

# Authent-Net Member State (MS) National Status Report

## Country: SPAIN

*Please note that the information provided here below will be put on the Food Authenticity Research Network Hub (FARNH) which will be publically accessible. So please do not include any confidential information.*

### List of organisations that fund food anti- fraud/food authenticity research and the type of research they fund

*Please provide a list of organisations (Government + NGO whatever the nationality) that are funding projects on food authenticity in your MS*

**1. Name** (Categorise into government/NGO, public/public-private)

Address

Web site link

Short description of the funder

**Type of research funded: APPLIED RESEARCH/DEVELOPMENT**

*Click here to privately contact the persons responsible for Food Authenticity funding.*

(This would take you to a secure location [eg. LinkedIn private chat] to contact relevant funder, only once you're able to prove that you are from another funding organisation).

**1. National Institute for Agricultural and Food Research and Technology (INIA).** (public)

Address: Ctra. de A Coruña Km. 7,5, 28040 Madrid

Website: <http://www.inia.es>

INIA is a Public Research Organisation (OPI) of the State Secretariat of Research, Development and Innovation of the Ministry of Economy and Competitiveness. Its unique mandate entails a dual responsibility 1) as coordinator of the national network of agrifood research centers is responsible for the harmonization, resource allocation, monitoring and evaluation of scientific, technical research activities and funds research through the National Program INIA Autonomus Regions System; 2) as an agrifood research institution is responsible for the execution of its own research and technology projects (including technology transfer) under the General Deputy Directorate of Research and Technology (SGIT).

Type of research funded: APPLIED RESEARCH/DEVELOPMENT

**2. Ministry of Economy, Industry and Competitiveness** (public)

Address: P. Castellana, 162, 28046 Madrid

Website: <http://www.mineco.gob.es/portal/site/mineco/>

The Ministry of Economy, Industry and Competitiveness is responsible for the implementation of government policy on economic and reforms to improve competitiveness, scientific research, technological development and innovation in all sectors, trade policy and business support and all other powers and duties conferred by law.

Type of research funded: STRATEGIC/APPLIED RESEARCH/DEVELOPMENT

### **3. Ministry of Agriculture, Fisheries, Food and Environment (MAPAMA) (public)**

Address: Pº Infanta Isabel, 1 - 28014 Madrid

Website: <http://www.mapama.gob.es/es/>

MAPAMA is the Ministry responsible for the implementation of government policy in relation to food, agriculture and marine resources, measures against climatic change, rural development and natural and biodiversity protection.

Type of research funded: STRATEGIC/DEVELOPMENT

### **4. Centre for the Development of Industrial Technology (CDTI) (public)**

Address: 4 Cid St. - 28001, Madrid

Website: <https://www.cdti.es/>

CDTI is a Public Business Entity, answering to the Ministry of Economy and Competitiveness, which fosters the technological development and innovation of Spanish companies. It is the entity that channels the funding and support applications for national and international R&D&i projects of Spanish companies. The CDTI thus seeks to contribute to improving the technological level of the Spanish companies

Type of research funded: APPLIED RESEARCH/DEVELOPMENT

### **5. Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC) (public)**

Address: Serrano, 117. 28006 Madrid

Website: <http://www.csic.es/>

CSIC is the largest public institution dedicated to research in Spain and the third largest in Europe. Belonging to the Spanish Ministry of Economy and Competitiveness through the Secretary of State for Research, Development and Innovation, its main objective is to develop and promote research that will help bring about scientific and technological progress, and it is prepared to collaborate with Spanish and foreign entities in order to achieve this aim. Its research is driven by its centres and institutes, which are spread across all the autonomous regions, and its more than 15,000 staff, of whom more than 3,000 are staff researchers and the same number again are doctors and scientists who are still training.

Its multidisciplinary and multisectorial nature means CSIC covers all fields of knowledge. Its activity, which covers everything from basic research to technological development.

Type of research funded: APPLIED and BASIC RESEARCH/DEVELOPMENT

### **6. Autonomic Research Institutions:**

#### **Andalucía**

-Secretaría General de Innovación, Industria y Energía-Junta de Andalucía (General Secretary of Innovation, Industry and Energy-Government of Andalusia) (Regional Government, currently integrated in "Consejería de Empleo, Empresa y Comercio", Counseling of employment, Enterprise and Commerce, although its integration in different counselings may be subjected to changes)

Address: Albert Einstein, 4, 41092 Sevilla, Spain

Website: <http://www.juntadeandalucia.es/organismos/empleoempresaycomercio.html>

Type of research funded: APPLIED RESEARCH/DEVELOPMENT

-Andalusian Institute of Agricultural Research and Training, Fishing, Food and Organic Production (IFAPA) (public)

Website: <http://www.juntadeandalucia.es/agriculturaypesca/ifapa/web>

## **Aragón**

-Center for Agro-Food Research and Technology of Aragon (CITA) (public)

Address: Avda. Montañana 930, 50059 Zaragoza

Website: <http://www.cita-aragon.es>

-Gobierno de Aragón. Departamento de Innovación, Investigación y Universidad (Department of Innovation, Investigation and University, Regional Government)

Address: Edificio Pignatelli. PªMaría Agustín, 36. 50071 – Zaragoza

Website:

<http://www.aragon.es/DepartamentosOrganismosPublicos/Departamentos/InnovacionInvestigacionUniversidad>

## **Asturias**

-Regional Service Agri-Food Research and Development (SERIDA) (public)

Website: <http://www.serida.org/>

-Gobierno del Principado de Asturias. Consejería de Empleo, Industria y Turismo (Counseling of Employment, Industry and Tourism, Regional Government)

Address: Pza. España, 1 - Planta 2ª. 33007 Oviedo

Website:

<https://www.asturias.es/portal/site/webasturias/menuitem.6ae732be36e43aef9fe97477f2300030/?vgnnextoid=0d08dacb4c42c010VgnVCM100000bb030a0aRCRD&vgnnextchannel=8b6b090dc76ed210VgnVCM1000002f030003RCRD>

## **Baleares**

-Institute of Agricultural and Fishing Research and Training (IRFAP) (public)

Website: <http://irfap.caib.es>

-Gobierno de las Islas Baleares. Dirección General de Innovación e Investigación (General Directorate of Innovation and Investigation, Regional Government)

Address: Ctra. de Valldemossa, km 7,4. ParcBit. Edificio Norte, bloque A, 2ª planta - 07121 Palma

Website: <http://www.caib.es/govern/organigrama/area.do?coduo=2390343&lang=es>

## **Canarias**

-Instituto Canario de Investigaciones Agrarias (ICIA) (Canary Institute for Agriculture Research) (public)

Website: <http://www.icia.es>

-Gobierno de Canarias. Agencia Canaria de Investigación, Innovación y Sociedad de la Información (Canarian Agency of Investigation, Innovation, and Society Information, Regional Government).

Address: Calle León y Castillo, 200, 35071 Las Palmas de Gran Canaria, Las Palmas

Website: <http://www.gobiernodecanarias.org/aciisi/>

## **Cantabria**

-Center for Agricultural Research and Training (CIFA) (public)

Website: <http://www.cifacantabria.org>

-Gobierno de Cantabria. Consejería de Innovación, Industria, Turismo y Comercio (Counseling of Innovation, Industry, Tourism and Trade, Regional Government)

Address: C/ Albert Einstein, 2. 39011 - SANTANDER

Website: <http://www.cantabria.es/web/consejeria-de-innovacion-industria-turismo-y-comercio>

### **Castilla-La Mancha**

-Agricultural Research Department of the Castile-La Mancha Regional Ministry of Agriculture (JCCM) (public)

Website: <http://www.castillalamancha.es/tema/agricultura/agricultura>

-Consejería de Educación, Cultura y Deportes-Gobierno de Castilla La Mancha (Counseling of Education, Culture and Sports-Government of Castilla La Mancha)

Address: Bulevar Río Alberche, s/n. Polígono Residencial "Santa María de Benquerencia" 45071. Toledo, Spain.

Website: <http://www.educa.jccm.es/es/consejeria-educacion-cultura-deportes>

Type of research funded: APPLIED RESEARCH/DEVELOPMENT

### **Castilla y León**

-Agrarian Technological Institute of Castilla-Leon Deputy directorate of Science and Technology (ITACYL) (public)

Website: <http://www.itacyl.es>

-Dirección General de Universidades e Investigación-Junta de Castilla y León (General Directorate of University and Research-Goverment of Castilla y Leon) (Integrated in Consejería de Educación, Counseling of Education, although its integration in different counselings may be subjected to changes)

Website: <http://www.educa.jcyl.es/universidad/es>

-Agencia de Innovacion y Financiacion Empresarial de Castilla y Leon (ADE) (public)

Calle Jacinto Benavente 2, 47195 Arroyo de la Encomienda, Valladolid, Spain

Website: <http://www.ade.jcyl.es/>

### **Cataluña**

-Dirección General de Alimentación, Calidad e Industrias Agroalimentarias (General Directorate of Food, Quality and Agrofood industry)

Website: [http://sac.gencat.cat/sacgencat/AppJava/organisme\\_fitxa.jsp?codi=15794](http://sac.gencat.cat/sacgencat/AppJava/organisme_fitxa.jsp?codi=15794)

-Dirección General de Investigación (General Directorate of Research)

Website: [http://sac.gencat.cat/sacgencat/AppJava/organisme\\_fitxa.jsp?codi=139](http://sac.gencat.cat/sacgencat/AppJava/organisme_fitxa.jsp?codi=139)

-Institute of Agriculture and Food Research and Technology (IRTA) (public)

Website: <http://www.irta.es>

### **Extremadura**

-Agri-food Technological Institute of Extremadura (INTAEX) (public)

Website: <http://intaex.juntaextremadura.net/>

-Secretaría General de Ciencia Tecnología e Innovación-Junta de Extremadura (General Secretary of Science, Technology and Innovation-Government of Extremadura) (Regional Government, currently integrated in "Consejería de Economía e Infraestructura", Counseling of Economy and Infrastructure, although its integration in different counselings may be subjected to changes)

Address: Plaza del Rastro, s/n 06800, Mérida, Spain.

Website: <http://www.gobex.es/con02/secretario-general-de-ciencia-tecnologia-e-innovacion>

Type of research funded: APPLIED RESEARCH/DEVELOPMENT

## **Galicia**

-Instituto Gallego de Calidad Alimentaria (INGACAL) (Galicia Institute of Food Quality) (public)

-Agricultural Research Center of Mabegondo (CIAM) (public)

Website: <http://www.ciam.es>

Junta de Galicia. Consejería de Economía, Empleo e Industria. (Counseling of Economic, Employment and Industry, Regional Government).

Address: Edificios Administrativos - San Caetano, s/n 15781 Santiago de Compostela

Website: <http://www.xunta.gal/ceei>

## **La Rioja**

-Agri-Food Research and Technological Development Service (CIDA) (public)

Website: <http://www.larioja.org>

-Gobierno de La Rioja. Sistema Riojano de la Innovación (Innovation System of Rioja. Regional Government).

Website: <https://www.larioja.org/innovacion/es>

## **Madrid**

-Madrid Institute for Rural World Development and Agricultural and Food Research (IMIDRA) (public)

Website: <http://www.madrid.org>

-Dirección General de Universidades e Investigación-Gobierno de la Comunidad de Madrid (General Secretary of Universities and Research-Government of Community of Madrid) (Integrated in Consejería de Educación, Juventud y Deporte, Counseling of Education, Youth and Sport, although its integration in different counselings may be subjected to changes)

Address: C/ Alcalá, 30 – 32 Código Postal: 28014, Madrid, Spain

Website: <http://www.madrid.org/>

Type of research funded: BASIC RESEARCH/APPLIED RESEARCH/DEVELOPMENT

## **Murcia**

-Instituto Murciano de Investigación y Desarrollo Agrario y Alimentario (IMIDA) (Murcia Institute for Food and Agricultural Research and Development)

<http://www.imida.es/>

-Instituto de Fomento de la Región de Murcia (INFO MURCIA) (public)

Website: <http://www.institutofomentomurcia.es/web/portal/what-is-info>

-Secretaría General de Universidades e Investigación-Gobierno de la Región de Murcia (General Secretary of Universities and Research-Government of Region of Murcia) (Integrated in Consejería de Educación y Universidades, Counseling of Education and Universities, although its integration in different counselings may be subjected to changes)

Address: Edificio Administrativo Infante, Avenida Infante Juan Manuel, nº 14, 30011 - Murcia, Spain.

Website: [http://www.carm.es/web/pagina?IDCONTENIDO=77&IDTIPO=140&RASTRO=c\\$m22660](http://www.carm.es/web/pagina?IDCONTENIDO=77&IDTIPO=140&RASTRO=c$m22660)

Type of research funded: APPLIED RESEARCH/DEVELOPMENT

## **Navarra**

-Institute of Technology and Agrofood Infrastructures of Navarra (INTIA) (public)

Website: [http:// www.intiasa.es](http://www.intiasa.es)

-National Centre for Technology and Food Safety (CNTA) (public)

Website: <http://www.cnta.es>

-Gobierno de Navarra. Dirección General de Industria, Energía e Innovación (General Directorate of Industry, Energy and Innovation. Regional Government)

Address: Parque Tomas Caballero 1, 5º 31006 - Pamplona

Website:

[http://www.navarra.es/home\\_es/Gobierno+de+Navarra/Vicepresidencia+Desarrollo+Economico/DG+Industria+Energia+Innovacion.html](http://www.navarra.es/home_es/Gobierno+de+Navarra/Vicepresidencia+Desarrollo+Economico/DG+Industria+Energia+Innovacion.html)

## **País Vasco**

-Neiker Tecnalia, Instituto Vasco de Investigación y Desarrollo Agrario (Basque Institute for Agriculture research and development)

<http://www.neiker.net/?lang=es>

-Quality and Food Industries Directorate-Department for Economic Development and Competitiveness – Basque Government (DIIA-GV) (public)

Website: <http://www.nasdap.ejgv.euskadi.net/r50-2397/es/>

-Basque Foundation for Agro-Food Safety (ELIKA) (public)

Website: <http://www.elika.net>

-Gobierno Vasco. Departamento de Desarrollo Económico y Competitividad. (Department of Economic Development and Competitiveness, Regional Government).

Address: Gran Vía, 85 48011 Bilbao (Bizkaia)

Website: <http://www.industria.ejgv.euskadi.eus/r44-indust/es/>

## **Valencia**

-Valencian Institute for Agriculture Research (IVIA) (public)

Website: <http://www.ivia.es>

-Dirección General de Universidad, Investigación y Ciencia –Generalidad de Valencia (General Directorate of University, Research and Science) (Integrated in Consejería de Educación, Investigación, Cultura y Deporte, Counseling of Education, Research, Culture and Sport, although its integration in different counselings may be subjected to changes)

Address: C/ Gregorio Gea nº14, 46009 – Valencia, Spain

Website: <http://www.ceice.gva.es/va/>

Type of research funded: APPLIED RESEARCH/DEVELOPMENT

## **Plan/Strategy in terms of Authenticity Research Funding**

*Please provide a web link to a plan/strategy on food authenticity for each specific funding organisation (see 1<sup>st</sup> box), provided there is one, or anything the funding organisations are able to provide (general plan/strategy on food). That should include policy documents, research/surveillance documents where possible.*

1. Funding organisation name + web link to plan + Key decision making committees

### **1. National Institute for Agricultural and Food Research and Technology (INIA)**

The INIA national strategy in relation to food quality and production is in this link:

<http://www.inia.es/IniaPortal/goUrlDinamica.action?url=http://wwwsp.inia.es/Inia/Paginas/PlanEstrategico2014-2017.aspx>

The research topics of the INIA food technology department are in the link:

<http://www.inia.es/IniaPortal/goUrlDinamica.action?url=http://wwwsp.inia.es/Investigacion/Departamentos>

### **2. Ministry of Agriculture, Fisheries, Food and Environment (MAPAMA)**

The national strategies of MAPAMA in different areas are in the link:

<http://www.mapama.gob.es/es/ministerio/planes-estrategias/default.aspx>

### **3. Ministry of Economic, Industry and Competitiveness**

The national strategies (Estrategía Española de Ciencia y Tecnología y de Innovación 2013-2020) of this Ministry in different areas are in the link:

[http://www.idi.mineco.gob.es/stfls/MICINN/Investigacion/FICHEROS/Estrategia\\_espanola\\_ciencia\\_tecnologia\\_Innovacion.pdf](http://www.idi.mineco.gob.es/stfls/MICINN/Investigacion/FICHEROS/Estrategia_espanola_ciencia_tecnologia_Innovacion.pdf)

### **4. Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC)**

The CSIC national strategy (Plan de actuación 2014-2017) in relation to Science and Technology Food are in the link:

<http://www.csic.es/plan-de-actuacion-2014-2017>

## Capabilities/Infrastructure of Authenticity research providers/relevant NRLs

*Please provide details of national capabilities (public and private) in terms of food authenticity analysis (relevant National Reference Laboratories, certified laboratories etc.) and in terms of Food Authenticity Research.*

1. Name (Categorise into academic/research, general proficiency, expertise in a specific technique and/or commodity)

Address

Web site:

Contact available through: *(Any web sites where contact details of key personnel are available)*

Telephone:

### 1. Ministry of Agriculture, Fisheries, Food and Environment (MAPAMA)

The Network of MAPAMA laboratories in Food quality and agriculture can be accessed in the link:

<http://www.mapama.gob.es/es/alimentacion/temas/laboratorios-agroalimentarios/red-de-laboratorios-agroalimentarios/>

### 2. Spanish Agency for food security, consumption and nutrition (AECOSAN).

AECOSAN is a public agency depending on the Ministry of Health. There are three reference laboratories included in the Agency, that perform official analysis but also research activities:

The National Food laboratory is the reference laboratory for food security and depends directly from the AECOSAN.

<http://www.aecosan.mssi.gob.es/AECOSAN/web/laboratorios/seccion/CNA.shtml>

National centre for research and quality control (CICC) is the reference laboratory for assuring that the composition of food products is according the national regulations.

<http://www.aecosan.mssi.gob.es/AECOSAN/web/laboratorios/seccion/CIC.shtml>

National and European reference laboratory for marine bio-toxins (EURLMB) is the reference laboratory for the control of marine bio-toxins in food products.

<http://www.aecosan.mssi.gob.es/AECOSAN/web/laboratorios/seccion/EURLMB.shtml>

In AECOSAN there is also a link to the national reference laboratories in relation to food consumption is:

[http://www.aecosan.mssi.gob.es/AECOSAN/web/laboratorios/detalle/otros\\_laboratorios.shtml](http://www.aecosan.mssi.gob.es/AECOSAN/web/laboratorios/detalle/otros_laboratorios.shtml)

Research in national Institutes of the Food Science and Technology area: Instituto de la Grasa, ICTAN, CIAL, CEBAS, IPLA, IVM, and IATA ([www.csic.es](http://www.csic.es)).

## Recent key Cases/Reports/Reviews (after 2010)



*Please provide a list of web links to public outputs, documents, papers, reports, databases on incidents, detection methods, ... in relation to food authenticity your MS is involved (see T1.1)*

**1. Title + web link**

The list of organizations (professional, food and agriculture producers) in relation to food authenticity is in the link:

<http://www.magrama.gob.es/es/alimentacion/temas/interprofesionales-y-contratos-agroalimentarios-tipo-/organizaciones-interprofesionales-agroalimentarias/default.aspx>

Some relevant cases are:

1. Ministry of Agriculture, Food and Environment. Caracterización de la producción de alimentos diferenciados protegidos bajo denominaciones de origen y/o indicaciones geográficas protegidas (en términos de competitividad y eficiencia comercializadora). October, 2014.

2. Boletín Oficial del Estado. Ley para la defensa de la calidad alimentaria. July, 2015.

**2. Planes Nacionales Específicos de Control Oficial (AECOSAN) (National Specific Plans for Official Control)**

[http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad\\_alimentaria/seccion/control\\_oficial.shtml](http://www.aecosan.msssi.gob.es/AECOSAN/web/seguridad_alimentaria/seccion/control_oficial.shtml)

*Key information to be registered/extracted on/ from the Authent-Net Documents database (FARNHub)*

**Ongoing Projects (after 2010) including national-international/public-private funded projects)**

*Please provide a list of ongoing projects on food authenticity your MS is involved in (see T1.1)*

**1. Name, funding, start/end date + Web site link**

**1. National Institute for Agricultural and Food Research and Technology (INIA)**

The link to INIA projects in food and agriculture area is:

<http://portagra.inia.es/Paginas/default.aspx>

The INIA has a browser for projects in the link:

<http://www.agripa.org/proyectos>

Some relevant projects performed in INIA in relation to pig meat authenticity are:

1. RZ2012-00006-00-00. Desarrollo de un panel reducido de SNPs para la verificación del origen racial en reproductores inscritos en el libro genealógico de la raza porcina Ibérica (Development of a reduced panel of SNPs for the verification of breed origin in breeding animals registered on the Iberian pig Herd Book) Funding organization: INIA, Start date: 2013, End date: 2015

2. TREASURE-634476- Diversity of local pig breeds and production systems for high quality traditional products and sustainable pork chains. Funding organization: EU-H2020. Start date: 2015, End date: 2018.

## **2. Ministry of Economy, Industry and Competitiveness. Secretariat of Research and Development**

The link to CSIC projects in science and technology food area is:

<http://www.idi.mineco.gob.es/portal/site/MICINN>

Some relevant projects related to authenticity and quality are the following:

1. AGL2011-30371-C02-02. Evaluación de la liberación de flavor del aceite de oliva virgen. (Evaluation of flavour of Virgin olive oil) Funding organization: MINECO, Start date: 2012, End date: 2014.
2. AGL2013- 44101-R. Nuevas estrategias para la caracterización de aceites de oliva y para la detección de fraudes (New strategies for olive oils characterization and fraud detection). Funding organization: MINECO, Start date: 2014, End date: 2016
3. AGL2015-65246-R Bases genéticas de la composición y Propiedades biofísicas de la cutícula del fruto de tomate: aprovechamiento de La variabilidad natural (Genetic basis of composition and bio-physical characteristics of tomato peel: use of natural diversity)Funding organization: MINECO, Start date: 2016, End date: 2018.
4. AGL2015-69320-R. Nuevas estrategias de verificación del tiempo de vida útil y la fecha de consumo preferente del aceite de oliva virgen mediante indicadores. Espectroscópicos (New strategies for verification of lifetime and date of consumption of Virgin olive oil using indicators). Funding organization: MINECO, Start date: 2016, End date: 2018.
5. CTM2015-66676-C2-1-R. Dinámica del reclutamiento de la merluza europea (Recruitment dynamics of European hake). Funding organization: MINECO, Start date: 2016, End date: 2018.

*Key information to be registered/extracted on/from the Authent-Net Documents database (FARNHub)*

## **Legal framework for food authenticity (in application at a national level)**

*Please provide a list of standards/regulations on food authenticity applied in your MS (see T1.2)*

1. Title + web link

### **1. Ministry of Agriculture, Fisheries, Food and Environment (MAPAMA)**

The link to national regulations in Food security and authenticity:

<http://www.magrama.gob.es/es/alimentacion/legislacion/recopilaciones-legislativas-monograficas/default.aspx>

[This information is divided into different sections \(in Spanish\). In each section there is national and European legislation about the product:](#)

- Food and labelling information for consumers (Información alimentaria facilitada al consumidor y otras normas complementarias sobre el etiquetado de los alimentos)
- Quantity control in food packaged products (Cantidades nominales para productos envasados y al control de su contenido efectivo)
- Additives, enzymes and flavours (Aditivos, enzimas y aromas alimentarios)
- Addition of vitamins, minerals and specific substances to food products (Adición de vitaminas, minerales y otras sustancias determinadas a los alimentos)
- Conservation, storing and transport (Conservación, almacenamiento y transporte de los alimentos)
- Official control of food quality (Control oficial de la calidad alimentaria)
- New food and new food ingredients (Nuevos alimentos y nuevos ingredientes alimentarios)
- Meat and meat products (Carne y derivados cárnicos)
- Fish products (Productos de la pesca)
- Milk and milk products (Leche y los productos lácteos)
- Edible vegetable oils (Aceites vegetales comestibles)
- Eggs and egg products (Huevos y derivados)
- Edible fats (Grasas comestibles)
- Cereals (cereales)
- Legumes (Leguminosas)
- Derived from tubers (Derivados de los tubérculos)
- Flours and derivatives (Harinas y derivados)
- Fruit derivatives (Derivados de frutas)
- Vegetables and greens derivatives (Derivados de hortalizas y verduras)
- Natural Sweeteners and derivatives (Edulcorantes naturales y derivados)
- Condiments and spices (Condimentos y especias)
- Stimulant foods and derivatives (Alimentos estimulantes y derivados)
- Canned food (Conservas)
- Soups, creams and other food preparations (Caldos, consomés, sopas, cremas y otros preparados alimenticios)
- Bottled drinking water (Aguas de bebida envasadas)
- Ice creams (Helados)
- Non-alcoholic drinks: fruit and vegetables juices and refreshing drinks and “horchata” (Bebidas no alcohólicas: zumos de frutas y de otros vegetales y sus derivados, bebidas refrescantes y horchatas)
- Wine sector (Sector vitivinícola)
- Documents for transport and registration of wine products (Documentos que acompañan el transporte de los productos vitivinícolas y a los registros que se deben llevar en el sector vitivinícola)
- Spirits, Beer, Cider and apple-derived drinks (Bebidas espirituosas, la cerveza, la sidra y otras bebidas derivadas de la manzana)

## 2. Ministry of Health, Social Services and Equality

Agencia Estatal Boletín Oficial del Estado (<https://www.boe.es/>)

## 3. Counseling of Health, Regional Government of Andalusia

Plan de Inspección basado en el Riesgo de los Establecimientos Alimentarios de Andalucía -2012 (Inspection Plan based on risk assessment of food facilities in Andalusia). [http://www.juntadeandalucia.es/salud/sites/csalud/contenidos/Informacion\\_General/c\\_3\\_c\\_3\\_seguridad\\_de\\_los\\_alimentos/planes\\_en\\_seguridad\\_alimentaria/plan\\_inspeccion\\_riesgo](http://www.juntadeandalucia.es/salud/sites/csalud/contenidos/Informacion_General/c_3_c_3_seguridad_de_los_alimentos/planes_en_seguridad_alimentaria/plan_inspeccion_riesgo)

*Key information to be registered/extracted on/from the Authent-Net Documents database (FARNHub)*

## Existing indicators used: intelligence sources

*Please provide a list of intelligence tools used to detect/counter food fraud issues in your member state (e.g. Horizon Scanning, Interpol, Europol, National Crime agencies)*

1. Title + web link

**1. Ministry of Interior.** Guardia civil (Civil Guard's Special Services). Competences in food fraud

<http://www.guardiacivil.es/es/index.html>

**2. Ministry of Economy, Industry and Competitiveness**

The link to national inspections in trade quality:

<http://www.comercio.gob.es/es-ES/comercio-exterior/control-calidad-asistencia-tecnica-exportador/Paginas/inspeccion-de-calidad-comercial.aspx>

## Commodities/products of interest and type of research of interest

### 1. Commodities/products of interest

*Please provide a list of the commodities/food products in priority order most important for each MS in terms of value to that country.*

- 1) Olive oil, edible oils,
- 2) meat,
- 3) Ewe's Cheese,
- 4) eggs,
- 5) cow's milk,
- 6) meat of small ruminants,
- 7) paté,
- 8) fruit juices,
- 9) honey,
- 10) saffron,
- 11) paprika,
- 12) nuts,
- 13) coffee

### 2. Type of research of interest

*Please provide a list of type of research (e.g. criminology, critical points, historical points, analytical methods, consumer behaviour, economic aspects) in priority order most important for each MS in terms of value to that country).*

- 1) Analytical methods
- 2) Consumer behaviour
- 3) Geographical origin
- 4) Authentication
- 5) Characterization
- 6) Food composition.