



Notice of call for expressions of interest

Scientific and Technical Support in the area of the assessment of Animal Health and Animal Welfare, Biological Hazards and Chemical contaminants, Pesticides, Plant health, Genetically Modified Organisms for food and feed uses, Food Additives, Food Contact Materials, Food Enzymes, Food flavourings, Feed additives, Novel Foods, Nutrition and Social Science



1. INTRODUCTION TO EFSA AS CONTRACTING AUTHORITY

CONTRACTING AUTHORITY:

European Food Safety Authority (EFSA)
Via Carlo Magno 1A
Parma
43126
Italy
E-mail: EFSAProcurement@efsa.europa.eu

More information about EFSA can be found here: <http://www.efsa.europa.eu/>

2. LIST OF INDIVIDUALS FOR SCIENTIFIC AND TECHNICAL SUPPORT SCHEME

2.1 OBJECTIVE OF THE CALL

The objective of this call for expressions of interest is to establish a list of individuals (natural persons) with scientific expertise to assist EFSA in carrying out preparatory work (including data related activities) in support of EFSA's scientific and risk communication activities with the main focus on the areas of generic risk assessments and the assessment of applications for the authorisation of regulated products, in particular in the areas of Animal Health and Animal Welfare, Biological hazards and Chemical contaminants, Pesticides, Plant health, Genetically Modified Organisms for food and feed uses, Food Additives, Food Contact Materials, Food Enzymes, Food Flavourings, Feed additives, Novel Foods, Nutrition and activities in the area of Social Sciences. The delivered preparatory work will be reviewed by EFSA staff and/or ad hoc experts for its use in EFSA scientific outputs and communications.

This call will replace the previously published calls ([EOI/EFSA/NUTRI/2019/01](#)) and ([EOI/EFSA/SCIENCE/2020/01](#)). Please refer to article 2.3 for further instructions.

Background Information

Many food and feed related products require a scientific assessment to evaluate their safety and/or efficacy before risk managers can authorise them for the EU market. EFSA carries out these assessments to support EU risk managers in their decision-making. These so-called regulated products include substances used in food and feed (such as additives, enzymes, flavourings, novel foods and nutrient sources), food contact materials and pesticides, genetically modified organisms for food and feed uses, food-related processes and processing aids.

EFSA also carries out hazard (biological and chemical) and risk assessments on non-regulated products and hazard monitoring activities in the area of food and feed safety/efficacy, animal health and welfare, plant health and human nutrition. A detailed



description of all our activities can be found on EFSA's [website](#). Information on the data requirements and the activities performed in a risk assessment within each of the areas can be found in the various guidance documents on EFSA's website (RESOURCES and APPLICATIONS). EFSA activities in the realm of social sciences for risk communication are summarised in its [Social Science roadmap](#) and the [Future directions for risk communication](#) editorial.

2.2 FIELDS OF EXPERTISE SOUGHT & EXAMPLES OF TYPICAL TYPES OF EXPECTED TASKS

Individuals are required to indicate their area of expertise using the list of knowledge areas in Annex V.

The following list contains examples of tasks that EFSA can entrust to selected candidates¹:

- Provide preliminary completeness check of dossiers, in compliance with EFSA administrative and scientific guidance documents and guidance from other organisations (e.g. OECD) that apply to EFSA risk assessment
- Perform specific activities to provide advice in relation to risk assessment (e.g. literature analysis, systematic review, supporting an expert knowledge elicitation, data validation, data extraction, data appraisal, [data quality, data cleansing](#) collation and processing, summarising and analysis)
- [Methodological support in performing and/or appraising full or part\(s\) of literature reviews to support evidence-based scientific assessments.](#)
- Provide specific support on data collections from EU Member States (MSs) and other stakeholders via preparations for the annual opening of data collection and providing support during the data collections and after closure
- Prepare summaries and formulate key findings (uncertainties, preliminary conclusions, gaps,) of submitted data/information
- Provide specific support in the preparation of drafts for specific parts of a risk assessment
- Perform specific activities in support of risk assessment (e.g. modelling, geospatial information analysis and processing, assessment of traceability data,)
- Perform peer review activities on draft EFSA scientific outputs at different phases of risk assessment to adoption (focusing on the quality, completeness, consistency and accuracy)
- Support the preparation of public and/or targeted consultations and the preparation of related outcomes (e.g. technical reports)
- Provide ad-hoc support in specific cases (e.g. in relation to the preparation of input data to launch calls-for-data, in relation to specific meetings and/or scientific events).
- Provide expert advice in defining the project idea
- Provide expert advice on specific elements of the tender specifications
- Provide expert advice during the communication phase of the call, e.g. contribution at explanatory webinars, expert contribution to Q/As; prepare presentations and FAQ documents
- Provide an expert opinion about tenders or proposals received, but limiting the opinion to their field of expertise

¹ General tasks provided by way of example, the list is non exhaustive.



- Providing expert opinion about the material submitted by the contractor/beneficiary for meetings; provide expert opinion/contribution during the contract/grant implementation meetings
- Provide expert advice/opinions during the reporting phase of the ~~project EFSA project/process~~, contributing with expert knowledge to preparing the presentations for internal and external stakeholders
- ~~Provide expert advice/opinions on the project EFSA project/process deliverables (intermediate/final), contributing with expert knowledge to preparing presentations for internal and external stakeholders~~
- Provide expert advice/opinions on the ~~project EFSA project/process~~ close artefacts, contributing with expert knowledge to preparing the final ~~project EFSA project/process~~ closure documentations for internal and external stakeholders
- Provide expert advice and support in developing training materials and/or training programmes and/or to deliver training courses as tutors, in scientific topics under the remit of EFSA.
- Provide ad-hoc specific expert scientific advice in different phases of evolution of scientific opinions/assessments, excluding drafting of EFSA opinions and general management of life-cycle of EFSA opinions/assessments

Specifically in the area of social science the following are examples of tasks that EFSA can entrust to selected candidates:

- Support the design of social research and generation of insights to ensure quality throughout EFSA risk communication (audience-first approach)
- Provide expert advice and support in the design of social science research using qualitative and/or quantitative methods, and/or in the associated data collection and analysis, in view of informing risk communication and/or risk assessment in food safety areas.
- Participate in the design of EFSA communication activities based on insights gathered
- Support the development of didactic materials and targeted services for stakeholders (e.g. small and medium enterprises)
- Provide expert advice and support on the analysis of groups and organisations' behaviour to propose effective community management and knowledge management initiatives
- Provide expert advice and support in the collection and analysis of data that can inform knowledge/change management processes
- Provide expert advice and support in the preparation of drafts for reports, toolkits, user guides and any relevant informative material in relation to knowledge management and community management.

2.3 PROCEDURAL ASPECTS OF THE LIST

HOW THE LIST IS ESTABLISHED AND MAINTAINED

- The procedure has its legal basis in Art 237 of the EU Financial Regulation.
- Individuals submit an expression of interest in accordance with the rules set out in this notice.



- EFSA as the contracting authority will draw up a list of individuals who meet the criteria set out at point 3.
- Individuals included in the list do not act or speak on behalf of EFSA and EFSA cannot be held responsible for their actions and expressions.
- Staff in service at EFSA is not eligible for inclusion in the list and cannot be selected for appointment for specific assignments.

LIST DURATION

The list resulting from this call for expression of interests and any further updates are valid for maximum 5 years from the first publication of the open call for expressions of interest (CEI). The list is intended to cover the period of activity of the EFSA mandate in the areas of Animal Health and Animal Welfare, Biological Hazards, Chemical contaminants, Pesticides, Plant health, Genetically Modified Organisms for Food and Feed uses, Food Additives, Food Contact Materials, Food Enzymes, Food Flavourings, Feed additives, Novel Food and Nutrition as well as Social Sciences in the realm of EFSA's risk communication mandate. EFSA retains the right to close the open call for expressions of interest (CEI) at any time.

The list resulting from this call for expression of interests will be used exclusively for execution of the tasks such as those described at point 2.2 above.

Inclusion on the list entails no obligation on the part of EFSA to award a contract.

With this new call EFSA envisages to classify all candidates according to knowledge areas that are aligned with the ones used for EFSA experts and staff. Therefore EFSA will invite (written communication within 2 months of the launch of this call) all candidates that have been deemed eligible for the two previous calls ([EOI/EFSA/NUTR/2019/01](#)) and ([EOI/EFSA/SCIENCE/2020/01](#)) to apply to this new call. To ensure continuity a six-month transition period (starting from the launch of this new call) will be granted to the eligible candidates of the previous calls to apply to this new call. A period during which they can still be contracted by EFSA under the previous calls. If a previous eligible candidate applies to the new call, he/she will automatically be deemed eligible. The valid lists with experts from calls EOI/EFSA/NUTRI/2019/1 and EOI/EFSA/SCIENCE/2020/01 will expire six months after the launch of this new call.

LIMITATION TO VOLUME PER INDIVIDUAL

Maximum amount that can be paid to an individual during the whole duration of the call (5 years) is **143.000 €**, including remunerations and possible reimbursements.

HOW INDIVIDUALS ARE SELECTED FOR PARTICULAR ASSIGNMENTS

~~Where a particular task described at point 2.2 is to be performed by an individual,~~ EFSA as the contracting authority will assign individuals to the task on the basis of the skills, experience and knowledge necessary and in accordance with the principles of non-discrimination, equal treatment and absence of conflict of interests.



The tasks will be formalised in a service request sent to the individual selected and via a specific contract. The specific contract will define in details the exact tasks and duration of the tasks assignment.

DECLARATION OF INTEREST (DoI) AND DECLARATION ON PREVIOUS WORK IN EU INSTITUTIONS

EFSA will request an Individual DoI to be submitted prior to the signature of the contract. The requirement to submit an Individual DoI will be specified in the award letter. **Individual DoI will be assessed by EFSA before and as a condition of the contract signature.** Please refer to EFSA's policy on independence, [the Decision of the Executive Director on Competing Interest Management](#) and [Best practices in declaring interests](#) for more detailed information.

The Individual DoI form is available [here](#).

EFSA will also request a Declaration on previous work in EU institutions to be submitted prior to the signature of the contract, where applicable. The declaration of previous work in EU institutions is available as annex IV of this Notice of call for expressions of interest.

Current EFSA/EU staff member (statutory staff²): should not be awarded contracts

Former EFSA/EU staff member (statutory staff³): in receipt of unemployment allowance from the Union Budget cannot be excluded from signing an ISA contract. The payment of the unemployment allowance is incompatible with the remuneration received for the services provided in force of the ISA contract and therefore it shall cease for the whole duration of the ISA contract. The individual has the responsibility to notify this information to the Paymaster Office (PMO).

Retired EFSA/EU staff member (statutory staff⁴): the value of signed contracts in a given year (i.e. the year in which new ISA contract will be signed) may not exceed the difference between the total annual net salary from the last full year of employment and the annual net pension for the calendar year in which a new ISA contract will be signed.

2.4 CONDITIONS OF APPOINTMENT FOR A PARTICULAR ASSIGNMENT

REMUNERATION

Individuals shall be remunerated at a fixed fee of **360 euros per day worked**.

The individuals shall commit to respect applicable national legislation, including taxation, social security and labour law with regard to any payment received from EFSA.

² Statutory staff (i.e. officials, temporary agents, contract agents). Interims, trainees, seconded national experts (SNEs), contractors and individuals awarded previous ISA contracts with EFSA do not fall within the category of statutory staff.

³ Statutory staff (i.e. officials, temporary agents, contract agents). Interims, trainees, seconded national experts (SNEs), contractors and individuals awarded previous ISA contracts with EFSA do not fall within the category of statutory staff.

⁴ See previous footnote



EXPENSES REIMBURSEMENT

Where applicable, the travel and subsistence expenses will be reimbursed under the conditions set out in the contract according to the conditions stipulated in Annex I.

PLACE OF WORK

Tasks will be carried out in most of the cases remotely and delivered using electronic communication tools. In certain cases, EFSA may request that specific tasks are carried out in EFSA premises or other sites that will be mentioned in the contract specifications.

2.5 EX POST TRANSPARENCY

A list of individuals who have concluded with EFSA a contract of more than 15.000 € following the procedure set out at point 2.3 shall be published on EFSA website, no later than 30 June of the year following the year in which the contract was awarded. Information published includes the name of the individual, the locality (region of origin), the amount, and the subject of the contract. The information shall be removed two years after the year of the contract award.

3. REQUIREMENTS

3.1 ELIGIBILITY CRITERIA

Applicant must have citizenship of a Member State of the European Union (EU), of a country of the European Free Trade Association (EFTA) or of an EU Candidate country. Experts from third countries may also apply and will be considered, if the required level of expertise may not be found among nationals of EU, EFTA or EU Candidate countries.

3.2 EXCLUSION CRITERIA

Individuals shall be excluded from participation in the award where they are in one or more of the following exclusion situations:

- (a) the person or entity is bankrupt, subject to insolvency or winding-up procedures, its assets are being administered by a liquidator or by a court, it is in an arrangement with creditors, its business activities are suspended, or it is in any analogous situation arising from a similar procedure provided for under Union or national law;
- (b) it has been established by a final judgment or a final administrative decision that the person or entity is in breach of its obligations relating to the payment of taxes or social security contributions in accordance with the applicable law;
- (c) it has been established by a final judgment or a final administrative decision that the person or entity is guilty of grave professional misconduct by having violated applicable laws or regulations or ethical standards of the profession to which the person or entity belongs, or by having engaged in any wrongful conduct which has an impact on its professional credibility where such conduct denotes wrongful intent or gross negligence, including, in particular, any of the following:



- (i) fraudulently or negligently misrepresenting information required for the verification of the absence of grounds for exclusion or the fulfilment of eligibility or selection criteria or in the performance of a contract or an agreement ~~implementation of the legal commitment~~;
 - (ii) entering into agreement with other persons or entities with the aim of distorting competition;
 - (iii) violating intellectual property rights;
 - (iv) unduly influencing or attempting to unduly influence the decision-making process to obtain Union funds by taking advantage, through misrepresentation, of a conflict of interests involving any financial actors or persons referred to in Article 61(1) FR of the authorising officer responsible during the award procedure;
 - (v) attempting to obtain confidential information that may confer upon it undue advantages in the award procedure;
 - (vi) incitement to discrimination, hatred or violence against a group of persons or a member of a group or similar activities that are contrary to the values on which the Union is founded enshrined in Article 2 TEU, where such misconduct has an impact on the person's integrity which negatively affects or concretely risks affecting the performance of a contract or an agreement;
- (d) it has been established by a final judgment that the person or entity is guilty of any of the following:
- (i) fraud, within the meaning of Article 3 of Directive (EU) 2017/1371 of the European Parliament and of the Council (1) and Article 1 of the Convention on the protection of the European Communities' financial interests, drawn up by the Council Act of 26 July 1995 ~~(2)~~;
 - (ii) corruption, as defined in Article 4(2) of Directive (EU) 2017/1371 or active corruption within the meaning of Article 3 of the Convention on the fight against corruption involving officials of the European Communities or officials of Member States of the European Union, drawn up by the Council Act of 26 May 1997 ~~(3)~~, or conduct referred to in Article 2(1) of Council Framework Decision 2003/568/JHA ~~(4)~~, or corruption as defined in other applicable laws;
 - (iii) conduct related to a criminal organisation as referred to in Article 2 of Council Framework Decision 2008/841/JHA ~~(5)~~;
 - (iv) money laundering or terrorist financing within the meaning of Article 1(3), (4) and (5) of Directive (EU) 2015/849 of the European Parliament and of the Council ~~(1)~~;
 - (v) terrorist offences or offences linked to terrorist activities, as defined in Articles ~~1 and 3~~ to 12 of Directive (EU) 2017/541 of the European Parliament and of the Council ~~Council Framework Decision 2002/475/JHA (2)~~,



~~respectively,~~ or inciting, aiding, abetting or attempting to commit such offences, as referred to in Article 14 of that Directive~~decision~~;

(vi) child labour or other offences concerning trafficking in human beings as referred to in Article 2 of Directive 2011/36/EU of the European Parliament and of the Council~~(3)~~;

(e) it has shown significant deficiencies in complying with main obligations in the performance of a contract or an agreement financed by the Union's budget, which has led to its early termination or to the application of liquidated damages or other contractual penalties, or which has been discovered following checks, audits or investigations by a contracting authority, the European Anti-Fraud Office (OLAF) or the Court of Auditors, the Court of Auditors or the European Public Prosecutor's Office (EPPO);

~~the person or entity has shown significant deficiencies in complying with main obligations in the implementation of a legal commitment financed by the budget which has:~~

~~(i) led to the early termination of a legal commitment;~~

~~(ii) led to the application of liquidated damages or other contractual penalties; or~~

~~(iii) been discovered by an authorising officer, OLAF or the Court of Auditors following checks, audits or investigations;~~

~~(e)(f)~~ it has been established by a final judgment or final administrative decision that the person or entity has committed an irregularity within the meaning of Article 1(2) of Council Regulation (EC, Euratom) No 2988/95~~(4)~~;

~~(f)(g)~~ it has been established by a final judgment or final administrative decision that the person or entity has created an entity in a different jurisdiction with the intent to circumvent fiscal, social or any other legal obligations in the jurisdiction of its registered office, central administration or principal place of business;

(h) (only for legal persons) it has been established by a final judgment or final administrative decision that an entity has been created with the intent referred to in point (g);

(i) it has intentionally and without proper justification resisted an investigation, check or audit carried out by the contracting authority or its representative or auditor, OLAF, the EPPO, or the Court of Auditors. It shall be considered that the person resists an investigation, check or audit when it carries out actions with the goal or effect of preventing, hindering or delaying the conduct of any of the activities needed to perform the investigation, check or audit. Such actions include, in particular, refusing to grant the necessary access to its premises or any other areas used for business purposes, concealing or refusing to disclose information or providing false information.-

Other grounds for rejection from the procedure: where the individual declares to have been previously involved in the preparation of documents used in the award



procedure where this entails a breach of the principle of equality of treatment, including distortion of competition, that cannot be remedied otherwise.

SUPPORTING EVIDENCE REQUESTED:

In question 7.3 of the application form, applicants are requested to declare that they are in none of the situations listed in section I "SITUATION OF EXCLUSION CONCERNING THE PERSON" and section IV "GROUNDS FOR REJECTION FROM THIS PROCEDURE". EFSA reserves the right to ask for further supporting evidence of non-exclusion.

In case applicants are in one or more of the situations of exclusion/ grounds for rejection, they must download, complete and send the declaration of honour on exclusion criteria and relevant documentation to EFSAProcurement@efsa.europa.eu.

The declaration of honour on exclusion criteria is available [here](#).

3.3 SELECTION CRITERIA

Applicants to be placed on the list shall be selected based on their professional and technical capacity to perform the tasks described in point 2.2. In particular, the applicants must meet these selection criteria to evidence their capacity:

(i) Education

A level of **education** which corresponds to completed university studies of **at least three (3) years** attested by a diploma in one of the following fields:

- Agronomy, Crop Sciences, Forestry sciences
- Animal welfare/ethics
- Biochemistry
- Biology/Microbiology
- Chemistry
- Ecology/behaviour Ecology
- Epidemiology
- Exposure Assessment
- Food/Feed Science and Technology
- Genetics, Molecular Biology
- Human Medicine
- Human Nutrition
- Information Science/Data Science/Bioinformatics
- Mathematics/Statistics/Biostatistics
- Pharmacology/Pharmacy
- Plant/Animal Sciences
- Regulatory Science



- Social Science
- Toxicology
- Veterinary Science
- Zoology/Entomology
- or related areas. (NB: for related/similar areas, the applicant should explain their relevance for the tasks).

(ii) **Professional experience & Competencies**

In addition to the above:

- **at least 3 years of proven professional experience after their degree** in at least one of the above fields in which the above qualifications (i) were obtained. A remunerated PhD degree acquired in a field relevant to the areas mentioned above can be counted as professional experience up to 3 years. Paid traineeships are counted as working experience; **and**
- **demonstrable experience in the scientific areas indicated in Annex V**, as evidenced by:
 - The preparation and (contribution to) drafting of **at least 2** relevant risk assessment reports and/or publications in peer-reviewed journals related to the above-mentioned scientific expertise, carried out in the last 5 years before the application date (the publications should be in EN language and the DOI number or weblink should be provided). For social sciences and communication, the reports may also cover social research analysis or communication reports published in scientific journals or on EU institution, MS authority, or international organisations' websites; **and**
 - **an excellent ability to communicate clearly and effectively in both spoken and written English**, evidenced by either:
 - having written at least 2 reports or publications in English; *or*
 - a certificate demonstrating at least level B.2 of the Common European Framework of References for Languages; *or*
 - having worked for at least 2 years in a working environment where the day-to-day working language for meetings and communications is English.

SUPPORTING EVIDENCE REQUESTED:

- CV evidencing the above requirements.
- Before any contract of appointment, EFSA reserves the right to request **the selected applicant to provide supporting documents relating to their education and professional experience (i.e. copy of university degree, and certificates of working experience, etc.) to demonstrate fulfilment of the selection criteria.**



4. HOW TO APPLY

4.1 GENERAL INFORMATION

The call for expression of interests shall be read in conjunction with its annexes which contain essential additional information.

Submission of an application implies acceptance of the terms and conditions laid down in this Call for the Expression of Interest (EOI) and all relevant annexes.

Expenditures for preparing and submitting expressions of interest will not be reimbursed by EFSA.

Applications should be submitted in one of the official languages of the European Union.

Applications may be submitted at any time during the period of validity of the call for expression of interest, with the exception of the last three months of that period. However, we advise you to apply as early as possible, as assignments can arise at any point in time during the validity of the list.

Individuals may withdraw their application at any moment by written notice to EFSA.

Incoming applications received in response to this call will be evaluated on a need basis, where specific support under the terms of Article 237 of the EU Financial Regulation is necessary. Individuals will be notified of the outcome of their application as soon as possible after the evaluation is finished.

4.2 APPLICATION PROCESS

The application shall be submitted online on the EFSA careers page. Fill in and sign electronically the application form.

4.3 PERSONAL DATA PROTECTION and CONFIDENTIALITY

As an EU Agency, EFSA is subject to Regulation (EU) 2018/1725, forming the primary legal basis for measuring the lawfulness of personal data processing. The applicability of this Regulation in the context of this call has the following implications:

- As data Controller, EFSA shall ensure that personal data contained in your application (e.g. names of individuals, their CVs, contact details, financial details, declarations of interest) is processed in compliance with the Regulation. More detailed information on the processing of personal data in the context of procurement procedures of EFSA is available in the Privacy Statement on our website⁵;
- The selected individual acts as a processor of EFSA in case any personal data should be handled under the contract in the sense of Article 29 of the Regulation. In such case and in accordance with this provision, the individual:
 - shall only process the personal data on documented instructions of EFSA as the data Controller,

⁵ See in: <https://www.efsa.europa.eu/sites/default/files/assets/procurementprivacystatement.pdf>



- shall commit him/herself to confidentiality,
- shall undertake appropriate technical and organisational measures to ensure the confidential and secure processing of the personal data needed for the implementation of the contract,
- shall delete or return to EFSA all personal data after the end of the provision of services,
- shall make available to EFSA all information necessary to demonstrate compliance with the obligations pursuant to the Regulation and shall allow for or contribute to audits and inspections by or on behalf of EFSA,
- shall notify any personal data breaches to EFSA.

The expert must comply with the confidentiality standards set out in the contract (Annex VI) and must include a completed and signed statement on confidentiality, provided in Annex to the draft contract.



Annex I - TRAVEL COSTS AND SUBSISTENCE ALLOWANCES

Travel costs

These lump sums must be applied for travel costs:

Distance in road Km	Travel cost
up to 100	no allowance
between 100 - 400	200 €
Above 400	400 €

Daily subsistence allowances (DSA)

The DSA of 200 € applies if the distance between the place of residence of the individual and the agreed place of work is more than 50 km. Such DSA covers accommodation, meals, local transport to reach airport/train station etc. For each started day of a presence in the agreed place of work one DSA is granted.

Annex II – DECLARATION OF HONOUR ON EXCLUSION CRITERIA

<https://www.efsa.europa.eu/sites/default/files/2021-12/declaration-honour-exclusion-selection-confirmatory-statement-resources.pdf>

<https://www.efsa.europa.eu/sites/default/files/engage/Procurement/EOI-EFSA-2022-01/annex-II-declarationofhonourexclusioncriteria-eoi-efsa-2022-01.pdf>

Annex III – INDIVIDUAL DECLARATION OF INTEREST FORM

<https://www.efsa.europa.eu/sites/default/files/2025-06/declaration-of-interest-form-after-june-25.docx>

Annex IV - DECLARATION OF PREVIOUS WORK IN EU INSTITUTIONS

Published with the call



Annex V – SCIENTIFIC EXPERTISE

This annex contains the full list of knowledge areas. This list is divided in 3 levels according to an increasing degree of specialisation. When selecting a Level 2 or 3 the matching higher Level(s) 1 or 2 should also be selected. There is no limit to the selection of knowledge areas but only those knowledge areas that are substantiated with evidence of expertise and experience will be considered by EFSA.

Knowledge Clusters science		
1 st Level	2 nd Level	3 rd Level
Chemistry	Analytical Chemistry	Chemical characterisation and methods of analysis in food/feed
		Migration testing/modeling for food contact materials
		Nanotechnology (characterisation of the particle size)
	Biochemistry	Food biochemistry
		Plant biochemistry
	Inorganic Chemistry	
Ecology	Organic/Polymer Chemistry	Food contact materials/plastics/packaging
		Organic/Polymer synthesis
		Recycling technologies/processes used for plastics
	Aquatic ecology	
	Ecosystem analysis, biodiversity, invasive species	
	Ecotoxicology	Environmental exposure, fate and behaviour of chemicals
	Environmental antimicrobial resistance	
	Plant ecology, agricultural landscape, landscape ecology	



	Pollinator ecology	
	Population ecology	
	Soil science	
	Wildlife demography	
Epidemiology	Antimicrobial resistance epidemiology	
	Foodborne zoonoses epidemiology	
	Human epidemiology	Epidemiological studies Observational studies and clinical trials
	Monitoring of food-borne pathogens	
	Nutritional epidemiology	
	Plant disease epidemiology	
	TSE epidemiology/surveillance and control	
	Veterinary epidemiology	
Exposure Assessment	Aggregated exposure assessment	
	Cumulative exposure assessment	
	Dietary exposure assessment	Technical conversion factors/physical food chemistry
	Food consumption survey	Food components disaggregation, food nomenclature matching
	Non-dietary exposure assessment	
Food / Feed Technology	Biological process engineering	
	Chemical, thermal and mechanical process engineering	
	Food logistics, Food chain analysis	
	Nanotechnology	
	New preservation technology	
Genetics	Genetics of microorganisms	
	Genetic of plants	Gene editing technology
	Genetics of animals	



	Molecular biology	Molecular cloning	
		Molecular epidemiology	
		OMICs	
		Open reading frames analysis	
		Protein expression	
	Molecular typing	Transcriptomics	
		Whole genome sequencing	
	Vertical, horizontal gene flow		
	Human medicine	Endocrinology	
		Clinical pharmacology	Pharmacokinetics/Pharmacodynamics
Dentistry, dermatology, ophthalmology			
Human antimicrobial resistance			
Immunology		Allergology	
		Immunotoxicology	
Occupational medicine / toxicology			
Oncology			
Paediatrics			
Psychology /nervous system		Clinical psychology	
Human nutrition	Clinical nutrition	human metabolism and physiology of nutrients	
	Infant nutrition		
	Nutrient risk assessment methodologies	Dietary Reference Values / Upper Levels	
		Human metabolism and physiology of nutrients	
		Nutrient intake assessment	
		Nutritional epidemiology	
	Public health nutrition		
	Sport nutrition		
	Mathematics /Statistics /Biostatistics/Bioinformatics	Biomathematics and Biometry	Quantitative pathways analysis
			High Performance Computing



	Experimental Design	GLP compliance
	Geostatistics	Geographic information systems applications
		Geographic information systems development
	Modelling	Dose-Response modelling
		Mathematical modelling
		Probabilistic modelling
		Statistical modelling
	Pharmacokinetics	
	Pharmacodynamics	
Pharmacology	Agronomy and plant production	Agrometeorology and climatology
		Crop sciences (including soil tillage and crop rotation)
		Fertilizers science and technology
		Irrigation
		Pedology and soil conservation
		Plant breeding
	Entomology/acarology	Agriculture entomology
		Forest entomology
	Forestry	
	Plant pathology	Plant bacteriology
		Plant mycology
		Plant nematology
		Plant virology
		Vector-borne plant diseases
	Plant physiology	Crop physiology
		Physiological plant pathology - plant pathogen interaction
	Plant protection	Crop protection
		Biological control



Regulatory Science	Systematics of plants, Botanics	Integrated pest management
		Plant protection products residues
		Weed control
		Geobotanics
		Invasive alien plants
		Parasitic plants
		Pharmacognosis
	Chemical risk assessment	Chemical contaminants
		Chemical mixtures
		Regulated products (eg plant protection products, additives, enzymes,...)
	Environmental risk assessment	
	Horizon scanning / forecasting methods	
	Microbial risk assessment	Microbial risk assessment of foodborne microorganisms
		Quantitative microbiological risk assessment and risk ranking
Social Science	Plant health risk assessment	Commodity risk assessment
		Climate suitability modelling and pest risk mapping
		Pest risk assessment
		Pest surveillance
	Plant protection products risk assessment	
	Risk and benefit assessment methodology	Expert knowledge elicitation (EKE)
		Systematic review and evidence integration/appraisal
	Systems approach in risk assessment	
	TSE Risk assessment	
	Uncertainty analysis	
Social Science	Communication science	
	Discourse monitoring and analysis	



Toxicology	Psychology and behavioural science	
	Sociology	
	Mechanism of toxicity	
	Mixture toxicity	
	Toxicokinetics / Absorption, distribution, metabolism and excretion (ADME)	
	New Approach Methods (NAMs)	In vitro testing
		In silico methods for prediction of (geno)toxicity, i.e. (Q)SAR and read-across
		Kinetic modelling
		Mode of action (MOA) / Adverse outcome pathway (AOP)
	Toxicodynamics	Chronic toxicity/carcinogenicity
		Developmental and reproductive toxicity
		Genotoxicity
		Immunotoxicology
		Neurotoxicity
		Short term and sub chronic toxicity
Veterinary Science	Animal husbandry	
	Animal health/hygiene	Animal bacteriology
		Animal immunology
		Animal infectious diseases
		Animal parasitology
		Animal pathology
		Animal vaccinology
		Animal virology
		TSE pathogenesis
		Wildlife diseases
		Zoonoses



Animal nutrition	
Animal physiology	
Animal Production	Animal Breeding
	Animal-by products (biological safety and processing technology)
	Animal Disease Control
	Aquaculture
	Bee keeping
Animal welfare	Waste Management
	Animal housing/management
	Animal stunning and killing
	Animal transport
	Behavioral Science
Food Hygiene	Ethics
Food Microbiology	Food Bacteriology
	Food Virology
	Predictive modelling
Food Parasitology	
Public Health	
Veterinary antimicrobial resistance	
Veterinary Toxicology	



Annex VI – DRAFT CONTRACT

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