

EuroBoundaryMap Production 2015

Marcus Brühl / BKG

Technical Meeting of the EG Data Producers, 31.3.2015

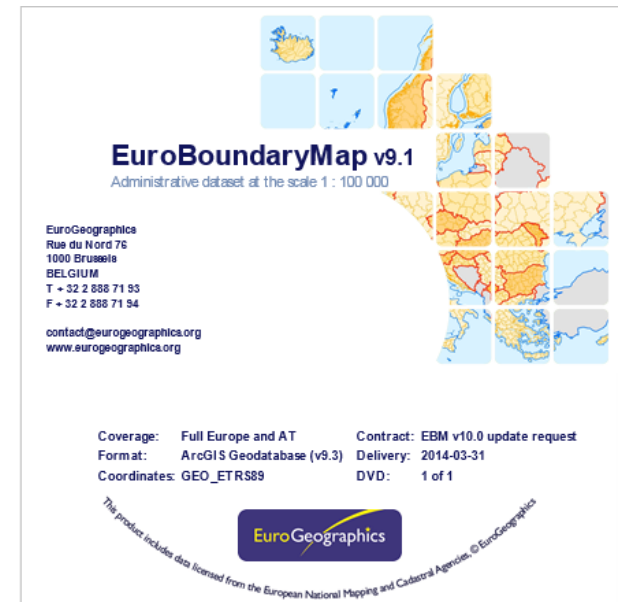


EBM v9.0

- Finalised end of 2014
- Delivered to Eurostat: 9.1.2014

EBM v9.1

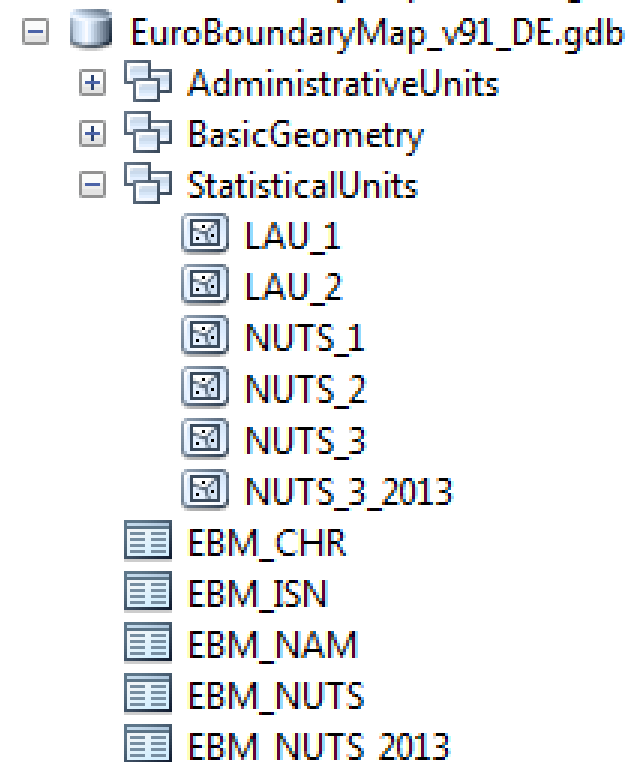
- Additional validation of LAU/NUTS matching
- Official product release
 - Distributed to customers/VARs (March 2015)
- Web pages updated
- Basis for next EBM update



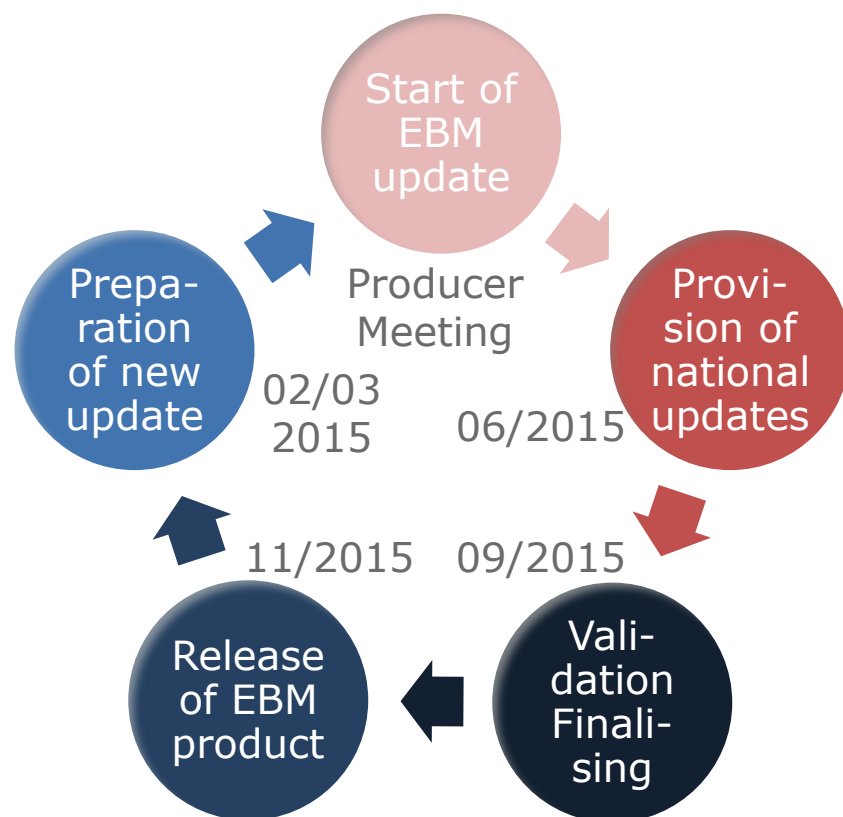
EBM v9.1 improvements

- General update for reference date 1.1.2014
- Integration of inspireId
- New country specific solutions for LAU/NUTS matching:
 - Greece, Great Britain (Scotland)
- Matching with new NUTS regulation

→ EBM v9.1 serves both
NUTS 2010 and NUTS 2013



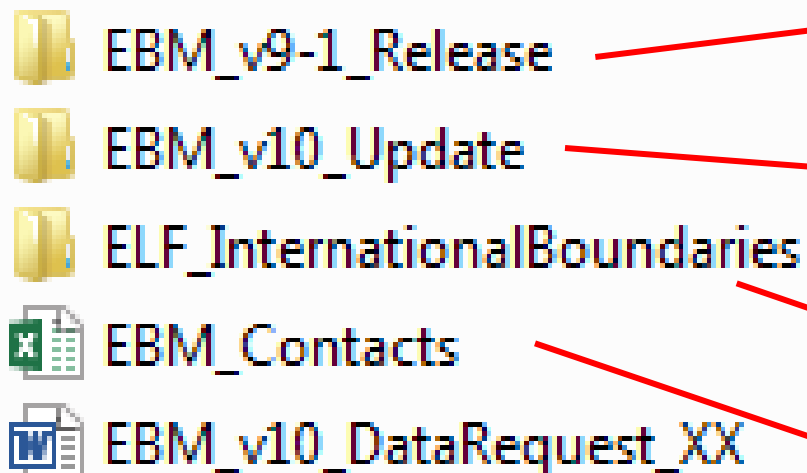
EBM v10.0 update



- Reference date: **1.1.2015**
- Issues:
 - Coverage extension
 - Consolidation/update of population figures and residence of authority
 - Consistency EBM – ERM
 - Correct matching LAU/NUTS (NUTS 2013)
 - Exonyms (English)
 - Update EBM_ISN
- Delivery date of the update: **30th June (!!)**



EBM v10.0 update DVD



as provided to
Eurostat/customers

additional material for
EBM update (incl.
Spec/TG)

common international
boundaries EBM/ERM

EBM contact
information
(please update)

return questionnaire
until **17.4.2015**

→ *EBM_Contacts.xls*

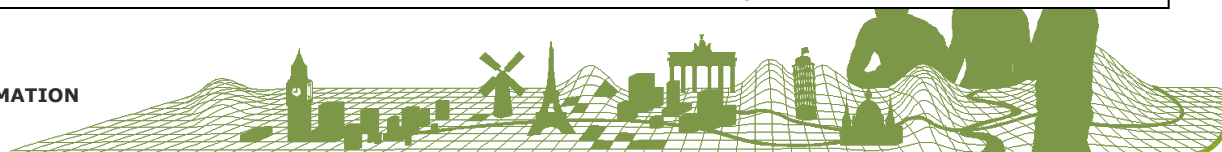


EBM v10.0 coverage extension

Complete European coverage is a mandatory Eurostat requirement!

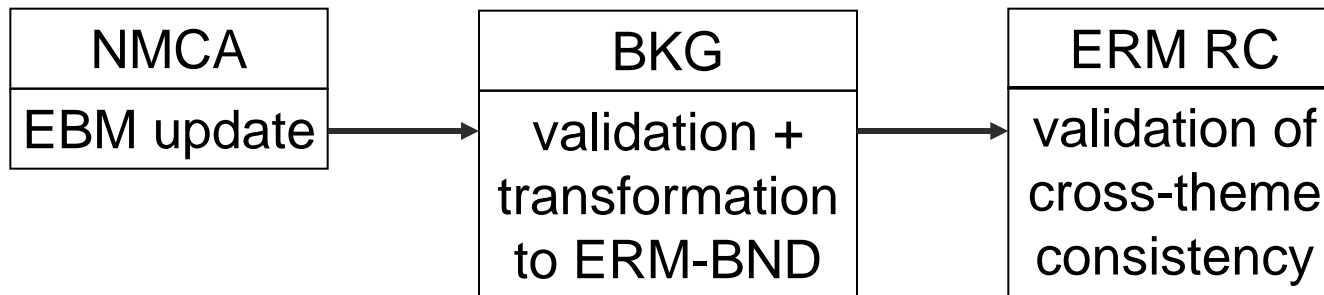
EuroGeographics has to deliver all countries, either by official national contributions OR derived from other data sources!

- ☐ ☒ possible EBM extension
- ☐ ☒ out of scope
- ☐ ☒ EBM
- ☐ ☒ <all other values>



Consistency EBM – ERM-BND

- Preferred workflow:

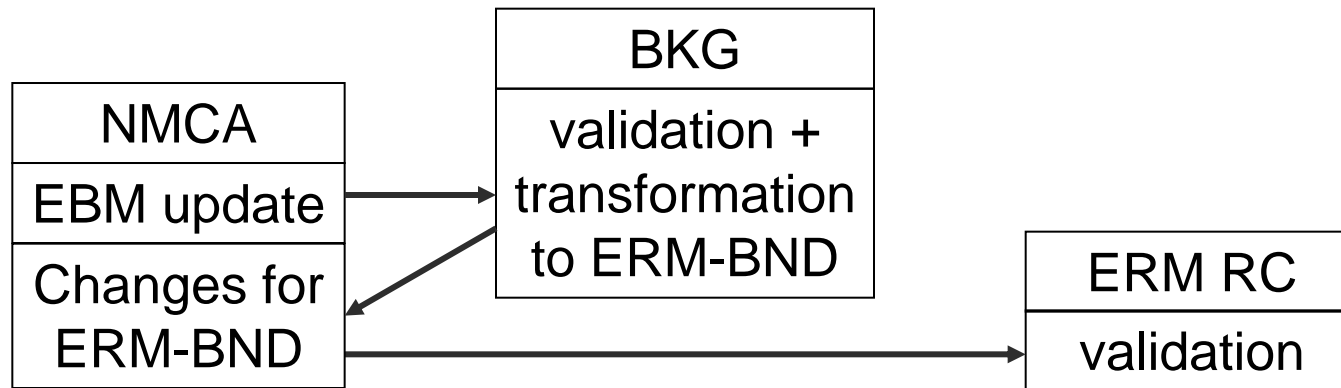


- Prerequisite:
 - same geometry for international boundaries, national boundaries and coastlines
- Consequence:
 - ERM RCs don't accept any direct contribution of ERM-BND from NMCAs



Consistency EBM – ERM-BND

- Intermediate solution:

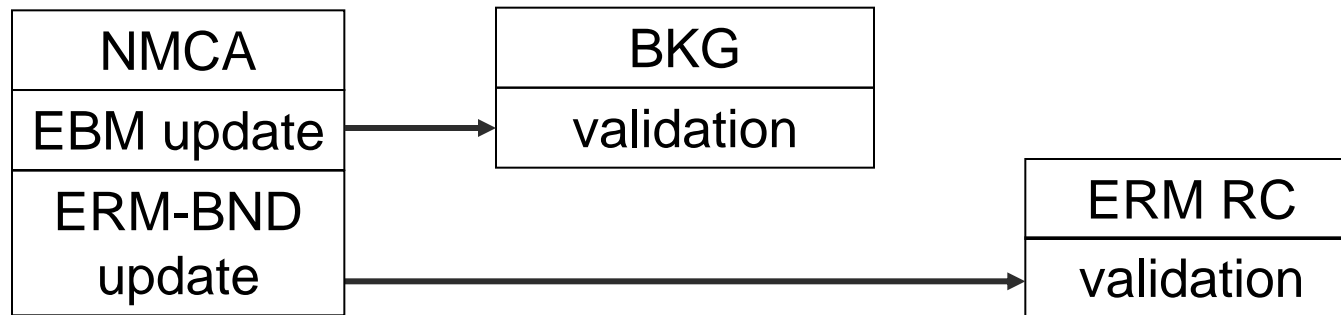


- Consequence:
 - NMCAs can make changes, e.g. substitute EBM coastlines by ERM coastlines
- Shortcoming:
 - EBM and ERM-BND not consistent



Consistency EBM – ERM-BND

- Previous workflow (to be abolished):



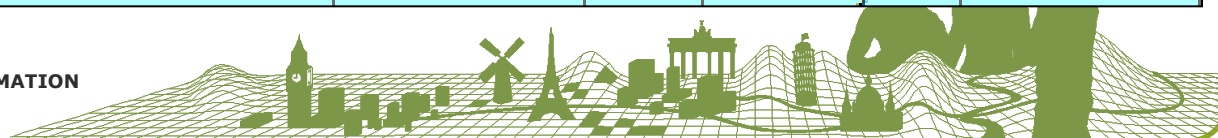
- Consequence:
 - Additional work for NMCAs
- Shortcoming:
 - EBM and ERM-BND not consistent
 - Detailed EBM validation not applied for ERM-BND



EBM v10.0 – update table EBM_ISN

- Two new attributes:
 - **DES_ENG**: Designation of the national administrative hierarchy level (DESN) translated into English
 - **SU**: Statistical unit – Indicates the statistical level to which the administrative level refers to. It is only attributed if the relation is biunique.
- Both attributes are already pre-calculated:
 - See database **EBM_v10_addition.gdb** (on the DVD)
 - Please review and correct

EBM_ISN								
	ICC	ISN	USE	DESN	DESA	NLN	DES ENG	SU
	Austria	4101	1st order	Republik	Republik	GER	Country	Not applicable
	Austria	4102	2nd order	Bundesland	Bundesland	GER	County	NUTS2
	Austria	4103	2nd order	Bundesland	Bundesland	GER	County	NUTS2
	Austria	4104	3rd order	Bezirkshauptmannschaft	Bezirkshauptma	GER	Political District	Not applicable
	Austria	4105	4th order	Gemeinde	Gemeinde	GER	Community	LAU2



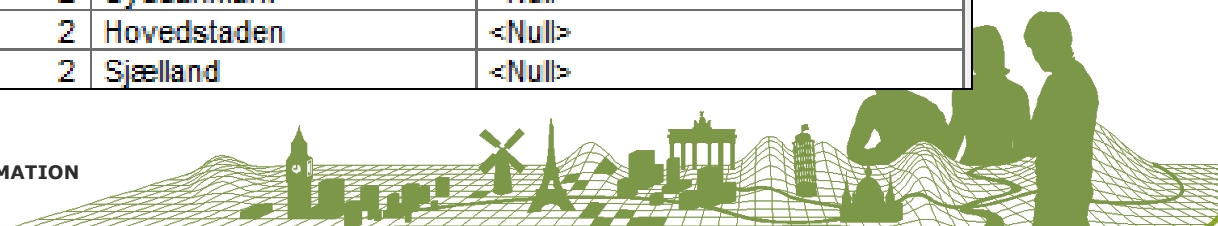
EBM v10.0 – English exonyms

- EBM product contains all names in official national language
- For specific use cases (visualisation) it is useful to provide also exonyms, especially English translations
 - Exonym: Name used in a specific language for a geographical feature situated outside the area where that language is spoken, and differing from the name used in an official or well-established language of that area where the geographical feature is located (UNGEGN)
 - Most countries maintain a national register of exonyms
- EBM v10.0:
 - First version: upper administrative levels and national capitals
 - Pre-defined set of names, partly pre-calculated
 - See database **EBM_v10_addition.gdb** (on the DVD)
 - Please review, correct and append



EBM v10.0 – English exonyms

EBM_NAM_exonyms					
	ICC	SHN	USE	NAMN	NAM ENG
	DE	DE000000000000	1	Deutschland	Germany
	DE	DE010000000000	2	Schleswig-Holstein	Schleswig-Holstein
	DE	DE020000000000	2	Hamburg	Hamburg
	DE	DE030000000000	2	Niedersachsen	Lower Saxony
	DE	DE040000000000	2	Bremen	Bremen
	DE	DE050000000000	2	Nordrhein-Westfalen	North Rhine-Westphalia
	DE	DE060000000000	2	Hessen	Hesse
	DE	DE070000000000	2	Rheinland-Pfalz	Rhineland-Palatinate
	DE	DE080000000000	2	Baden-Württemberg	Baden-Württemberg
	DE	DE090000000000	2	Bayern	Bavaria
	DE	DE100000000000	2	Saarland	Saarland
	DE	DE110000000000	2	Berlin	Berlin
	DE	DE120000000000	2	Brandenburg	Brandenburg
	DE	DE130000000000	2	Mecklenburg-Vorpommern	Mecklenburg-Western Pomerania
	DE	DE140000000000	2	Sachsen	Saxony
	DE	DE150000000000	2	Sachsen-Anhalt	Saxony-Anhalt
	DE	DE160000000000	2	Thüringen	Thuringia
	DK	DK000000000000	1	Danmark	Denmark
	DK	DK108100000000	2	Nordjylland	<Null>
	DK	DK108200000000	2	Midtjylland	<Null>
	DK	DK108300000000	2	Syddanmark	<Null>
	DK	DK108400000000	2	Hovedstaden	<Null>
	DK	DK108500000000	2	Sjælland	<Null>



EBM outlook

- Future of EBM depending on:
 - Willingness of EuroGeographics and its members to produce a data product
 - Development of ELF project
 - Sufficient number of customers/users
- General idea for EBM:
 - Fasten production
 - Yearly update with reference date 1st January
 - Public release in late autumn

