This document provides information on the software used to calculate the indicators for the 2024 INSPIRE Monitoring and Reporting.

The indicators DSi1.1, DSi1.2, DSi1.3, DSi1.4, DSi1.5 were calculated using the INSPIRE Geoportal; the indicators DSi2, DSi2.1, DSi2.2, DSi2.3, NSi2, NSi2.1, NSi2.2, NSi4, NSi4.1, NSi4.2, NSi4.3, NSi4.4 were calculated using the INSPIRE Geoportal as well as the M&R Tools; finally, the indicators MDi1.1, MDi1.2 were calculated using the INSPIRE Reference Validator.

- The INSPIRE Geoportal is based on the open source software GeoNetwork v.4.2.12 (not yet available under the main branch of GeoNetwork) and was used to calculate the accessibility indicators NSi2, NSi2.1 and NSi2.2 (the related log files are accessible here).
- To address GeoNetwork limitations in the assessment of the conformity of datasets and services (highly dependent on interoperable encodings), a set of SQL queries were used to assess the dataset conformity (ad-hoc-script) and the service conformity (ad-hoc script).

In agreement with the release plan, the version of the INSPIRE Reference Validator used to calculate the abovementioned indicators is v.2024.3, released on 2024-09-25 (see the release notes here). This version of the Reference Validator supported the INSPIRE Good Practice on data-service linking simplification. In addition, the INSPIRE Reference Validator included a potential bug, whose result is a sometimes non-stable test result on the Coupled Resource test on TG Requirement 3.6, when testing service metadata. The potential bug has an extremely low chance of occurrence and is described here.