



ANNEX 3

Data services areas

A. Scientific data management

1. **Data collection activities:** this activity relates to the configuration (for initial set up and following enhancement(s)) of the tools that EFSA uses to receive data files from data providers or creation of data collection tools and pipelines.

This call for tenders and resulting specific contracts/order forms, services/activities comprise:

- the documented collection of requirements for the data collection,
- EFSA data collection tools configuration for new data collections (DCs),
- creation of DC tools and pipelines to address collected requirements,
- the enhancement of existing DCs and DCs tools already configured to address collected requirements,
- the documentation of the DC data flow and data models,
- the verification and testing of all functionalities offered.

Data collection configuration may require the creation/enhancement of XSLT (XML stylesheets) and STX (Stream Transformation XML) transformations.

Integration of business rules and controlled terminology can also be part of data collection activities.

2. **Data connection activities:** this activity relates to the configuration (for initial set up and following enhancement(s)) of the tools that EFSA uses to retrieve data streams from external providers or creation of data connection pipelines.

This call for tenders and resulting specific contracts/order forms, services/activities foreseen comprise:

- the documented collection of requirements for the data connection,
- EFSA data connection tools configuration for new data connections (DCNs),
- creation of DCNs pipelines to address requirements collected,
- the enhancement of existing DCNs already configured to address collected requirements,
- the documentation of the data flow and the data models,
- the verification and testing of all functionalities offered.

Data connection configuration may require the creation/enhancement of scraping tools and web-services/APIs consuming tools.

Integration of business rules and controlled terminology can also be part of data connection activities.