

# Identifying the gaps in current research on food authenticity – the process

Food Integrity WP3

JRC, BfR, UCD, Eutema, FiBL, UCPH, DLO-RIKILT, NOFIMA, UoN

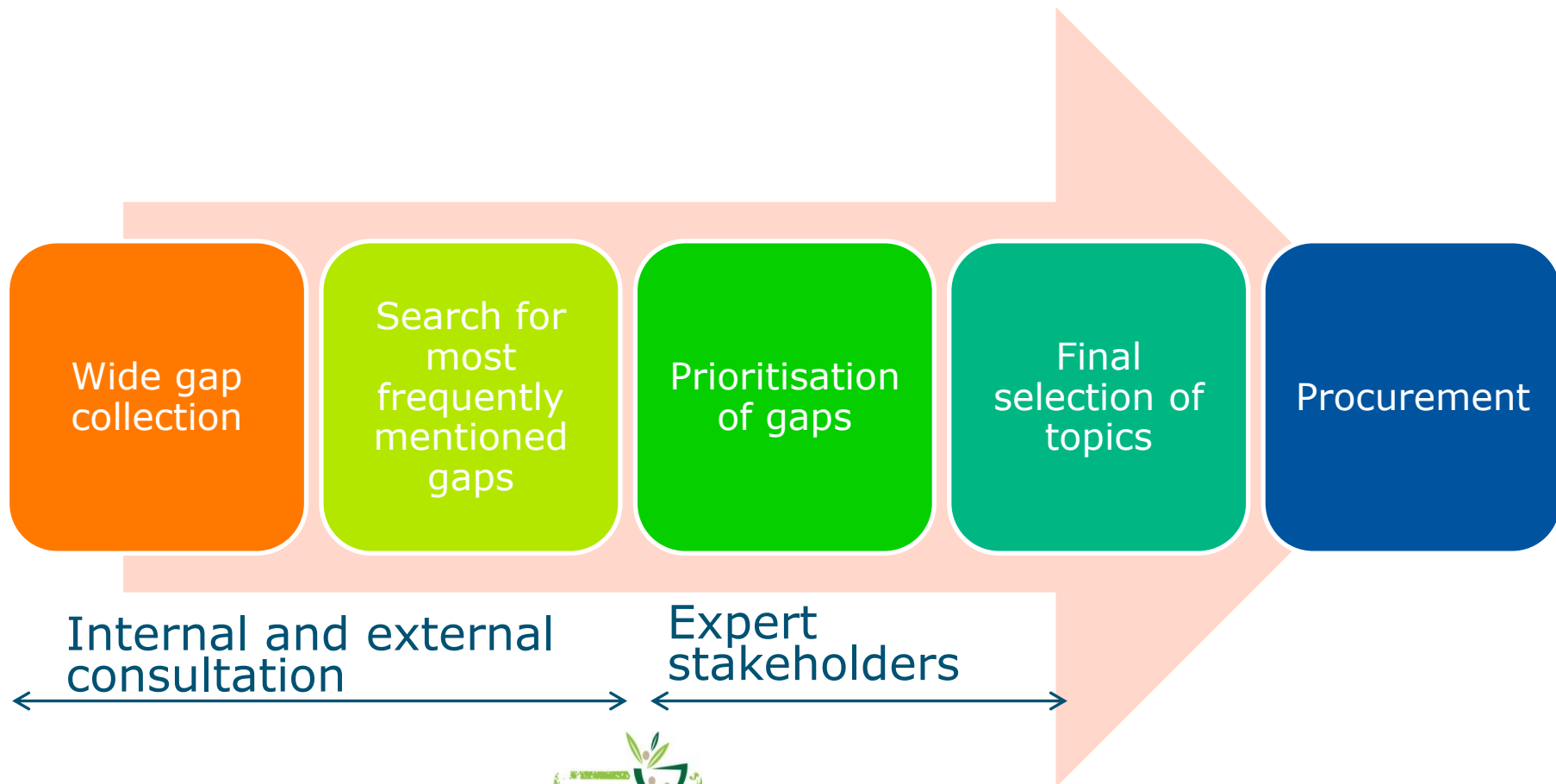


# Objectives

To determine and prioritise present food integrity gaps.

The identified gaps are to be transferred into research topics for procurement of new research projects for which competitive calls to be launched by the Food Integrity project in 2015.

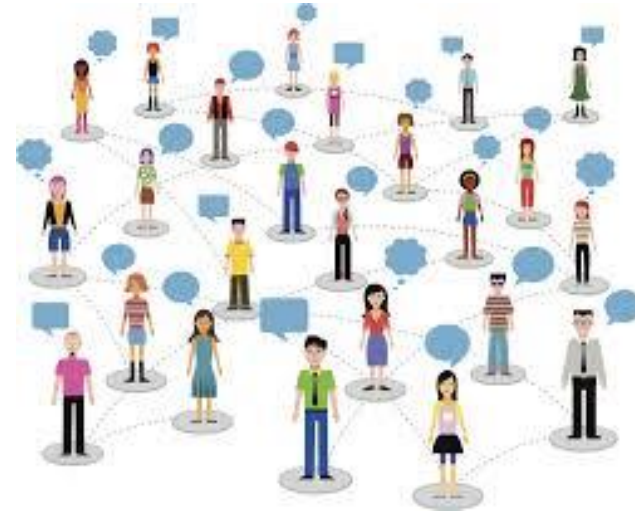
# Process diagram- Process facilitated by WP3



# WP3: Collecting information on gaps

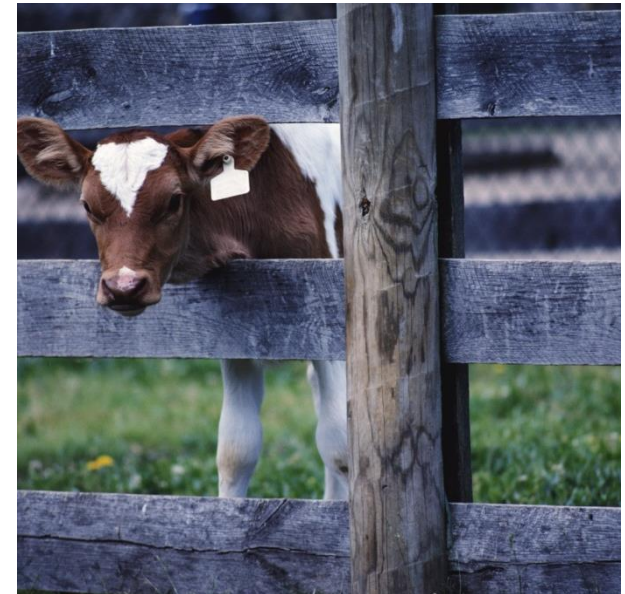
## ■ Consulting:

- Industry
- Consumers
- Regulators
- Scientists

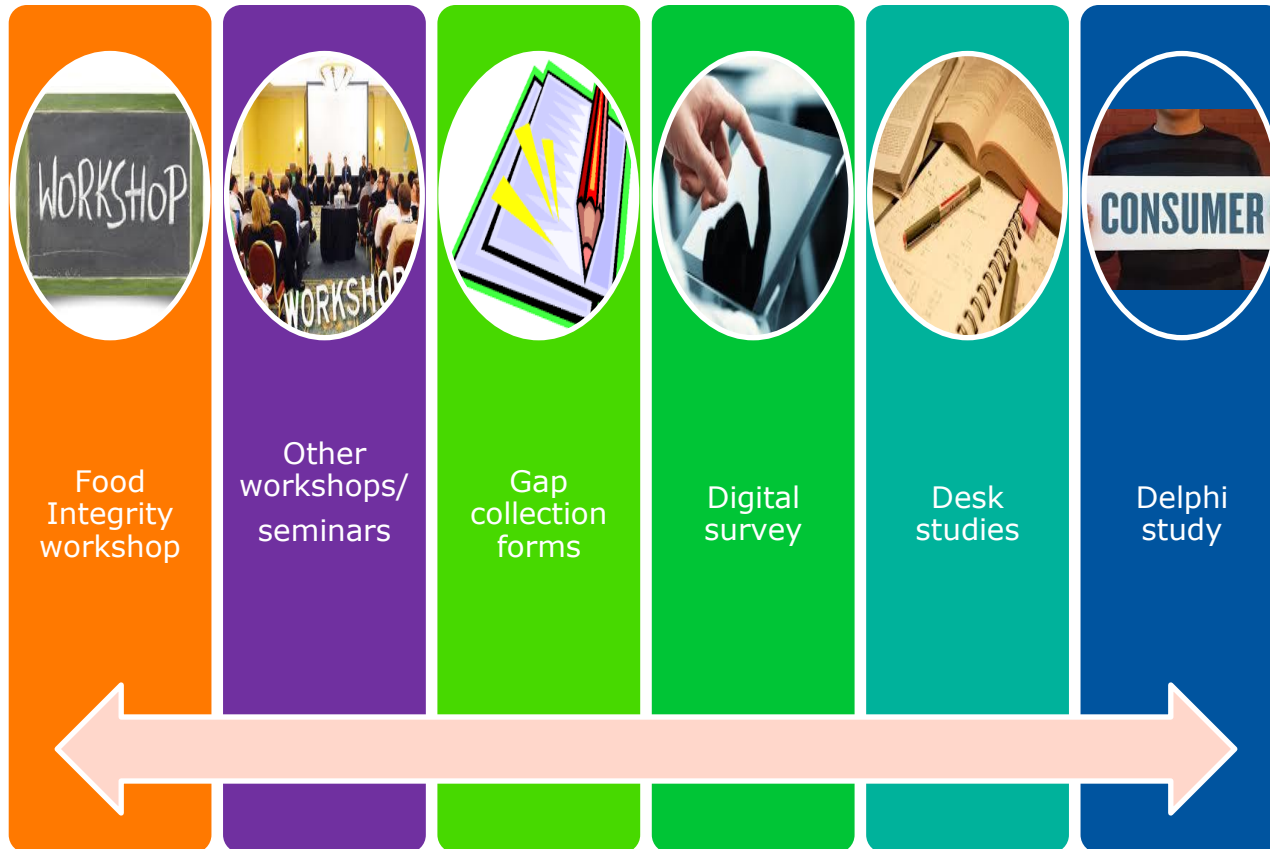


# Inventory of gaps: four categories

- Analytical methodology
- Traceability / Uptake & Implementation
- Consumer issues
- Others



# Broad collection of gaps



# Example of distribution of respondents (digital survey)

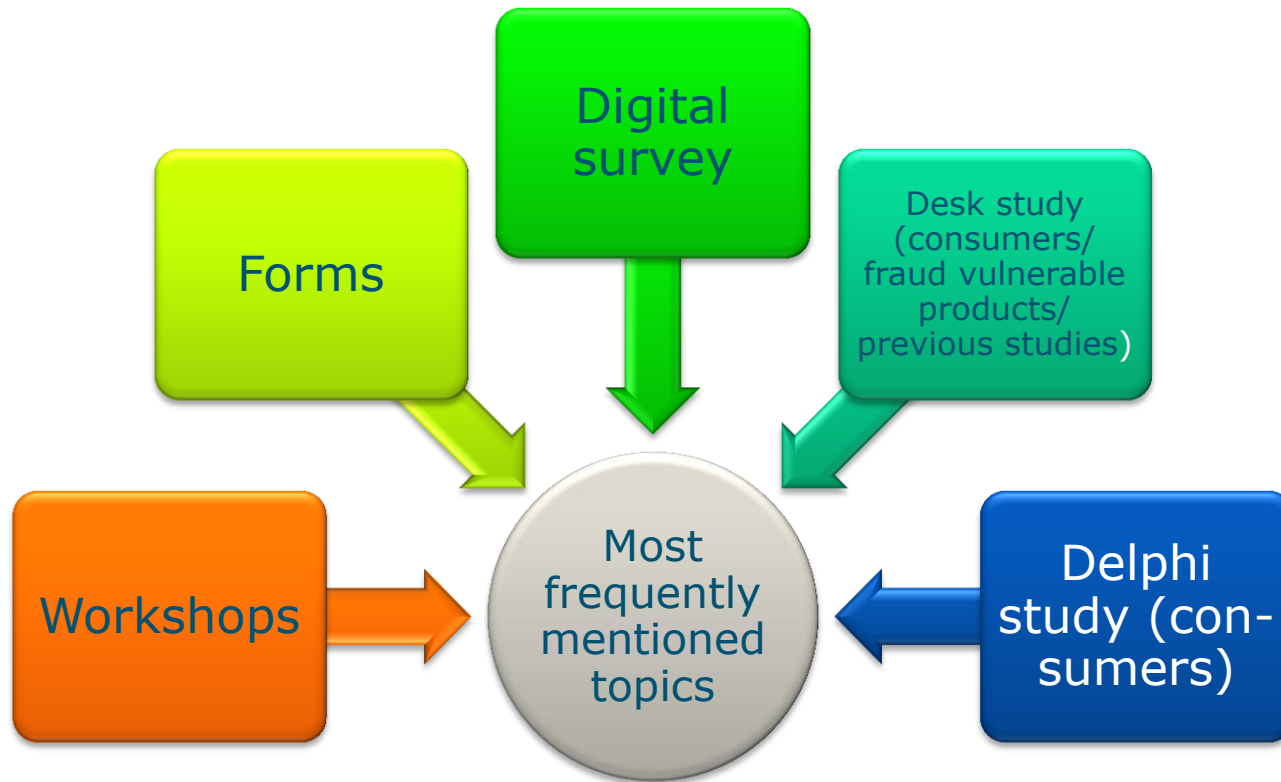


Group	Response	%
Industry	23	24%
Consumers	3	3%
Researchers	50	52%
Regulators	12	12%
Others	9	9%
<b>Total*</b>	<b>97</b>	<b>100%</b>

Not answered: approx. 35

Geographical origin: ~85% EU, remainder Asia, North America, others (in decreasing order)

Gender: 37% female, 63% male



- Analytical methodology
- Traceability / Uptake & Implementation
- Consumer issues
- Others



# List of the ten major gaps

- Lack of methods for complex foods
- Lack of generic methods for geographical origin verification
- Lack of reliable methods for fraud detection in meat
- Lack of standardization and harmonization of fingerprinting methods
- Lack of financially affordable methods
- Insufficient EU and certification systems
- Lack of implementation of traceability systems
- Lack of communication of relevant information to consumers
- Uncertainty about accuracy and honesty of information available to consumers
- Lack of transparency of accountability and responsibility in the chain



# Prioritisation



# Expert panel meeting October 2014- Brussels prioritized the major gaps

<b>Organisation</b>	<b>Type organisation</b>
Ahold	Retailer
DEFRA	National government
DGAGRI	European Commission
DGRTD	European Commission
DGSANCO	European Commission
DGSANCO	European Commission
DGTAXUD	European Commission
ECOCERT	Certification
Eurocommerce	Retail association
Food Drink Europe	Association of food producers
Nestle	Food producer
SSAFE	Standardisation
<i>Europol</i>	<i>Europol</i>
<i>Which?</i>	<i>Consumer organisation</i>

# Expert panel meeting: Prioritisation process



# Break out groups and second ranking, discussion and final selection

- Standardization and harmonization of untargeted food integrity methods (analytics + chemometrics)
- Approaches to assure the integrity of complex (composite) foods
- Common platform and tools for sharing information across stakeholders (producers, retailers, regulators, consumers)
- Rapid, cost efficient methods for fraud detection



# Gaps => Draft topics

- One page descriptions were circulated among the stakeholders and WP3 participants for feedback (WP3)
- Descriptions were reflecting the selection and discussions correctly according to stakeholders)
- FI MC meeting Schiphol November 2014: further demarcation and transfer from gap to draft topic



WP9 Procurement

Thank you

