provide a full update?

please select

The national update of theme HYDRO has to be provided by 30.6.2019. Can you meet this deadline?

please select

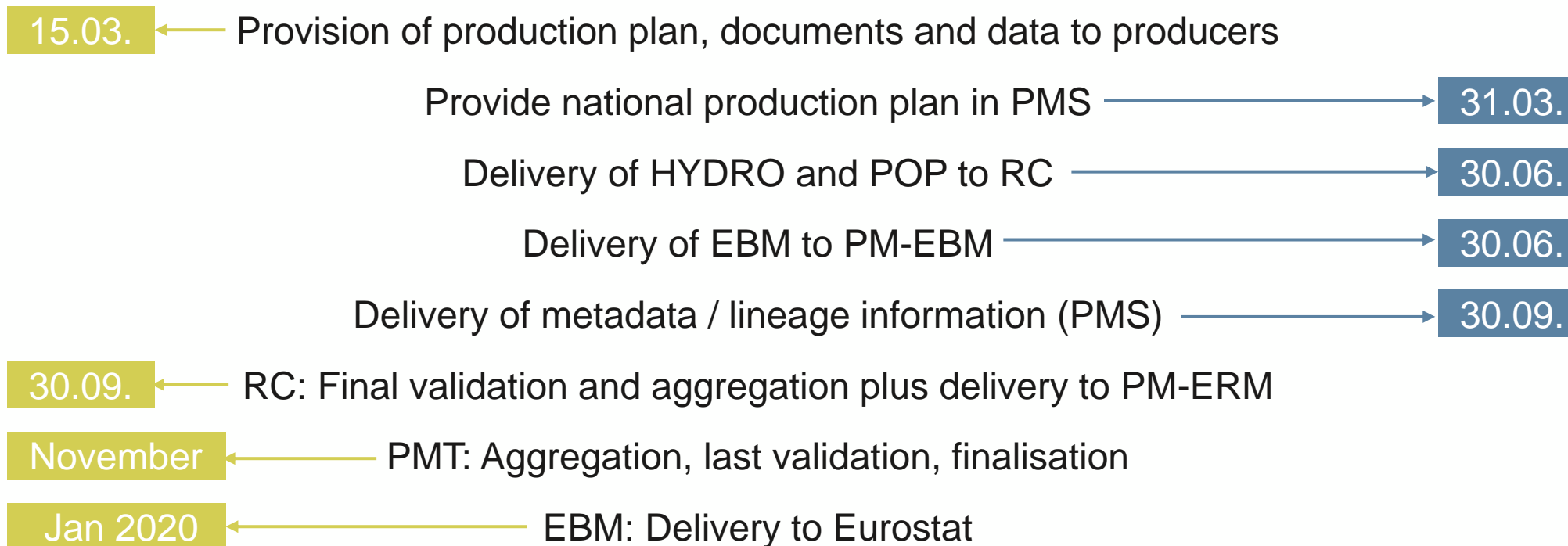
Data producers are asked for a real update of theme Settlement (POP). Can you provide a full update?

please select

The national update of theme POP has to be provided by 30.6.2019. Can you meet this deadline?

please select

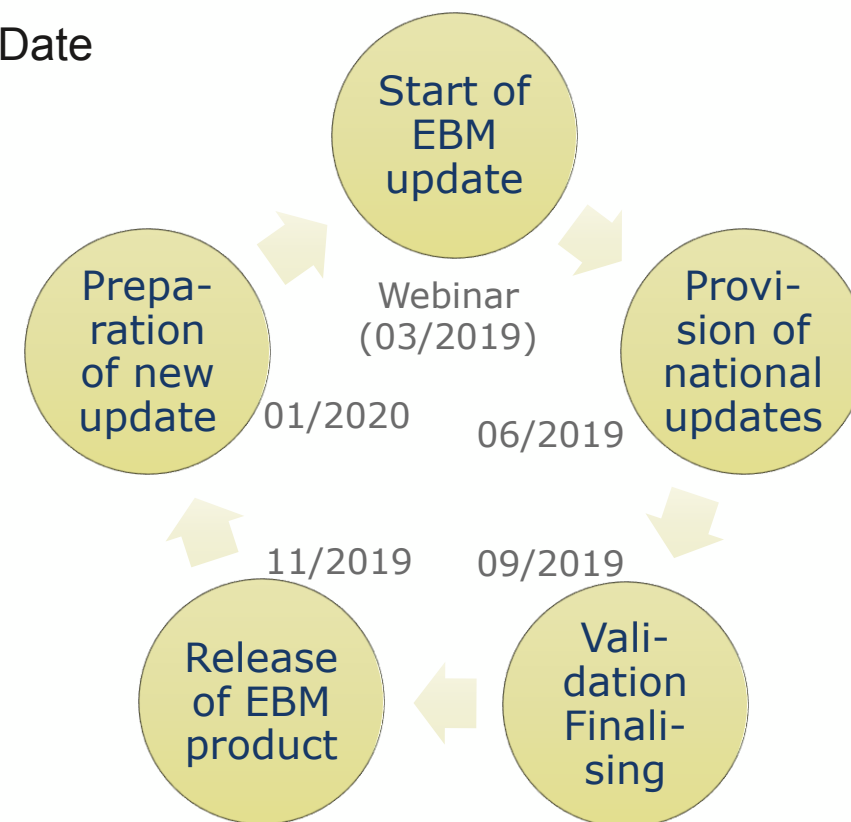
Timetable for Production of EBM and ERM in 2019



EBM Production in 2019

- **New reference date: 31.12.2018**
- Changes should be between 01.01.2018 and 31.12.2018 → Effective Date
- EBM 2019 (NUTS 2016) is basis for upcoming provision (see FTP server and/or [Eurostat](#))
- The data model and all documents are kept stable
- NMCAAs 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
- NMCAAs shall deliver only those feature classes or tables, where changes occur

The production of the next update will be carried out in the usual workflow!



EBM Production in 2019

- Changes in data model
 - Removed ICC domain
- Changes in seamless release DB
 - Add placeholders for:

ICC	EU	ISO	Name
AM		AM	Armenia
AZ		AZ	Azerbaijan
SJ		SJ	Svalbard and Jan Mayen
SX		SX	Sint Maarten

ERM Production in 2019

- ERM-BND:
 - Derived from EBM
 - Issues to be solved:
 - Coastline for Great Britain
 - Border between Romania and Moldova



ERM Production in 2019

- Update:
 - Theme Hydrography
 - Change in specification for Spring Point Feature Classes (SpringC, SpringP): Name attributes (NAMN1, NAMN2, NAMA1, NAMA2, NLN1, NLN2) are added (optional)!
→ Reason: Springs which are in the dataset are considered as landmarks or vital to the environment and often have names
 - New HydroID needed and no NHI available ?
→ Use ID-Generator in PMS

ID-Generator. centrally organized and generated unique ID's

Thematic or Inspire	<input type="text" value="Thematic"/>
Country (choose EG for european tasks):	<input type="text" value="IT"/>
Product:	<input type="text" value="ERM"/>
Featureclass:	<input type="text" value="WatcrsL:HydroID"/>
The prefix after your selection will be:	N.IT.WATCRS.
Your last id:	will be created
How many ID's do you need:	<input type="text" value="1"/>
Buttonclick will open new browser window <input type="button" value="generate ID's"/>	

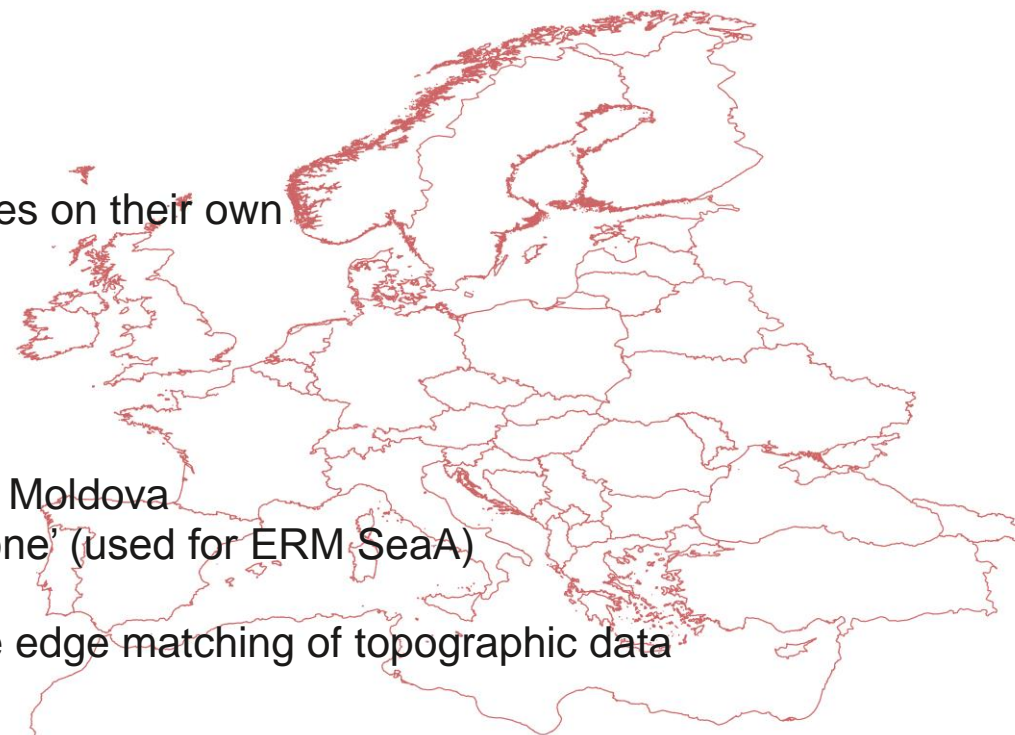
ERM Production in 2019

- Update:
 - Theme Settlements
 - Change in specification for USE value of BuiltupP!
 - Harmonisation with EBM

EBM: ResidenceOfAuthority	USE			ERM: BuiltupP (old)
1st order (country level)	1	=	1	1st order (country level) (23)
2nd order	2	=	2	2nd order (26)
3rd order	3	=	3	3rd order (30)
4th order	4	=	4	4th order (31)
5th order	5	=	5	5th order (111)
6th order	6	=	6	6th order (112)

International Boundaries

- NMCAAs are not allowed to make any changes on these boundaries on their own
- In case of issues → contact ebm@bkg.bund.de
- IB_Regional_2020.gdb (on FTP server):
 - InternationalBoundary: Has to be used for EBM/ERM
 - InternationalBoundary_ERM: Border between Romania and Moldova
 - MaritimeBoundary: 'territorial sea' or 'exclusive economic zone' (used for ERM SeaA)
 - ConnectingFeaturePoint:
 - Store points on the international boundaries, where the edge matching of topographic data has been already agreed for ERM
 - Match your ERM updates to these points (or use them to discuss edge matching with neighbouring countries)
 - FeaturesOnBorder:
 - Point and line features located on the international boundary
 - If there are no changes Data Producers shall not deliver those features again! If changes occur please perform edge matching.



Information and data management

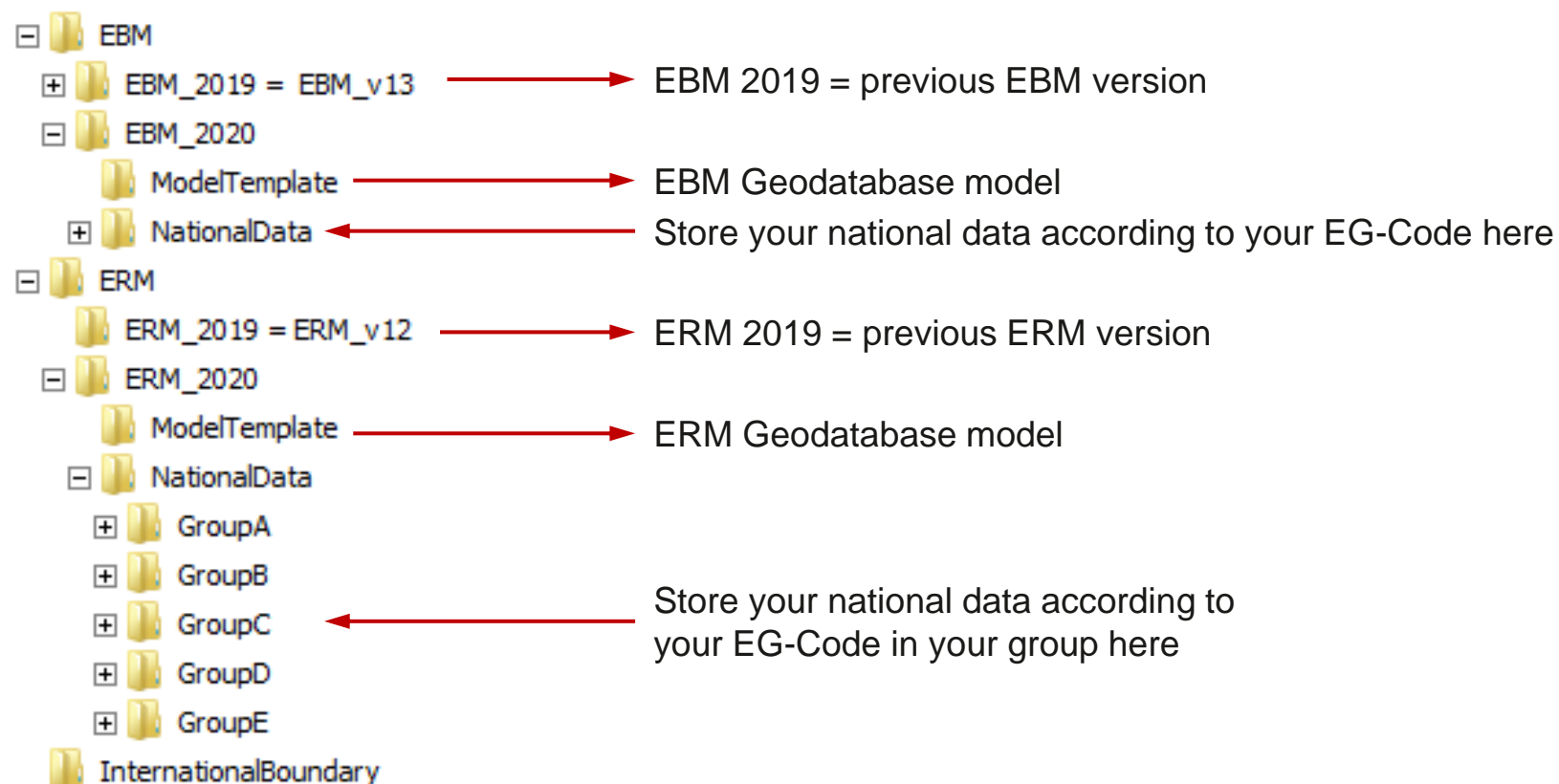
- Information exchange: Production Management System → <https://ebrm.bkg.bund.de/pms>
 - Access information for you did not change
 - Contacts
 - Technical documents, PPT from meetings
 - Metadata and lineage information
- Data exchange: BKG-FTP → <ftp://ftp.bkg.bund.de>
 - Please use FTP program
 - Access information: Username did not change, new password: **2019#EG_jar**
 - Take care of naming conventions:
 - From Data Producers (NMCAs) to Regional Coordinator:
→ ERM_2020_ICC_THEME-THEME_YYYYMMDD.ZIP
 - From Regional Coordinator to Data Producers (NMCAs):
→ ERM_2020_ICC_THEME-THEME_YYYYMMDD_QANumber.ZIP
 - From Regional Coordinator to Production Management Team:
→ ERM_2020_GroupX_THEME-THEME_YYYYMMDD.ZIP

EBM, ERM and EGM Production Management System

EG Contact/Product Database. organize the contacts and products

Information and data management

■ Structure of BKG-FTP:



Contact

- If you have any questions concerning the production or you have understanding issues please contact your Regional Coordinator or the Production Management Team at BKG

BKG	Regine Elling, Alexander Reichelt, Jörgen Spradau	ebm@bkg.bund.de
Group A	Marieke Kuijer, Tony Baving	marieke.kuijer@kadaster.nl , tony.baving@kadaster.nl
Group B	Clément Godin	clement.godin@ign.fr
Group C	Birutė Vilūnaitė, Dr. Lina Papšienė, Aliona Milentjeva	b.vilunaite@gis-centras.lt , l.papsiene@gis-centras.lt , a.milentjeva@gis-centras.lt
Group D	Andreas Pammer, Alexander Knapp	andreas.pammer@bev.gv.at , alexander.knapp@bev.gv.at
Group E	Constantin Nagorneac	cnagorneac@gmail.com

- If you have any questions concerning the ERM Validator Tool please contact Kadaster NL
→ QMEG@kadaster.nl
- If you have any questions concerning EuroGeographics, the contract with Eurostat or licensing please contact Angela Baker → angela.baker@eurogeographics.org

Webinar of the EG Data Producers to kick-off production

Thank you for your attention

Contact:

Jörgen Spradau and Regine Elling
Federal Agency for Cartography and Geodesy
Richard-Strauss-Allee 11
60598 Frankfurt am Main / Germany

Email: ebrm@bkg.bund.de