|  |  |
| --- | --- |
| General Description of task(s) and objectives to be achieved | |
| **Context**  FAO in collaboration with the International Atomic Energy Agency (IAEA) are leading the construction of a database on ileal digestibility of protein and amino acids in foods consumed by humans. The development of a database would ensure validation of published protein quality data by FAO and other international organizations while also enhancing public availability of data and allowing an informed decision on the worldwide adoption of DIAAS. Aspects relevant to the operationalization of the database and, including the models and data to be included in the database and the database construction roadmap have been discussed extensively in Joint FAO/IAEA technical expert meetings held in October 2022 and in October 2024.  The database compiles data from the scientific literature, identified through a series of systematic reviews. The Technical Advisory Group provided guidance on the systematic review methodology, in terms of experimental procedures, exposure assessment methods and digestibility assessment protocols. A database architecture has been agreed and data compilation procedures have been developed and piloted by members of the Technical Advisory Group. Nonetheless, due to the volume of published literature in the field, a call for compilers was deemed necessary.  **Request for voluntary contribution:**  Following the data compilation piloting, the expert panel has agreed to form an extended network of compilers who will be involved in data extraction from the literature either in the capacity of primary compiler or as a secondary compiler (double check). Compilers will be trained in data extraction and compilation from a predefined list of published reports, following the commonly agreed compilation guidelines.  **Main responsibilities**  Under the guidance of the expert panel and a dedicated project coordinator the volunteer compiler will contribute towards data extraction, data verification and the overall finalisation of the protein digestibility database  This will be based on the following tasks:   1. **Primary data extraction** Each compiler will be assigned up to 30 published reports to read through and extract relevant data (approx.. time commitment 40 hours) 2. **Secondary data extraction** Each compiler will be assigned up to 30 entries from the database to perform a double check and identify potential errors in the primary data extraction (approx.. time commitment 10 hours) 3. **Attend introductory training and team meetings** All compilers will be part of the extended database preparation team. In order to provide peer support and to ensure data quality the team will:    * Attend a 1–2-hour long demonstration of data extraction procedures based on real examples    * Attend biweekly meetings to report issues, provide peer support and align on timelines and task completion | |
| Key performance indicators | |
| Expected Outputs: | Required Completion Date: |
| 1. Completion of data extraction training and pilot 2. Primary data extraction completed from up to 30 published reports 3. Secondary data extraction and identification of potential sources of errors in primary data extraction in 30 database entries 4. Attendance of at least 70% of the team meetings | 30/10/2025  31/12/2025  31/01/2026  31/01/2026 |