

– Introduction –

15 March 2017

JRC – Geel, Belgium

Paul Brereton



Authent-Net Strategic Objective:

To facilitate sustainable cooperation between national and international research funding bodies in the area of food authenticity, to improve competitiveness of the food supply chain and the consumer confidence in it, by means of better coordinated, cost effective R&D.

Authent-Net Partners

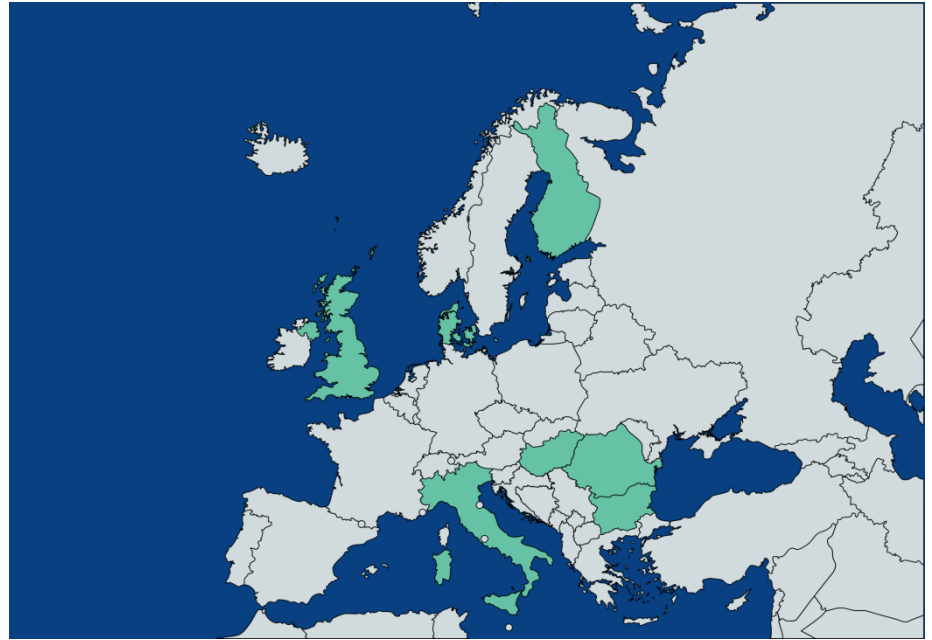
19 Partners from 12 Countries



- Funding Organisation
- Research Organisation
- Both

WELCOME:

- ❑ **Alberto Morreale**
– MiPAFF – ITALY
- ❑ **Attila Nagy**
– NEBIH - HUNGARY
- ❑ **Bhavna Parmar**
– FSA – UK
- ❑ **Denisa Duta**
– UEFISCDI – ROMANIA
- ❑ **Dorte Moller Larsen** – DVFA – DENMARK
- ❑ **Mike Collins** – DEFRA – UK
- ❑ **Minna Anthoni** – EVIRA – FINLAND
- ❑ **Violeta Milkova** – BNSF – BULGARIA



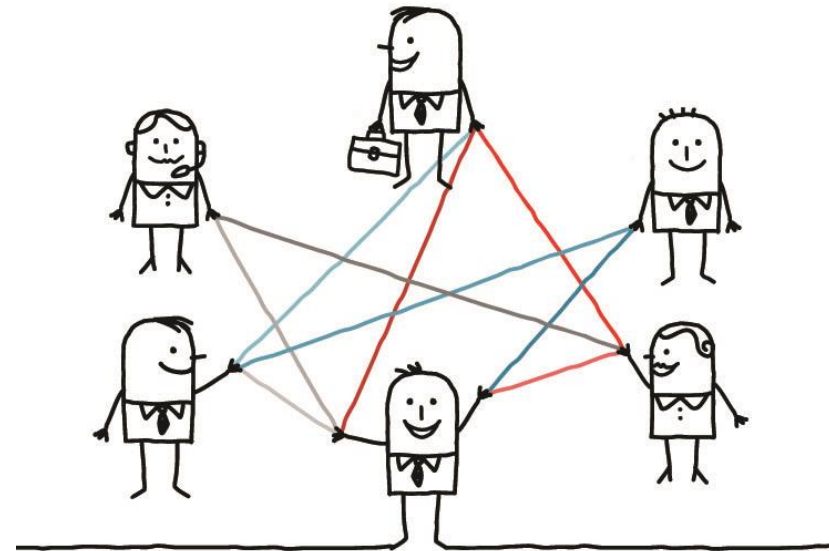
What are the problems we are trying to solve?

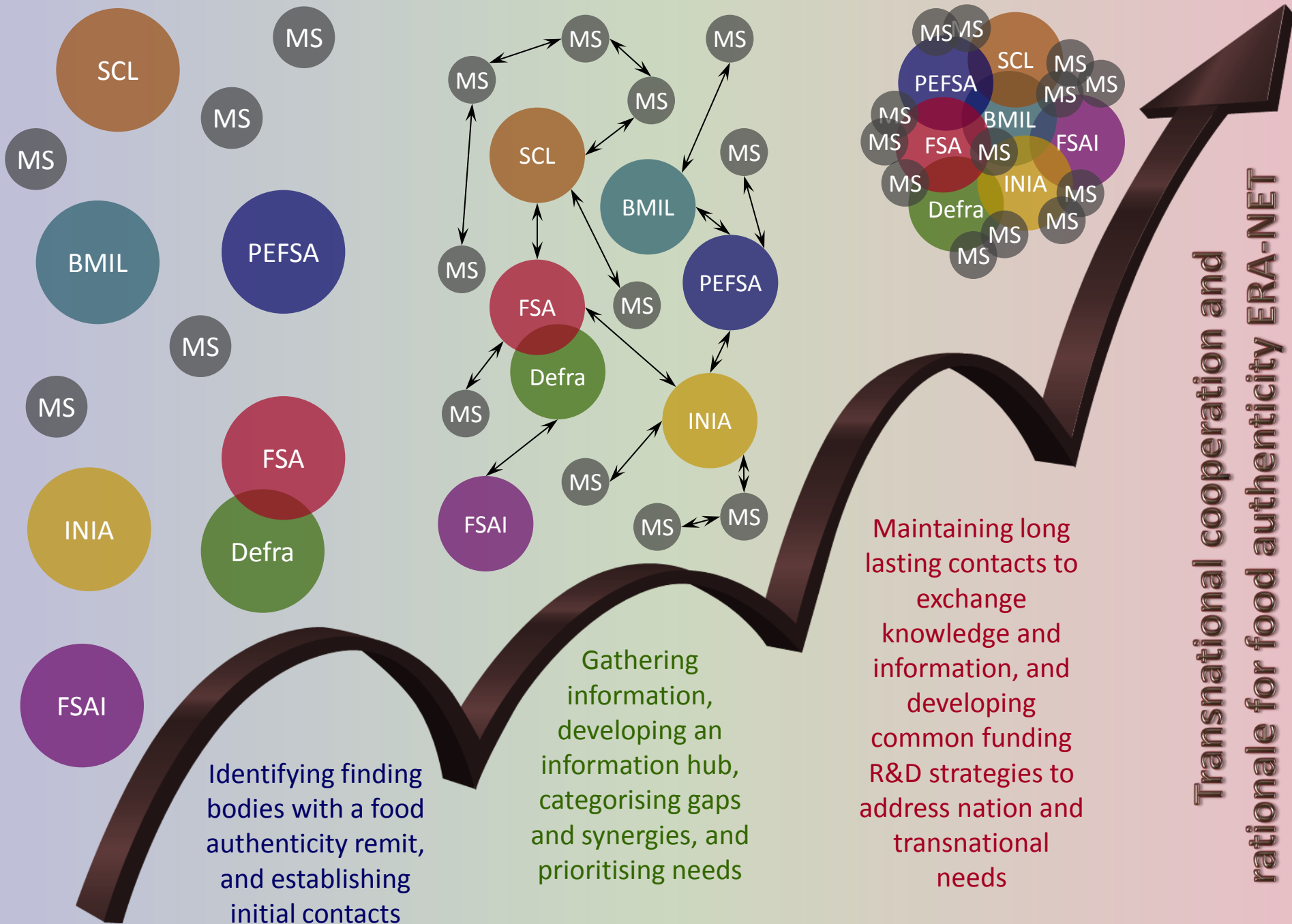
- Lack of cohesion of research activities between Member States.
- Lack of knowledge of the work of other Member States → duplication of effort and time
- Diminishing budgets
- Need for leverage funding



How can Authent-Net help?

- ❑ Bringing funding organisations together
- ❑ Getting an inventory of the current state of the art in terms on Member State funded R&D in food authenticity
- ❑ Maximising budgets by leveraging → more strategic approach to programmes
- ❑ Expanding the network to achieve best results





Authent-Net Overall Approach

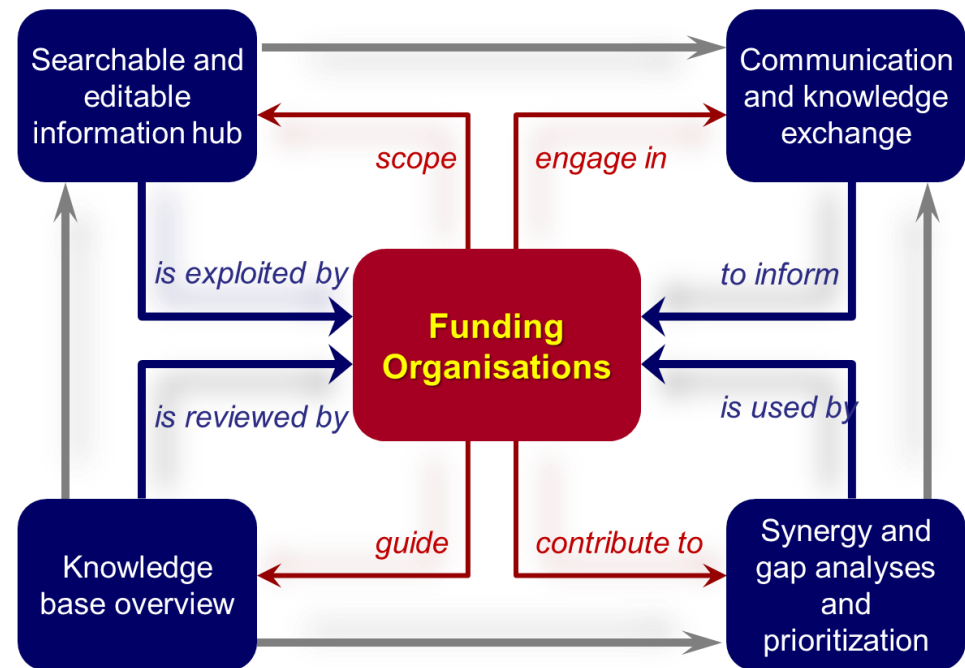
National Funding Bodies = CUSTOMERS

Exploitation of existing projects and resources

Non-funder partners of this project will be the engine for the activities

Four Step Process:

1. Build Network
2. Information Gathering
3. Cohesion & common funding strategies
4. Transnational Cooperation



Key Outputs & Expected Impacts

1. Bring together relevant MS R&D budget holders to coordinate interdisciplinary research effort and build a cohesive and sustainable network
2. Undertake stocktaking of existing national research and assess against the international landscape
3. Establish transnational mechanisms and instruments for collating and exchanging information on food authenticity research
4. Develop a high level research and innovation strategy for transnational research and a rationale for a potential ERANET on food authenticity

The two year project will have the following expected impacts:

- ✓ improved coordination and communication between relevant MS research budget holders
- ✓ enhanced cognisance of existing national research;
- ✓ joint strategy for food fraud R&D;
- ✓ Agreed priorities and capability to deliver transnational European research on food fraud.

Project Progress (in short)

WP1: State of the Art and Consolidation (CRA-W)

- ❖ Current State-of-the-art will be found from:
 - ❖ National Status Reports (10? completed)
 - ❖ Commodity Status Reports
(4 completed: Meat, Fish, Olive Oil, Feed)
- ❖ Funders Online Forum → in progress → Completion expected in March 2017
- ❖ Legal Framework → in progress



WP2: GAP Analysis and Prioritisation (RIKILT)

- ❖ Current common research needs and regional diversity of MSs with the remit of funding food authenticity R&D
- ❖ Common and MS specific current research strategy, future research needs, prioritised gaps, and the requirements for future transnational food authenticity research in MSs



WP3: Driving implementation and integration of the Authent-Net (QUB)



- Expand the network (Funders / Regulators / Policy Makers / Stakeholders)
 - Dublin Workshop – October 2016
 - Geel Workshop – March 2017
 - Parma Annual Meeting – May 2017
 - MORE WORKSHOPS PLANNED
- Low-level European voluntary standard (CWA) “Authenticity in the Feed and Food Chain
- WP4: FARNH (Nofima)
- ❖ The Food Authenticity Research Network Hub → to be presented to you today.

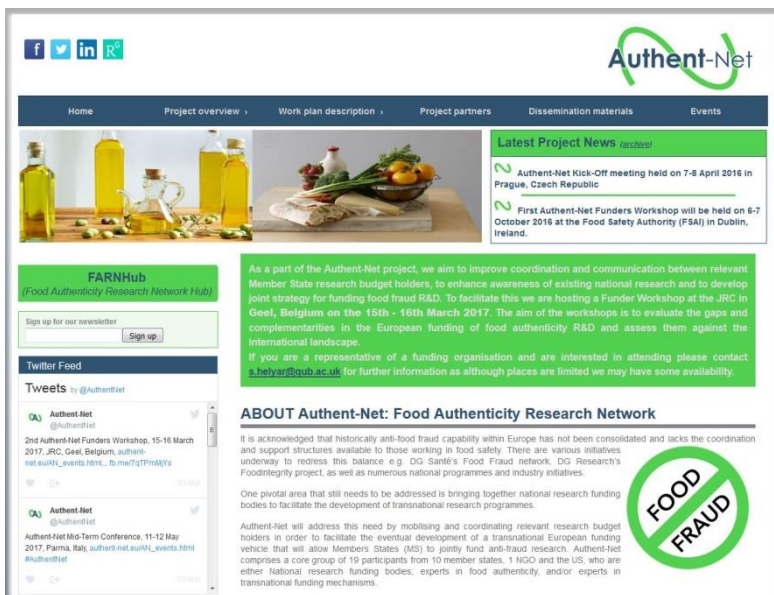


WP6: Management (Fera Science Ltd.)

- Presented Authent-Net to SCAR
- Kick Off-Meeting - Prague



WP5: Dissemination (VSCHT)



<http://www.authent-net.eu/>

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Authent-Net



National Status Report Contents:

- List of organisations that fund food anti- fraud/food authenticity research and the type of research they fund
- Plan/Strategy in terms of Authenticity Research Funding
- Capabilities/Infrastructure of Authenticity research providers/relevant NRLs
- Recent key Cases/Reports/Reviews (after 2010)
- Ongoing Projects (after 2010) including national-international/public-private funded projects)
- Legal framework for food authenticity (in application at a national level)
- Existing indicators used: intelligence sources
- **Commodities/products of interest and type of research of interest**

UK National Status Report

Authent-Net Member State (MS) National Status Report

Country: UK

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 [e.g. LinkedIn private chat] to contact relevant funder, only once you're able to prove that you are from another funding organisation).

1. DEFRA (Department for Environment, Food & Rural Affairs)

Nobel House, 17 Smith Square, London SW1P 3JR

Web: <https://www.gov.uk/government/organisations/department-for-environment-food-rural-affairs>

Type of research funded: STRATEGIC/APPLIED RESEARCH

The Department for Environment, Food and Rural Affairs (Defra) is the government department responsible for environmental protection, food production and standards, agriculture, fisheries and rural communities in the United Kingdom of Great Britain and Northern Ireland.

[Click here to privately contact the persons responsible for Food Authenticity funding.](#)

(This would take you to a secure location [e.g. LinkedIn private chat] to contact Lucy Foster / Sophie Rollinson only once you're able to prove that you are from another funding organisation).

2. FSA (Food Standards Agency)

125 Kingsway, London WC2B 6NH

Web: <http://www.food.gov.uk/>

Type of research funded: STRATEGIC/APPLIED RESEARCH

The Food Standards Agency is a non-ministerial government department of the Government of the United Kingdom. It is responsible for protecting public health and other consumer interests in relation to food in England, Wales and Northern Ireland.

[Click here to privately contact the persons responsible for Food Authenticity funding.](#)

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

3. Innovate UK

North Star House, North Star Avenue, Swindon, SN2 1UE

Web: www.innovateuk.gov.uk

Type of research funded: APPLIED RESEARCH

Innovate UK is the operating name of the Technology Strategy Board, the UK's innovation agency. It is a UK non-departmental public body operating at arm's length from the Government reporting to the Department for Business, Innovation and Skills (BIS).

[Click here to privately contact the persons responsible for Food Authenticity funding.](#)

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

4. BBSRC (Biotechnology and Biological Sciences Research Council)

Biotechnology and Biological Sciences Research Council (BBSRC), Polaris House, North Star Avenue, Swindon, Wiltshire, SN2 1UH

Web: <http://www.bbsrc.ac.uk/>

Type of research funded: BASIC RESEARCH

Biotechnology and Biological Sciences Research Council (BBSRC) is a UK Research Council and NDPB and is the largest UK public funder of non-medical bioscience. It predominantly funds scientific research institutes and university research departments in the UK.

[Click here to privately contact the persons responsible for Food Authenticity funding.](#)

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

5. Engineering and Physical sciences research council (EPSRC)

EPSRC, Polaris House, North Star Avenue, Swindon SN2 1ET

<https://www.epsrc.ac.uk/>

Type of research funded: APPLIED RESEARCH

The Engineering and Physical Sciences Research Council (EPSRC) is a British Research Council that provides government funding for grants to undertake research and postgraduate degrees in engineering and the physical sciences mainly to universities in the United Kingdom.

[Click here to privately contact the persons responsible for Food Authenticity funding.](#)

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

6. Agriculture and Horticulture Development Board (AHDB)

Agriculture and Horticulture Development Board

Stoneleigh Park

Kenilworth

Warwickshire

CV8 2TL

<http://www.ahdb.org.uk/>

Type of research funded: STRATEGIC/APPLIED RESEARCH

Commodity Status Report Contents:

State of the Art of the commodity:

- 1. Market Share of Commodity:
- 2. Process Specificity of commodity (production/welfare):
- 3. Trade of Commodity:

Key KNOWN Authenticity Issues with this commodity (links):

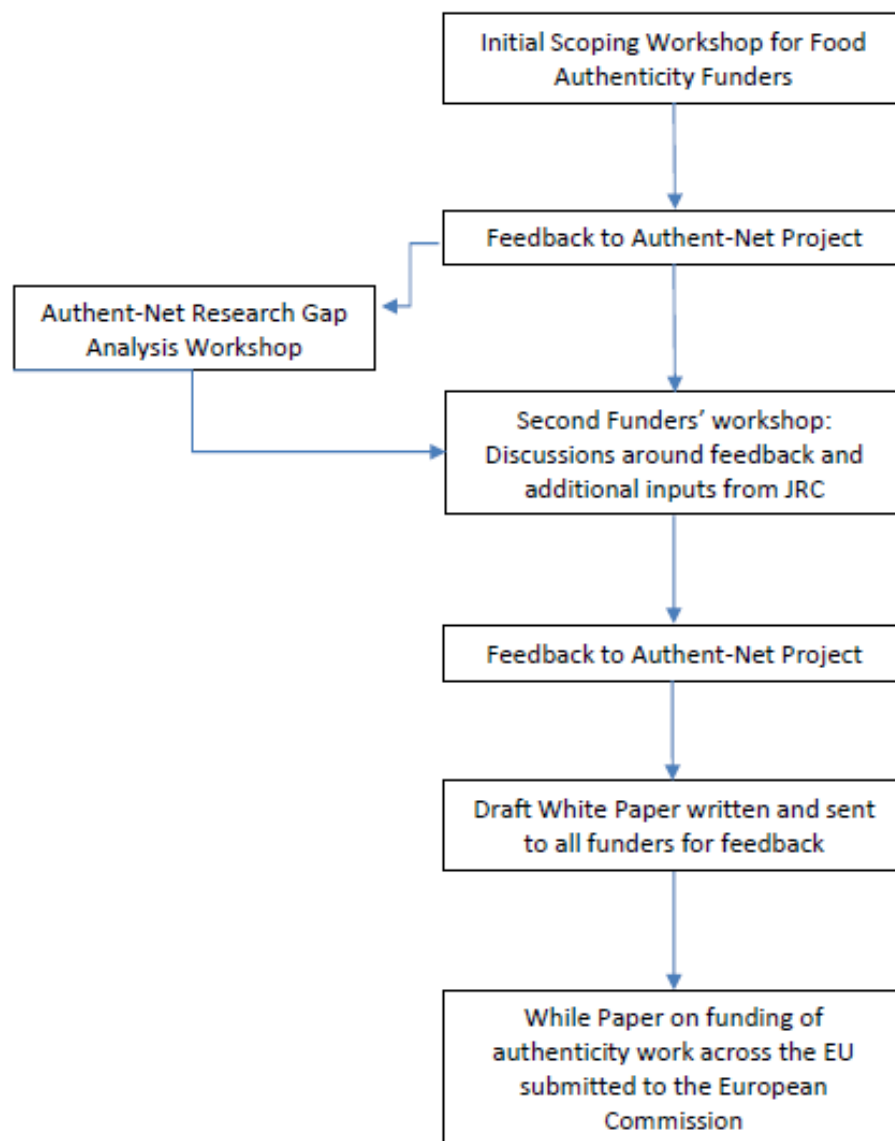
- 1. Substitution
- 2. Addition of substance X
- 3. Process/production/welfare deception

Existing relevant information on methods:

Official Bodies/ Countries involved in control funding of this commodity:

Gaps

III. Figure 1: Roadmap of Authent-Net events leading to development of White Paper on Food Authenticity



In this meeting:

Purpose of meeting

To enhance the cohesion between national funding bodies

To get funding body feedback on Authent-Net progress and key outputs

What we expect from workshop participants

Your views on Authent-Net and willingness to collaborate

Your views of the National and Commodity Status reports produced to date

Your end user needs for the Food Authenticity Research Network Research Hub (FARNH)

Your views on the proposed secure space for national funding bodies

Your views on the ERANET proposal submitted to the SCAR committee

Outcomes

National funding body feedback (report) on the proposed activities above to ensure the outputs are co-designed by end users.

Agenda:

Date: 15th March 2017

Time:	
12:00 – 13:00	Lunch
13:00 – 13:10	Welcome and overview of the workshop - Franz Ulberth & Chris Elliott/Sarah Helyar
13:10 – 13:20	Overview of JRC Franz Ulberth
13:20 – 13:45	Overview of Authent-Net, plans and progress - Paul Brereton
13:45 – 14:15	Why DEFRA/MINEZ/FSAI are taking part in Authent-Net? - Lucy Foster, Ninca Wentzel, Peter Whelan
14:15 – 15:00	Update on National and Commodity Status Reports & FARNH – Philippe Vermeulen/ Vincent Baeten
15:00 – 15:30	Coffee break
15:30 – 15:45	Overview of the Roadmap Chris Elliott
15:45 – 16:10	ERA-NETS Mike Collins
16:10 – 16:30	Proposal for ERANET on Food authenticity to SCAR - Paul Brereton
16:30-18:00	(A) Closed session of Funding bodies (including presentation of secure forum (PV)) (B) Closed session of Authent-Net (without funders) review of WP progress and future plans
19:30	Authent-Net Dinner & Networking

Date: 16th March 2017

Time:	
9:00 – 9:30	Report of session A
9:30 – 10:30	Report of session B
10:30 – 11:00	Tea break & Networking
11:00 – 11:20	Gap analysis - Willheim Haasnoot?
11:20 – 12:00	Breakout groups- priority areas for collaborative research
12:00 – 12:30	Rapporteur session
12:30 – 12:55	Final remarks and close - Chris Elliott
13:00	Lunch and Depart



COMMUNICATION

To Contact ALL Authent-Net partners:

AuthentnetPartners@fera.co.uk

To Contact Authent-Net Work Package Leaders ONLY:

AuthentnetWPLs@fera.co.uk

To Contact Authent-Net Management:

Authent-Net@fera.co.uk





www.authent-net.eu



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

— ERA-NET Proposal —

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Proposal for Horizon2020, SC2 Work Programme 2018 – 2020: Protecting Europe from food fraud (ERA-NET Co-Fund)

The Challenge

One area yet to be developed is cohesion of research activities between MS and associated countries. Currently there is a lack of knowledge of the work of other Member States potentially leading to duplication of effort at a time when national research budgets are diminishing and under increasing scrutiny.

Although only 9 months into the two year project, Authent-Net has already produced some key findings:

- Member States want more cohesion with regard to food authenticity research
- They regard food authenticity as a means of enhancing and protecting the value of European food
- The level of country participation in Authent-Net indicates the interest countries have in a collaborative co-funding approach to research in this area

Proposal for Horizon2020, SC2 Work Programme 2018 – 2020: Protecting Europe from food fraud (ERA-NET Co-Fund)

Scope

The proposed ERA-NET Co-Fund will provide a platform for commissioning transnational projects on a range of food fraud and authenticity issues, focussing on commodities of importance, including:

- ✓ developing innovative cutting edge methods to detect emerging food fraud issues
- ✓ simplification of existing methods to allow for rapid, point of use screening
- ✓ transnational method validation studies
- ✓ harmonisation of methods and approaches
- ✓ surveillance/pilot studies to scope out scale of fraud issues

ERA-NET Co-Fund would:

- provide a framework for delivering collaborative research that aligns with the strategic research agenda for transnational priorities.
- strengthen the links between relevant European Research infrastructures including the proposed European Reference Centre(s)
- directly address aspects of Horizon 2020 Societal Challenge 2 Work Programme 2018-2020 Scoping Paper concerned with “Functional ecosystems, sustainable food systems, healthy lifestyles”

Impacts

- Better targeted and co-ordinated R&D
- Increased competitiveness of European Agri-food industry
- Increased consumer confidence in European foods



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