



**Expert support and technical assistance for the implementation of pilot projects
extending the CORINE Land Cover (CLC) methodology in the six Eastern Partnership
countries**

Task 3 Production and quality control, technical reports

DBTA Report (MD)

v1 (05/2020)

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 **gisat**

space  environment

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SUMMARY

Country: Republic of Moldova
Delivery: Final
Received: 22.5.2020
Accepted: 28.5.2020

This Database Technical Acceptance (DBTA) report summarizes the results of the technical acceptance procedure done for final data of "Pilot projects extending the CORINE Land Cover (CLC) methodology in the six Eastern Partnership countries" for Republic of Moldova according the standard check list as defined in the CLC2018 'Guidelines for delivery'. Technical quality has been checked for all data and metadata provided in the delivery (CLC00, CLC18 and CHA18).

Summary check list

Country: Republic of Moldova

Delivery contents	<i>Checked</i>	<i>Corrected</i>	<i>Status</i>	<i>Notes</i>
CHA18	•		✓	<i>see details</i>
CLC00	•		✓	<i>see details</i>
CLC18	•		✓	<i>see details</i>
Metadata - Working unit level				<i>see details</i>
Metadata - Country level	•		✓	<i>see details</i>

- check/correction performed
- ✓ data/metadata accepted for integration
- ✗ data/metadata not accepted - request for improvement has been issued to NT

COORDINATE REFERENCE SYSTEM

Description of Coordinate Reference System (CRS) of the final products:

National

EPSG code 4026
Datum MOLDREF99
type geodetic
valid area Republic of Moldova

Prime meridian Greenwich
longitude 0°

Ellipsoid GRS 80
semi major axis 6378137 m
inverse flattening 298.257222101

Projection Moldova TM

Latitude of natural origin 0° N
Longitude of natural origin 28°24' E
false easting 200 000 m
false northing -5 000 000
scale factor 0.99994

European

EPSG code 3035
Datum ETRS89 (European Terrestrial Reference System 1989)
type geodetic
valid area Europe / EUREF

Prime meridian Greenwich
longitude 0°

Ellipsoid GRS 80 (New International)
semi major axis 6 378 137 m
inverse flattening 298.257222101

Projection Geographic (Ellipsoidal Coordinate System)

Datum shift parameters used

Not applied

DETAILED DATA CHECK LIST – CHANGE LAYER

Country: Republic of Moldova				
Dataset: CHA18				
<i>Checked item</i>	<i>Checked</i>	<i>Corrected</i>	<i>Status</i>	<i>Notes</i>
A - Formal specification check criteria				
1 - File format	•		✓	
2 - File name convention	•		✓	
3 - Attributes definition	•		✓	
4 - Attributes name convention	•		✓	
5 - Coordinate reference system (CRS)	•		✓	
B - Mapping specification check criteria				
1 - Minimal mapping unit (MMU)	•		✓	
2 - Unique identifier	•		✓	
3 - Valid codes	•		✓	
4 - Mapping area buffer	•		✓	
C - Topology specifications check criteria				
1 - No self-crossing polygons boundary	•		✓	
2 - No overlapping polygons	•		✓	
3 - No neighbouring polygons with the same code	•		✓	
4 - No artificial boundaries in data	•		✓	
5 - No gaps in data	-		-	
6 - No multipart polygons	•		✓	
7 - No polygons with the same code_06 and code_12 values	•		✓	
8 - Cross-layer consistency	•		✓	

- check/correction performed
- ✓ conform with criteria
- ✓ request for clarification or completion
- ✗ not conform with criteria

Notes:

DETAILED DATA CHECK LIST – CLC2000 LAYER

Country: Republic of Moldova				
Dataset: CLC00				
<i>Checked item</i>	<i>Checked</i>	<i>Corrected</i>	<i>Status</i>	<i>Notes</i>
A - Formal specification check criteria				
1 - File format	•		✓	
2 - File name convention	•		✓	
3 - Attributes definition	•		✓	
4 - Attributes name convention	•		✓	
5 - Coordinate reference system (CRS)	•		✓	
B - Mapping specification check criteria				
1 - Minimal mapping unit (MMU)	•		✓	B1
2 - Unique identifier	•		✓	
3 - Valid codes	•		✓	
4 - Mapping area buffer	•		✓	
C - Topology specifications check criteria				
1 - No self-crossing polygons boundary	•		✓	
2 - No overlapping polygons	•		✓	
3 - No neighbouring polygons with the same code	•		✓	
4 - No artificial boundaries in data	•		✓	
5 - No gaps in data	•		✓	
6 - No multipart polygons	•		✓	

- check/correction performed
- ✓ conform with criteria
- ✓ request for clarification or completion
- ✗ not conform with criteria

Notes:

B1 - There are <25ha polygons present (41 polygons), all of them qualify as border polygons.

DETAILED DATA CHECK LIST – CLC2018 LAYER

Country: Republic of Moldova				
Dataset: CLC18				
<i>Checked item</i>	<i>Checked</i>	<i>Corrected</i>	<i>Status</i>	<i>Notes</i>
A - Formal specification check criteria				
1 - File format	•		✓	
2 - File name convention	•		✓	
3 - Attributes definition	•		✓	
4 - Attributes name convention	•		✓	
5 - Coordinate reference system (CRS)	•		✓	
B - Mapping specification check criteria				
1 - Minimal mapping unit (MMU)	•		✓	B1
2 - Unique identifier	•		✓	
3 - Valid codes	•		✓	
4 - Mapping area buffer	•		✓	
C - Topology specifications check criteria				
1 - No self-crossing polygons boundary	•		✓	
2 - No overlapping polygons	•		✓	
3 - No neighbouring polygons with the same code	•		✓	
4 - No artificial boundaries in data	•		✓	
5 - No gaps in data	•		✓	
6 - No multipart polygons	•		✓	

- check/correction performed
- ✓ conform with criteria
- ✓ request for clarification or completion
- ✗ not conform with criteria

Notes:

B1 - There are <25ha polygons present (41 polygons), all of them qualify as border polygons.

DETAILED METADATA CHECK LIST

Country: Republic of Moldova				
<i>Checked item</i>	<i>Checked</i>	<i>Corrected</i>	<i>Status</i>	<i>Notes</i>
M - Metadata specifications check criteria				
1 - Working unit level - Format				M1
2 - Working unit level - Contents				M2
3 - Working unit level - Completeness				M3
4 - Working unit level - Reference file				M4
5 - Country level - Format	•		✓	
6 - Country level - Contents	•		✓	
7 - Country level - Completeness	•		✓	

- check/correction performed
- ✓ conform to criteria
- ✓ request for clarification or completion
- ✗ not conform to criteria

Notes:

M1, M2, M3, M4 - Because the pilot area was just a single working unit, the Working unit level metadata was not created.