



# **Towards the establishment of a "EU Protein Balance sheet"**

## **CDG on Energy Crops**

**Brussels, 5<sup>th</sup> May 2017**

# Objective

**A comprehensive (and "official") overview of  
EU supply and demand situation  
for feed proteins**

**Supply:** exhaustive list of feed protein sources (not only protein-rich materials)

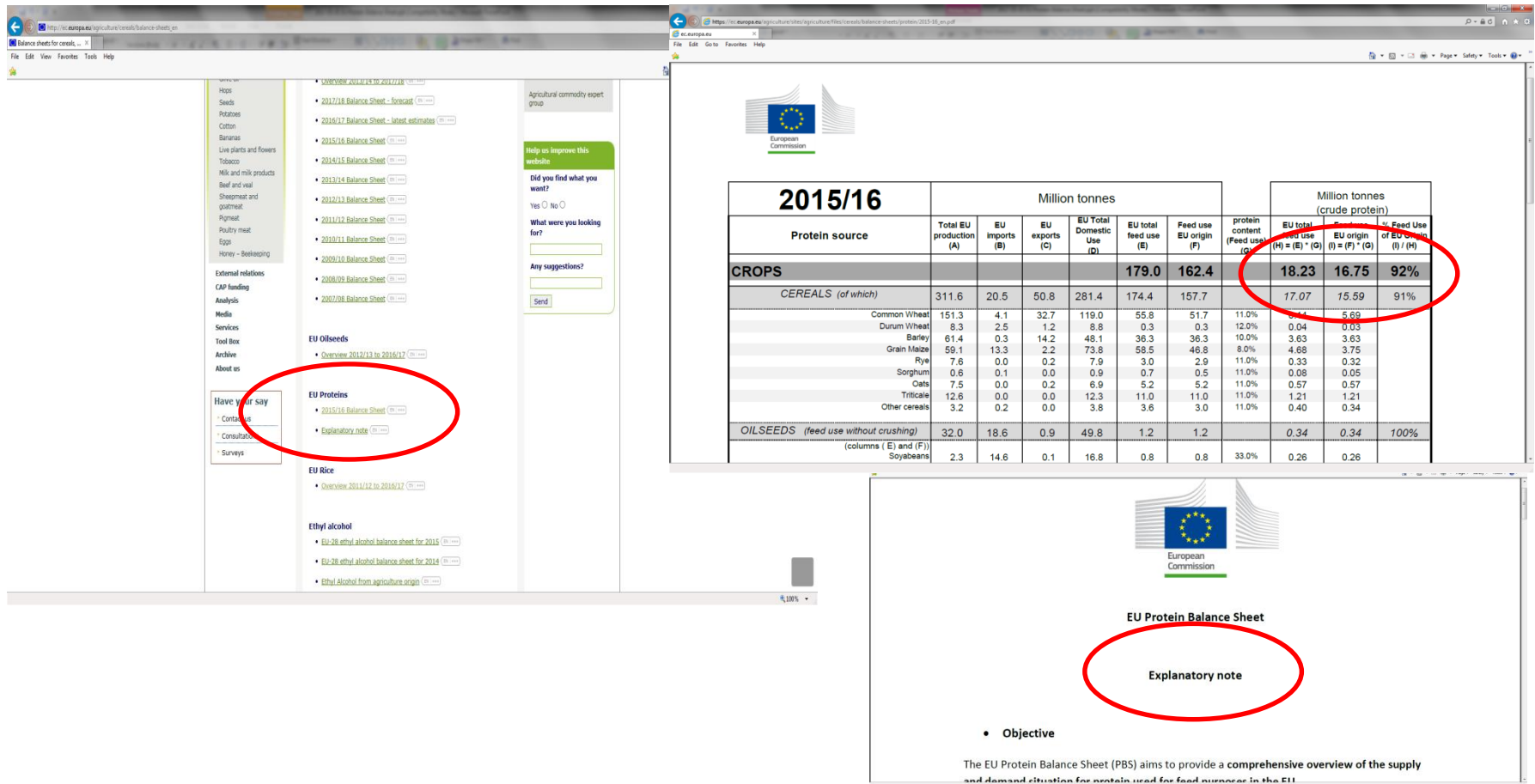
**Demand:** focus on feed uses of proteins

## Timelines

- **29 November 2016:** first "technical" meeting with stakeholders focused on methodology
- **25 January 2017:** second "technical" meeting leading to first draft EU protein balance sheet (+ draft cover note)
- **March-April 2017:** presentation of draft EU protein balance sheet in various CDGs (COP+meat)
- **10 April 2017:** publication on DG AGRI website of first EU protein balance sheet (MY 2015/16)

# Publication on DG AGRI website

[http://ec.europa.eu/agriculture/cereals/balance-sheets\\_en](http://ec.europa.eu/agriculture/cereals/balance-sheets_en)



**2015/16**

Protein source	Million tonnes						Million tonnes (crude protein)			
	Total EU production (A)	EU imports (B)	EU exports (C)	EU Total Domestic Use (D)	EU total feed use (E)	Feed use EU origin (F)	protein content (Feed use (G))	EU total feed use (H) = (E) * (G)	EU origin (I) = (F) * (G)	% Feed Use of EU origin (I) / (H)
<b>CROPS</b>					<b>179.0</b>	<b>162.4</b>		<b>18.23</b>	<b>16.75</b>	<b>92%</b>
<i>CEREALS (of which)</i>										
Common Wheat	151.3	4.1	32.7	119.0	55.8	51.7	11.0%	6.14	5.69	
Durum Wheat	8.3	2.5	1.2	8.8	0.3	0.3	12.0%	0.04	0.03	
Barley	61.4	0.3	14.2	48.1	36.3	36.3	10.0%	3.63	3.63	
Grain Maize	59.1	13.3	2.2	73.8	58.5	46.8	8.0%	4.68	3.75	
Rye	7.6	0.0	0.2	7.9	3.0	2.9	11.0%	0.33	0.32	
Sorghum	0.6	0.1	0.0	0.9	0.7	0.5	11.0%	0.08	0.05	
Oats	7.5	0.0	0.2	6.9	5.2	5.2	11.0%	0.57	0.57	
Triticale	12.6	0.0	0.0	12.3	11.0	11.0	11.0%	1.21	1.21	
Other cereals	3.2	0.2	0.0	3.8	3.6	3.0	11.0%	0.40	0.34	
<i>OILSEEDS (feed use without crushing)</i>	<b>32.0</b>	<b>18.6</b>	<b>0.9</b>	<b>49.8</b>	<b>1.2</b>	<b>1.2</b>		<b>0.34</b>	<b>0.34</b>	<b>100%</b>
(columns (E) and (F))										
Soyabeans	2.3	14.6	0.1	16.8	0.8	0.8	33.0%	0.26	0.26	

**EU Protein Balance Sheet**

**Explanatory note**

- Objective

The EU Protein Balance Sheet (PBS) aims to provide a comprehensive overview of the supply and demand situation for protein used for food purposes in the EU.

## Scope

**Supply: exhaustive list of (44) feed protein sources**, sub-divided into **three main categories**:

1. Crops (cereals, oilseeds, pulses): 15 entries
2. Co-products (protein-rich materials eg meals): 25 entries
3. Others (non-plant proteins): 4 entries

**Demand: focus on feed uses of proteins**,  
incl. for each protein source, volume of EU production,  
trade, total use, feed use then conversion into **crude  
protein volume and % feed use of EU origin**

## Explanatory note

**Some limitations** related to data availability on

- Fodder sources
- On-farm feed uses
- Stocks

Still **some data gaps** (see "n.a.")

**No "grand total"** (limited protein inter-changeability)

**Data sources:** not only EU Commission but also stakeholders (eg protein content)

# First Results

## 1. Crops Feed Use:

- 18.23 million tonnes of crude protein
- **92% EU origin**

## 2. Co-products Feed Use:

- 25.87 million tonnes of crude protein
- **38% EU origin**

## 3. Others Feed Use:

- 0.87 million tonnes of crude protein
- **90% EU origin**

## Next Steps

**10 April 2017:** publication of EU Protein Balance Sheet MY 2015/16

**Q2-2017:** publication of EU Protein Balance Sheets PRIOR to MY 2015/16

**Q3-2017:** publication of EU Protein Balance Sheet MY 2016/17

**Note:** stakeholders' comments always welcome at [agri-G4@ec.europa.eu](mailto:agri-G4@ec.europa.eu)





**Thank you for your attention!**

**Arable Crops and Protein Balance sheets  
available at:**

**[http://ec.europa.eu/agriculture/cereals/balance-sheets\\_en](http://ec.europa.eu/agriculture/cereals/balance-sheets_en)**