



Authent-Net: Food Authenticity Research Network

www.authent-net.eu

What Authent-Net delivers?

The aim of Authent-Net is to build cohesion between National Funding Bodies within Europe to align research priorities for food authenticity. The network also aims to promote collaborative working, thus leveraging budgets, reducing duplication and thinking more strategically to tackle common challenges by funding joint initiatives.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 696371.

Gap Analysis and Prioritisation

The current situation in food authenticity research in the various member states was inventoried and gaps in member states research needs identified in order to consolidate resources, maximise impact and avoid duplication.

Information on (i) recent and current projects, research domains (e.g. analytical methods) and commodities (e.g. meat), and (ii) future trends have been collated from 12 member states.

The current and future common interests and regional diversities of the member states were mapped and analysed.

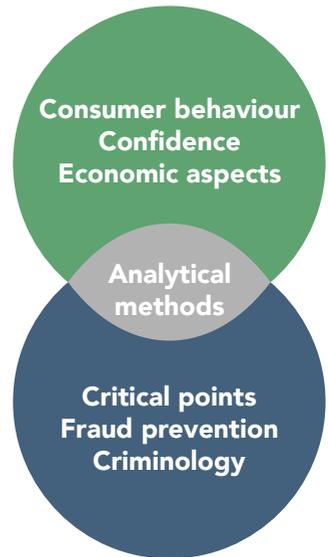
Nearly all member states indicated **interest in development of analytical methods**, whereas one group of member states indicated **interest in research on critical points/fraud prevention/criminology** and another group appeared **interested in consumer behaviour/confidence studies and economic aspects**.

With regard to **commodities animal products ranked high**: e.g. meat, dairy, fish/seafood, and honey. **Organic foods** were also ranked high.

Key research domains were identified as (A) fraud prevention (including critical points, criminology and economic drivers), (B) (analytical) methodology and (C) consumer aspects.

These research domains will provide direction to the high level EU transnational research strategy.

Member States Cluster 1



Member States Cluster 2

Funders, Policy Makers and Stakeholders Network

A number of workshops have been hosted by Authent-Net to bring the funding bodies from across Europe together and to establish a European funding body network for food authenticity.

These workshops focused on identifying research needs and priorities, and to determine the best way forward for funding of food authenticity research in Europe.

For more information about these workshops, please visit Authent-Net website at www.authent-net.eu.

The **Funders Networking forum** has been established that could allow the funders to hold discussions (at <http://forum.authent.cra.wallonie.be/>).

The network provides a secure platform that funders can use to discuss current and future needs, and to identify gaps within national research programs, and areas of overlap.

Are you interested in joining the Funders Network?

Please contact us at authent-net@fera.co.uk

From National and Commodity Status Reports...

Authent-Net Partners have **collated, analysed and summarised the state-of-the-art in relation to knowledge base, existing initiatives and capabilities on food authenticity** which are aimed to tackle food fraud in Europe.

The group of experts have identified a range of existing resources, including national and international projects, reports, papers, publications, databases, standards, regulations; and from it they have developed 14 National status reports which detail commodity and country profiles in respect to food authenticity, integrity and traceability.

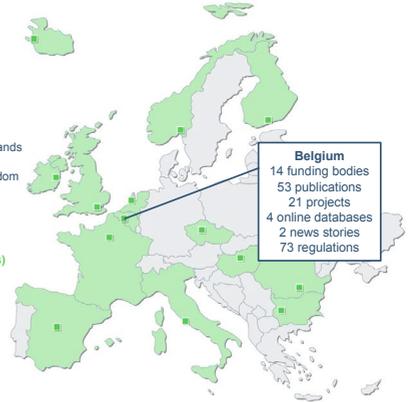
National Status Reports (NSR) from 14 countries and Commodity Status Reports (CSR) have been prepared.

National Status Reports (NSRs)

- Belgium
- Bulgaria
- Czech Republic
- Finland
- France
- Hungary
- Iceland
- Ireland
- Italy
- Romania
- The Netherlands
- Spain
- United Kingdom
- FAO/IAEA

Commodity Status Reports (CSRs)

- Seafood
- Beef
- Olive oil
- Honey



... to the Food Authenticity Research Network Hub (FARNHub)

FARNHub
Food Authenticity Research Network Hub

Home Publications

Albino variation in the VAM7BA1 and VAM7BA2 domestication genes in natural grapevine populations (1000 wildvine seq-reveals)

Carrasco D, Del Pozo S, Magalhães D, Rosell C, Belloch A. *Plant Systematics and Evolution* 2014

Falla O, Arroyo-García R.

Genetic and in situ characterization of the first wild grapevine populations in Castilian and León (Spain)

Ordoñez Rubio R, Vique JF, Pérez-López MA, López MA, Falla O, Vique A, Barreira JC, Hidalgo R, Arroyo-García R. *Journal International des Sciences de la Vigne et du Vin* 2014

Identification of DNA markers in grape berry skin color mutants and polyphenolic profile

Hernández V, Fernández F, Pérez-García O, Sánchez P, Falla O, Martín JP, Mera Cruz J, Arroyo-García R, Barreira JC, Castro J. *Food Chemistry* 2016

9 results

Search filters

Keywords

Country(ies)

Commodity(ies)

Year from

Year to

Year-reversed

Start search and display results

The **FARNHub platform provides comprehensive food authenticity information and a range of tools to help combat food fraud**, making it a vital resource for everyone involved in food authentication – researchers, analysts, inspectors, legal experts, project managers and news publishers alike. This platform is an open access **web-based portal where users can get an overview of the latest country- and sector-specific food authenticity resources as well as information on analytical methods, new stories, reports and publications.**

164 funding bodies have been identified as well as 534 publications, 216 projects, 43 online databases, 430 news stories and 204 regulations have been collected and recorded so far. Information on analytical methods has been collated by the **FoodIntegrity project** (<http://www.foodintegrity.eu/>) and is available via a link to the **FoodIntegrity Knowledge Base** (at <http://farnhub.authent.cra.wallonie.be/method/index>).

This FARNHub is available online on <http://farnhub.authent.cra.wallonie.be/> for search and view content.

An interactive map (at http://www.authent-net.eu/AN_FARNH_click_map.html) provides statistics about the number of publications, projects and news items, with links to national or sector-specific expert panel reports stored in the FARNHub database.



What funding bodies said on the FARNHub?

"... The FARNHub is an extremely valuable information resource for research funders and policy makers. For the first time it brings together information about national research activities taking place in the EU into one place. Access to this information will help support the development of authenticity policy and research and also help build an EU wide network for this area."

"... I think the FARNHub is a comprehensive, valuable and very informative website providing a unique mixture of information on issues of food fraud, authenticity and integrity; it provides access to current and published research, information and contact details of agencies funding research and work on the prevention of food fraud in all Member States, news stories, links to other relevant sites and more. Well done to all involve a truly excellent 'one stop shop' site."

A Low-level European voluntary standard (CWA) "Authenticity and fraud in the feed and food chain – Concepts, terms, and definitions"

Authent-Net has produced a low-level, voluntary, European standard, CEN Workshop Agreement (CWA), where terms and concepts related to food fraud are defined (at <https://www.cen.eu/News/Workshops/Pages/WS-2017-004.aspx>).

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Contact us at: authent-net@fera.co.uk

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