**END DF4\_8 Strategic noise maps 2022**

# Technical Feedback

# Agglomerations

Dear Reporter,

The result of the Technical Acceptance Process for the submission related to **Country** **END DF4\_8 Strategic noise maps 2022 – Agglomerations** (<https://reportnet.europa.eu/dataflow/87>0) **released on 04/01/23 at 21:03:10 is** **Correction Requested**.

Please see the details of the Technical Acceptance. If errors or warnings are detected, additionally attached files include the details about the errors or warnings found.

## Geographical information input and validation

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| **Code** | **Check** | **Result** | **Detail** |
| GM1 | Identification of GeoPackages files from SourceIdentifier field | Failed / Passed | See details in file Check\_GM1.csv. (empty if Passed) |
| GM2 | Merging geometry with tabular data:* Tabular data from R3 can not be merged with geometries from GeoPackage file (failed result test)
* GeoPackage include additional features not included in the tabular data from R3 (passed with warning result test). These additional features in GeoPackage are ignored.
 | Not processed / Failed / Passed / Passed with warnings | Not processed due to preceding error/s.See details in file Check\_GM2.csv.  |
| GM3 | Geometry validation and correction: invalid geometries after makeValid() function in SQL | Not processed / Failed / Passed | Not processed due to preceding error/s.See details in file Check\_GM3.csv.  |

## Missing mandatory information: exposure data

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| **Code** | **Check** | **Result** | **Detail** |
| MI1 | Table ExposureValueInAgglomeration is empty | Not processed/ Failed / Passed | Not processed due to preceding error/s. |
| MI3 | Missing mandatory bands in table ExposureValueInAgglomeration: Missing one or more mandatory bands (for Lden / Lnight) defined in noiseLevel per “mostExposedFacade” in the table ExposureValueInAgglomeration per agglomerationIdIdentifier, LAU code if provided, and noiseSource.   | Not processed/ Failed / Passed | Not processed due to preceding error/s.See details in file/s Check\_MI3\_agg\_exp.csv. |

## Consistence checks in exposure data

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| **Code** | **Check** | **Result** | **Detail** |
| LC16 | The total number of inhabitants reported in DF1\_5 for each agglomeration should be equal or greater than the sum of exposedPeople in exposureType = “mostExposedFacade” for all Lden noise bands reported per each noiseSource of the corresponding agglomeration.  | Failed / Passed | Failed due to preceding error/s.See details in file Check\_LC\_agg.csv.  |
| LC17 | The total number of inhabitants reported in DF1\_5 for each agglomeration should be equal or greater than the sum of exposedPeople in exposureType = “mostExposedFacade” for all Lnight noise bands reported per each noiseSource of the corresponding agglomeration.  | Failed / Passed | Failed due to preceding error/s.See details in file Check\_LC\_agg.csv.  |
| LC18 | For exposureType = “mostExposedFacade” and noiseSource = “agglomerationAir”, the sum of exposedPeople for the noise bands Lden5559, Lden6064, Lden6569, Lden7074 and LdenGreaterThan75 should be equal or greater than the sum of exposedPeople for the noise bands Lden5559, Lden6064, Lden6569, Lden7074 and LdenGreaterThan75 for exposureType= “mostExposedFacade” and noiseSource= “agglomerationMajorAirport” per agglomeration.  | Failed / Passed | Failed due to preceding error/s.See details in file Check\_LC\_agg.csv.  |
| LC19 | For exposureType = “mostExposedFacade” and noiseSource = “agglomerationAir”, the sum of exposedPeople for the noise bands Lnight5054, Lnight5559, Lnight6064, Lnight6569, LnightGreaterThan70 should be equal or greater than the sum of exposedPeople for the noise bands Lnight5054, Lnight5559, Lnight6064, Lnight6569, LnightGreaterThan70 for exposureType= “mostExposedFacade” and noiseSource= “agglomerationMajorAirport” per agglomeration. | Failed / Passed | Failed due to preceding error/s.See details in file Check\_LC\_agg.csv.  |
| LC20 | For exposureType = “mostExposedFacade” and noiseSource = “agglomerationRailway”, the sum of exposedPeople for the noise bands Lden5559, Lden6064, Lden6569, Lden7074 and LdenGreaterThan75 should be equal or greater than the sum of exposedPeople for the noise bands Lden5559, Lden6064, Lden6569, Lden7074 and LdenGreaterThan75 for exposureType= “mostExposedFacade” and noiseSource= “agglomerationMajorRailway” per agglomeration. | Failed / Passed | Failed due to preceding error/s.See details in file Check\_LC\_agg.csv.  |
| LC21 | For exposureType = “mostExposedFacade” and noiseSource = “agglomerationRailway”, the sum of exposedPeople for the noise bands Lnight5054, Lnight5559, Lnight6064, Lnight6569, LnightGreaterThan70 should be equal or greater than the sum of exposedPeople for the noise bands Lnight5054, Lnight5559, Lnight6064, Lnight6569, LnightGreaterThan70 for exposureType= “mostExposedFacade” and noiseSource= “agglomerationMajorRailway” per agglomeration. | Failed / Passed | Failed due to preceding error/s.See details in file Check\_LC\_agg.csv.  |
| LC22 | For exposureType = “mostExposedFacade” and noiseSource = “agglomerationRoad”, the sum of exposedPeople for the noise bands Lden5559, Lden6064, Lden6569, Lden7074 and LdenGreaterThan75 should be equal or greater than the sum of exposedPeople for the noise bands Lden5559, Lden6064, Lden6569, Lden7074 and LdenGreaterThan75 for exposureType= “mostExposedFacade” and noiseSource= “agglomerationMajorRoad” per agglomeration. | Failed / Passed | Failed due to preceding error/s.See details in file Check\_LC\_agg.csv.  |
| LC23 | For exposureType = “mostExposedFacade” and noiseSource = “agglomerationRoad”, the sum of exposedPeople for the noise bands Lnight5054, Lnight5559, Lnight6064, Lnight6569, LnightGreaterThan70 should be equal or greater than the sum of exposedPeople for the noise bands Lnight5054, Lnight5559, Lnight6064, Lnight6569, LnightGreaterThan70 for exposureType= “mostExposedFacade” and noiseSource= “agglomerationMajorRoad” per agglomeration. | Failed / Passed | Failed due to preceding error/s.See details in file Check\_LC\_agg.csv.  |

## Spatial information: contour maps in line geometry type

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| **Code** | **Check** | **Result** | **Detail** |
| UL1 | Check if all lines/multilines are closed  | Not processed/Failed / Passed | Not processed due to preceding error/s.See details in file Check\_UL1.csv |

## Supplementary information about the completeness of exposure data

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| **Code** | **Check** | **Result** | **Detail** |
| CC5 | Missing agglomerations in the table ExposureAgglomeration in comparison with DF1\_5 reported agglomerations. | Not processed/Not missing data: considered complete / Missing data to be provided | Not processed due to preceding error/s. / Information about missing data can be checked in file Check\_CC5.csv. |
| CC6 | Missing noiseSource per agglomeration in the table ExposureAgglomeration in comparison with DF1\_5 reported applicableSource per agglomeration. | Not processed/Not missing data: considered complete / Missing data to be provided | Not processed due to preceding error/s. / Information about missing data can be checked in file Check\_CC6.csv. |
| CC7 | Missing minimum LAU codes covered by the agglomeration boundaries in the table ExposureValueInAgglomeration per noiseSource. | Not processed/Not missing data: considered complete / Missing data | Not processed due to preceding error/s. / Information about missing data can be checked in file Check\_CC7.csv. |

## Supplementary information about the completeness of the noise contour maps

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| **Code** | **Check** | **Result** | **Detail** |
| CC8 | One or more noise contour maps in NoiseContours\_airportsInAgglomeration\_Lden, NoiseContours\_industryInAgglomeration\_Lden NoiseContours\_railwaysInAgglomeration\_Lden, NoiseContours\_roadsInAgglomeration\_Lden are missing in comparison with the applicableSource per agglomeration reported in DF1\_5.  | Not processed/No missing data: considered complete / Non mandatory missing data  | Not processed due to preceding error/s. / Information about missing data can be checked in file Check\_CC8.csv. |
| CC9 | Missing noise bands in the tables NoiseContours\_airportsInAgglomeration\_Lden, NoiseContours\_industryInAgglomeration\_Lden, NoiseContours\_railwaysInAgglomeration\_Lden, NoiseContours\_roadsInAgglomeration\_Lden: Missing one or more bands defined in category in the tables listed above (Lden6064 or Lden60, Lden6569 or Lden65, Lden7074 or Lden70, LdenGreaterThan75) per agglomeration. | Not processed/No missing data: considered complete / Non mandatory missing data  | Not processed due to preceding error/s. / Information about missing data can be checked in file Check\_CC9.csv. |