



# **The EU Protein Plan**

## **State of play**

### **Workshop 2**

**Agronomic practices & environmental Benefits**

**11 June 2018**



# Agenda

1. Context
2. Preliminary results
3. Progress on work plan



## Context: a lot of interest

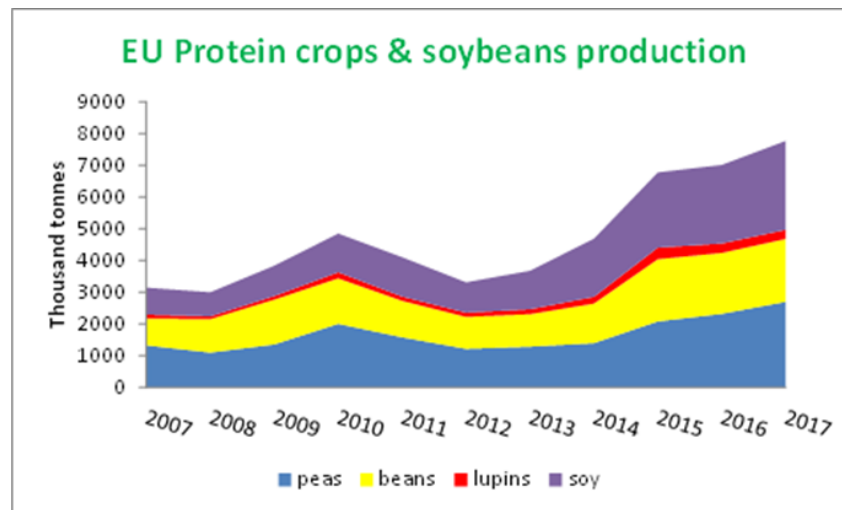
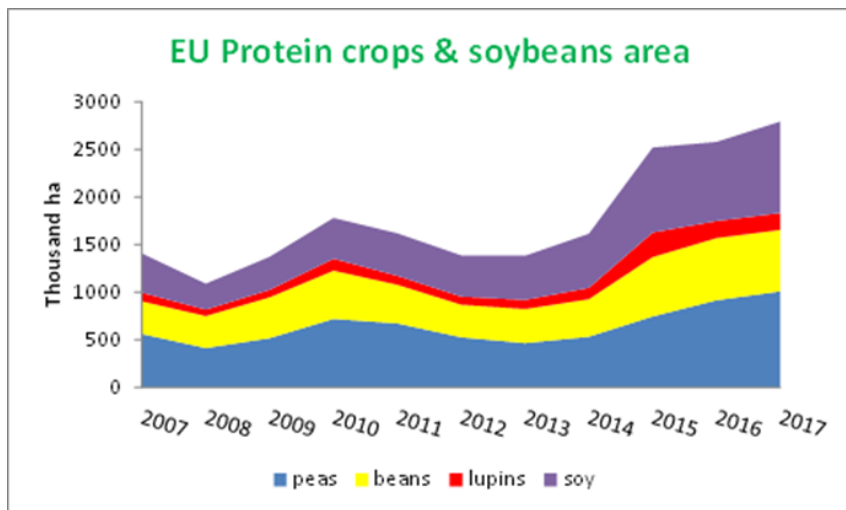
- Various requests from **stakeholders** on "plant proteins" (e.g. FEFAC Conference June 2017)
- **Council:** discussions on plant proteins at Council level mid-2017 on "**Soya Declaration**" + February 2018 about work programme for the EU protein plan – broad support from Member States for EU protein plan
- **European Parliament:** April 2018 adoption of initiative report (MEP Denanot) on a "**European strategy for the promotion of protein crops**"
- **European Commission:** preparation of "**Protein Plan for Europe**" to be published as Commission Report end 2018
- **Austria** (as EU Presidency) will host **EU conference on Plant Proteins** on 22/23 November 2018

## Context: EU protein crops and EU soya Production on the rise

**Area/production more than doubled since 2013**

EU protein crops (peas, beans, lupins): 5 Mio tonnes

EU soya: 2.8 Mio tonnes





## Results: Stakeholder Survey

- Launched on same day as Council meeting (19<sup>th</sup> February)
- Total of 15 questions on plant proteins addressing scope, policy, markets, research
- Communicated through e-mail notification to 300 stakeholders and announced on DG Agri website
- In total 444 responses

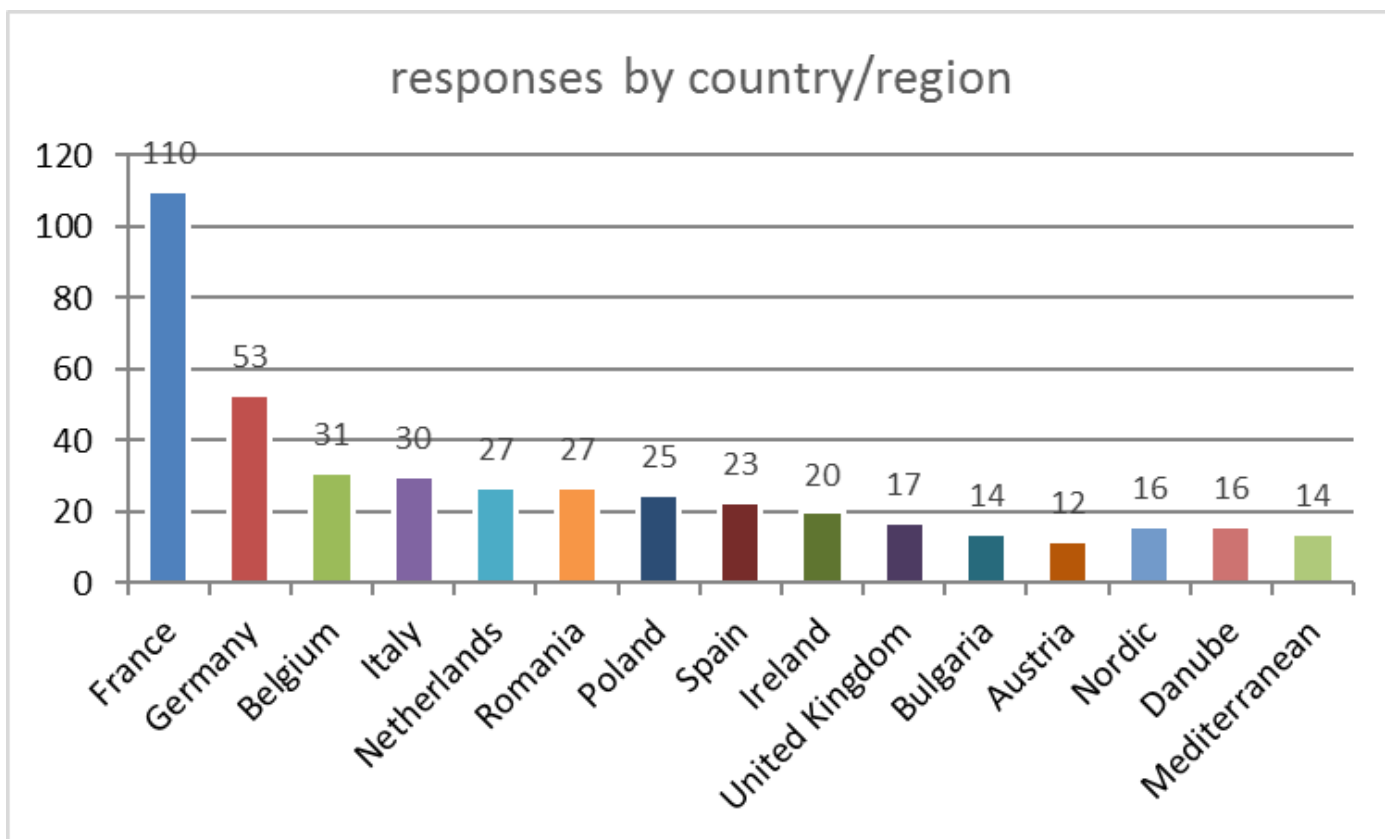


European  
Commission

# Responses by Geographical Origin

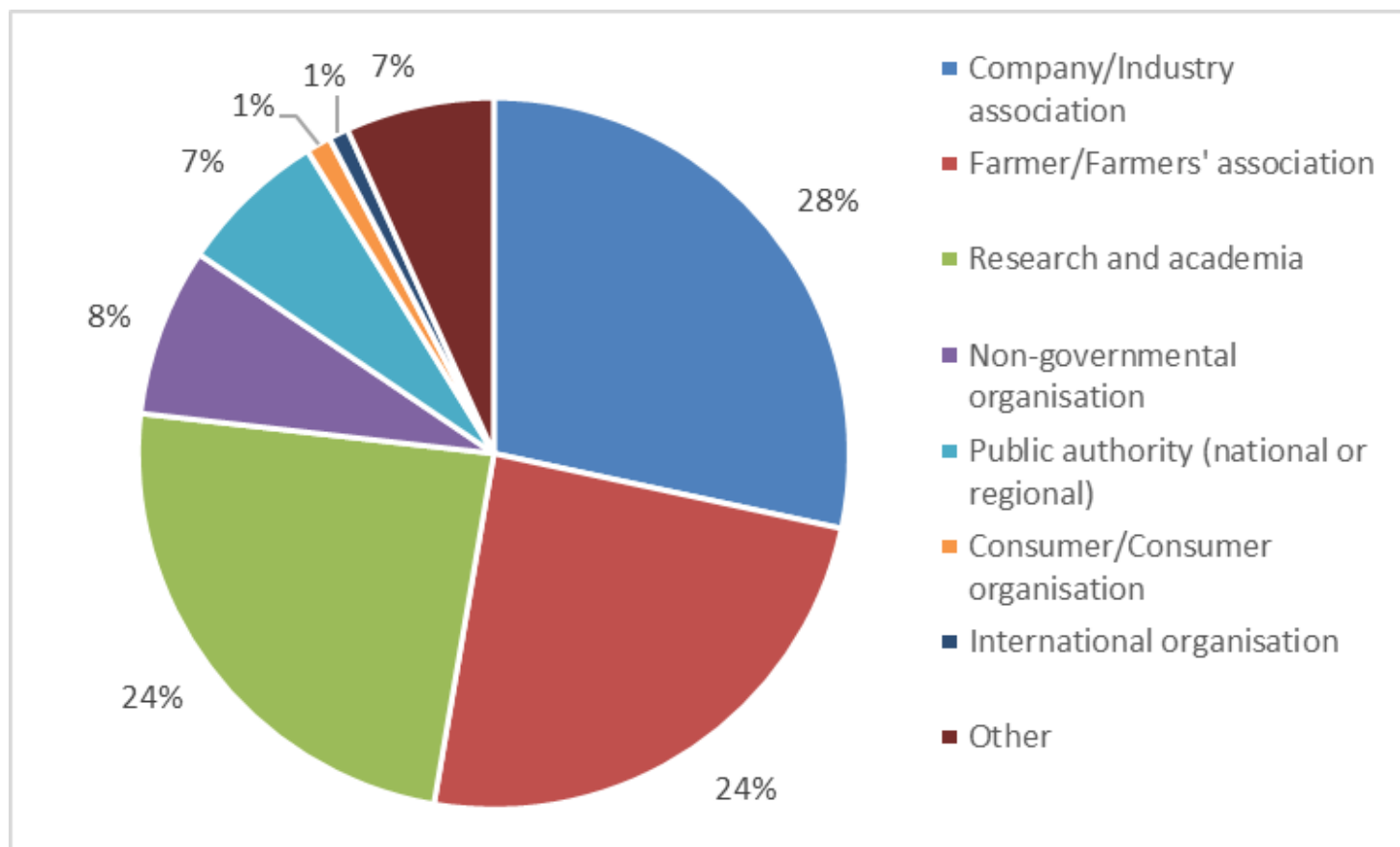
## Responses from 26 MS

### Most responses from France and Germany



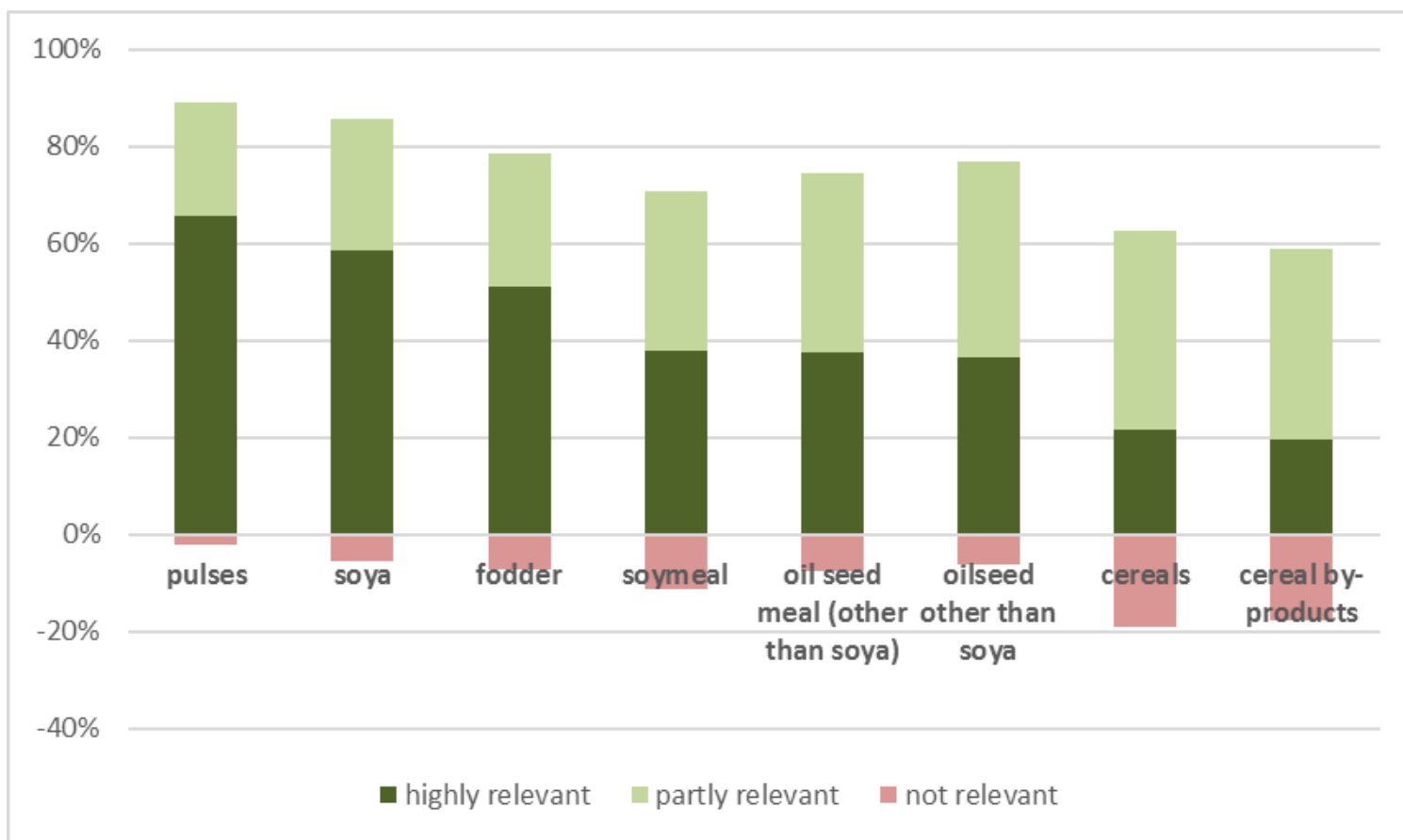
## Responses by type of organisation

### 75% by companies, farmers and research



## Sources of plant proteins

### Soya, pulses and fodder most relevant



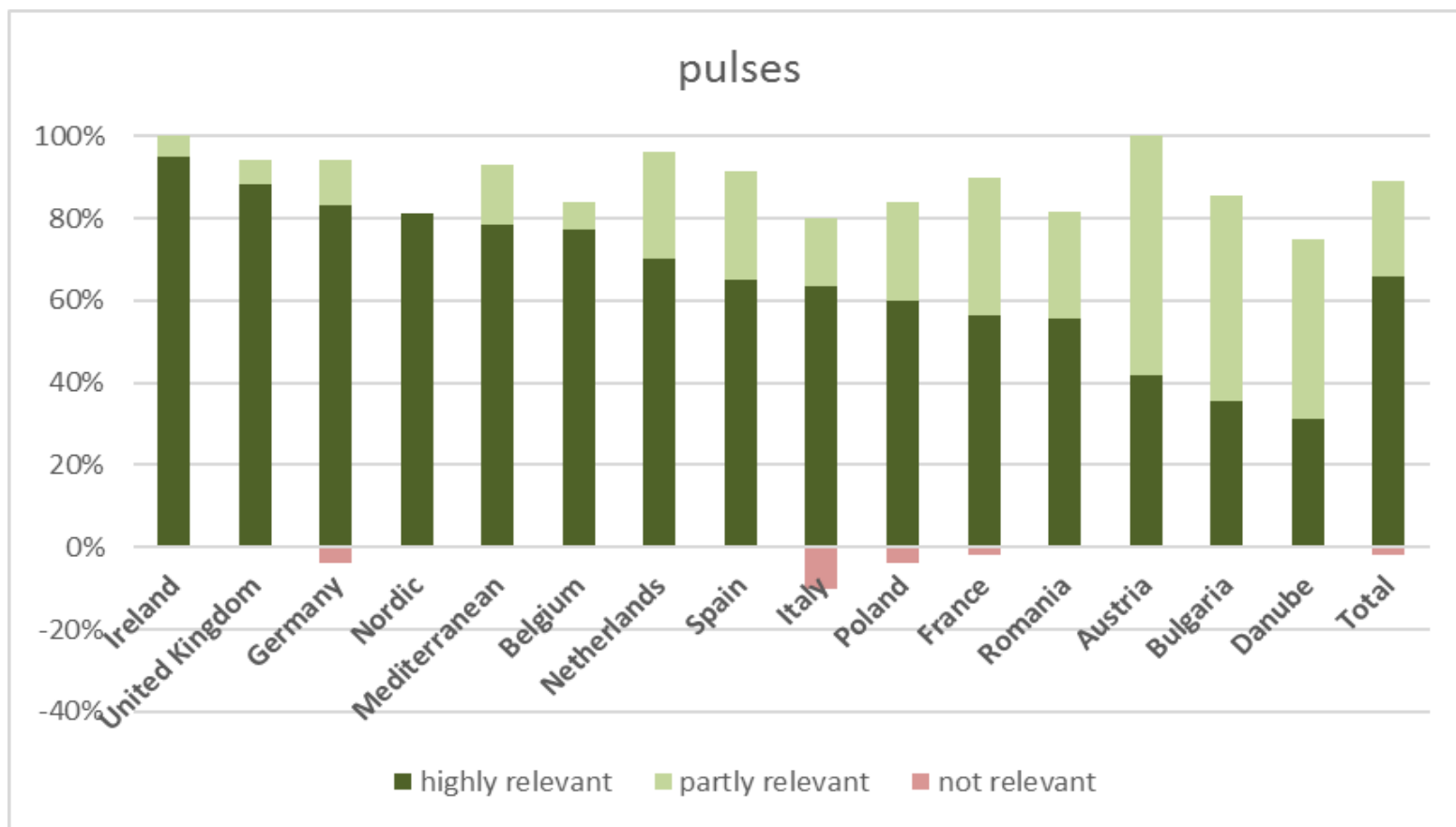




European  
Commission

# Pulses

## Northwest EU and Mediterranean

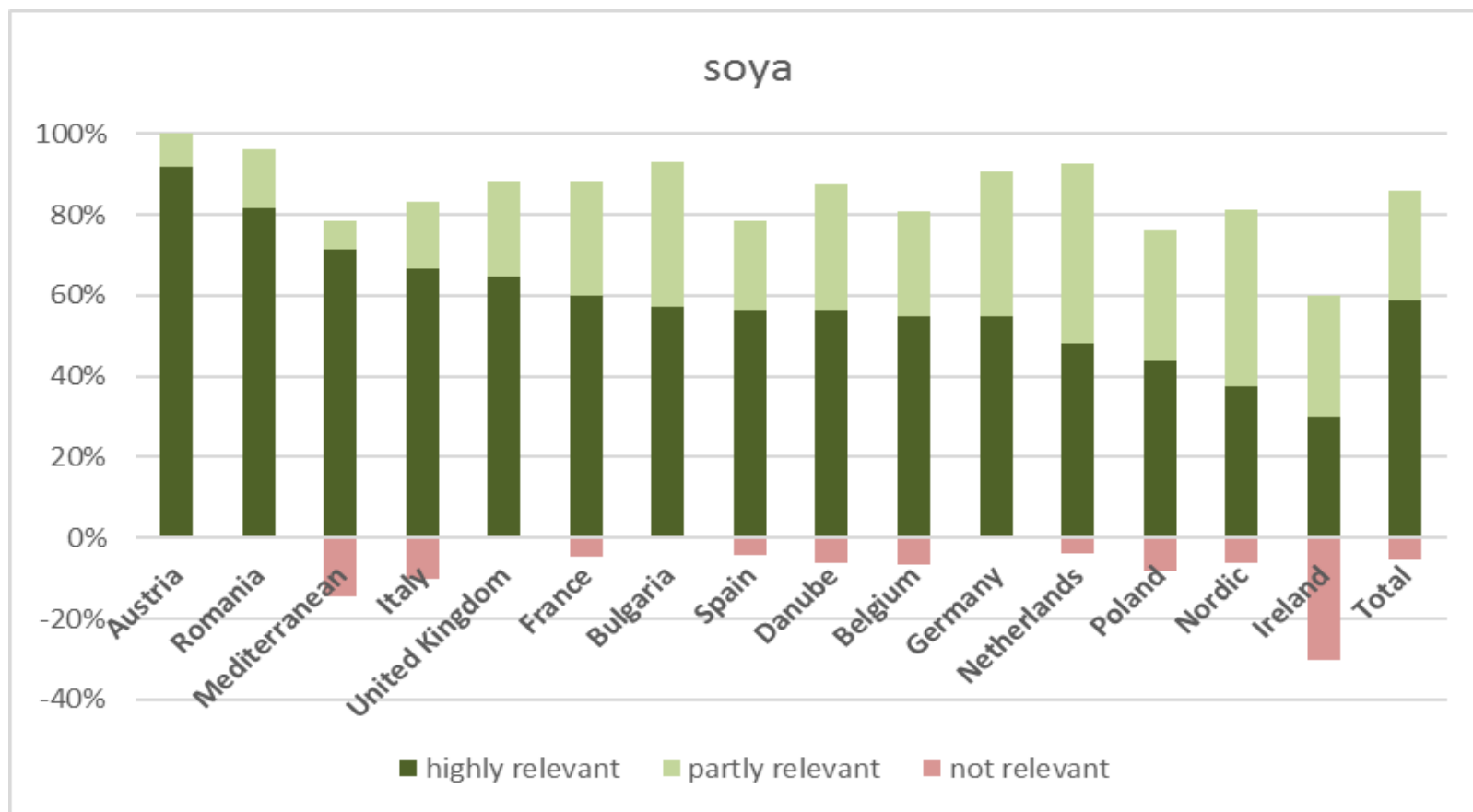




European  
Commission

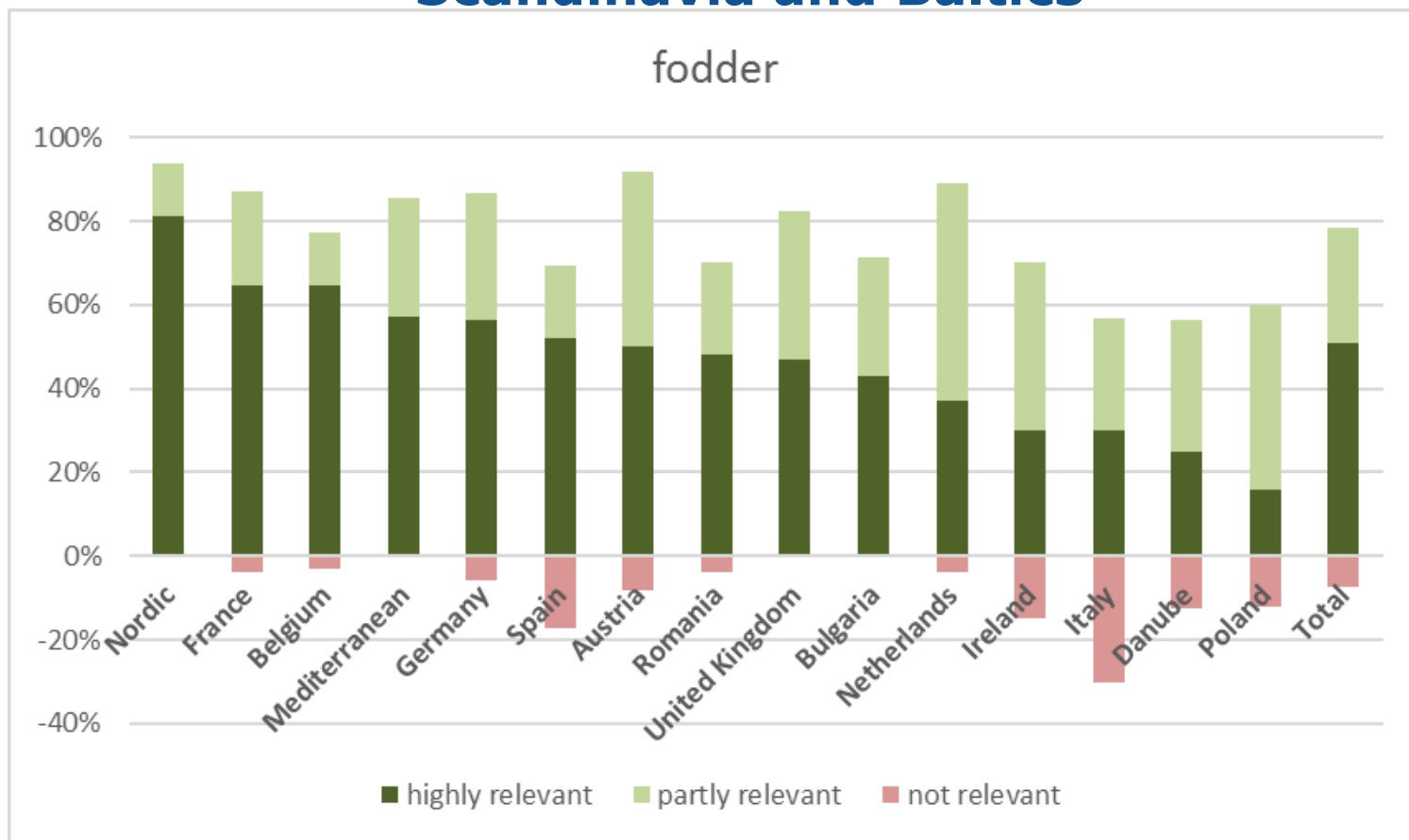
# Soya

## Danube region & Mediterranean



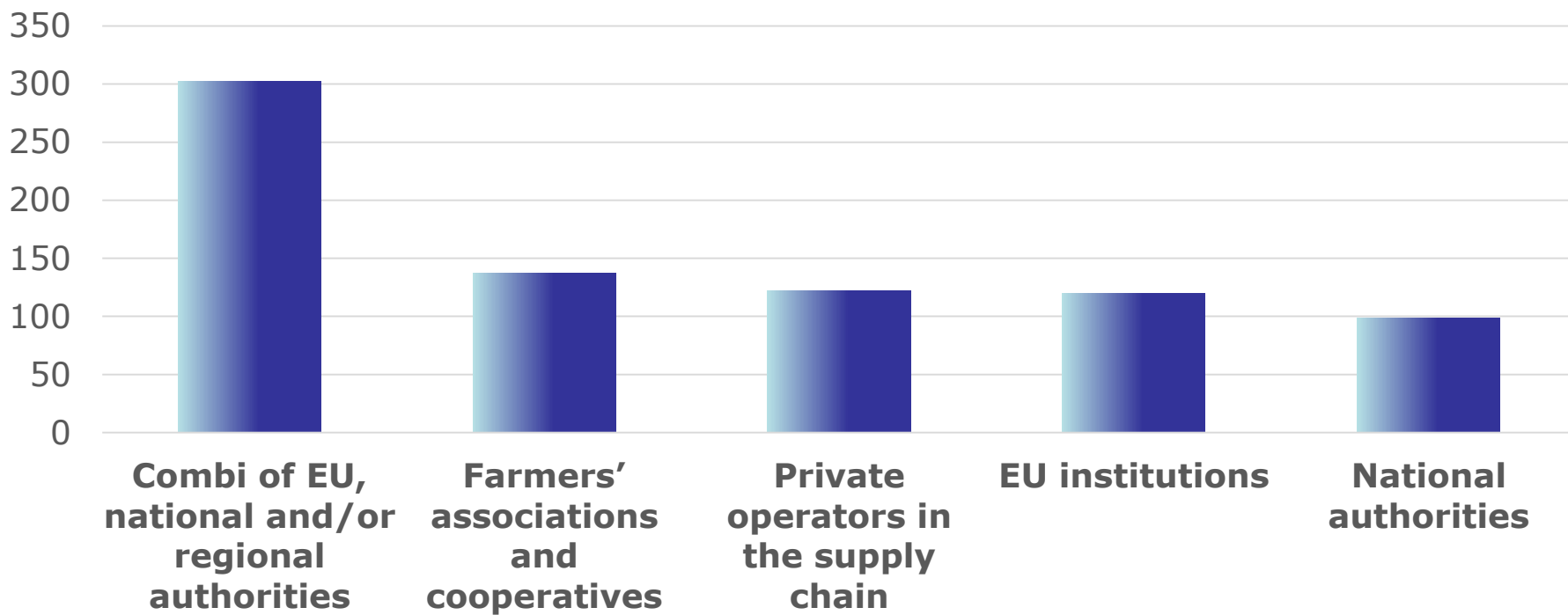
# Fodder

## Scandinavia and Baltics



## Actors for protein plan

### Joint effort by authorities and sector



# Priorities for protein plan

## Highest priority: research and innovation

	Company/ Industry association	Farmer/ Farmers' association	Research & academia	NGO & Consumer Organisation	national or regional authority	Other	Total
<b>Research and innovation</b>	67%	69%	85%	51%	77%	67%	71%
<b>Yield improvement</b>	60%	67%	46%	58%	67%	47%	58%
<b>Protein quality</b>	64%	45%	52%	53%	57%	63%	55%
<b>Profitability/price</b>	59%	68%	37%	23%	43%	67%	52%
<b>Agricultural practices</b>	40%	57%	59%	63%	60%	63%	54%
<b>Environmental benefits</b>	41%	64%	56%	70%	53%	53%	55%
<b>Food supply chain</b>	25%	29%	42%	33%	40%	40%	33%
<b>Feed supply chain</b>	57%	32%	36%	49%	43%	30%	43%
<b>Food market demand</b>	16%	19%	21%	21%	7%	13%	18%
<b>Feed market demand</b>	25%	22%	12%	14%	13%	17%	19%



# **Research priorities**

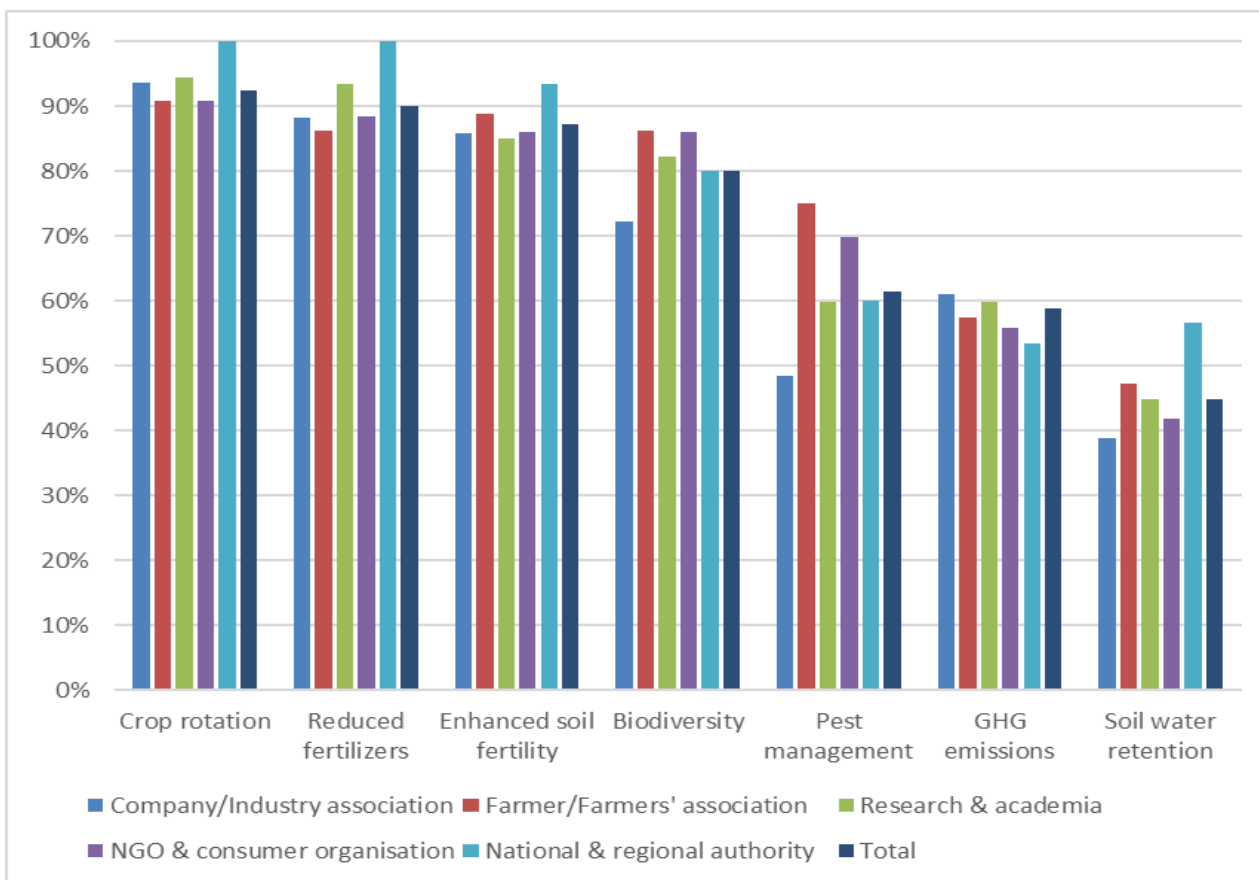
## **Breeding and sustainability first priorities**

### Research priorities

- Breeding (yield improvement)
- Breeding (nutrition)
- Environmental benefits
- Sustainable cropping (rotation)
- Use of pesticides / nutrients
- Breeding (better harvesting)
- Breeding (value chain)

# Agronomic and environmental benefits

## Crop rotation, reduced fertilizers & soil fertility





## Results: Workshop 1 Research and Innovation

45 experts participated

1. **breeding and genetics** for improved production and resilience
2. integration of protein crops in **cropping systems and agricultural landscapes**
3. integration of plant proteins in **food and feed systems**



## Preliminary results workshop 1

- *Research in better varieties is needed*
  - **More stable and higher yields**
- *Protein crops often too small for private breeding companies*
- *Farmers not sufficiently aware of the effects of legumes on the next crop*
- *Feed and food are very different markets*
  - **Feed is about amino acid and digestibility**
  - **Food is about taste**



## Upcoming activities

- *Workshops*
  - 3. Supply chains**
    - 11/12 July in Chalon sur Saone, France
  - 4. Market Segments**
    - 17/18 September in the Netherlands.
- *High Level Conference in Vienna 22/23 November*