



Purchase of organic fresh poultry meat

Federal Procurement Agency, Austria

- Savings of 446 t CO₂e
- Support of organic farming, whose animal feed is neither consisting of, nor containing genetically modified organisms



© Fotolia

Benchmark

Fresh poultry meat from conventional farming

- 1,935 t CO₂e/year
- 674 toe/year

GPP 2020 Ausschreibung

10 % fresh poultry meat from organic farming

- 1,787 t CO₂e /year
- 623 toe/year

Results

- Savings
446 t CO₂/ 3 years contract
155 toe/ 3 years contract

Contract tendered

- Tender for fresh poultry meat (chicken and turkey) by the Federal Procurement Agency (FPA), Austria.
- The tender was published in September 2014; the contract was awarded in October 2014.
- Supply contract: contract over a period of 3 years – 2015-2017 (public bodies that use this contract order the fresh poultry meat via fax or email directly from the supplier or via FPAs E-Shop)
- Value: about 2.4 Million € (without VAT).

Procurement approach

2



An open procedure was chosen for the tender.

The tender consisted of seven regional lots.

The bidder (retailer or de-boning hall) had to be certified according to the International Featured Standard Food. Among others, the standard is supposed to improve the safety and quality of food. A company certified with this standard proves that the food it provides is produced in accordance with the existing legislation.

The product portfolio that the supplier offers has to include certain fresh poultry meat products also in certified organic quality. In organic farming, the animal feed neither consists of, nor contains genetically modified organisms.

Moreover, the supplier has to offer the product portfolio in the qualities “standard” and “Maize-chicken” (= chickens are fed with a minimum of 50 % maize).

Award criteria

Among others, the following award criteria were used:

- Total price
- Delivery time for organic poultry meat (classification of the delivery time)
- Discount for bulk orders

Contract clauses

Among others, there are the following contract clauses:

- Discount for bulk orders.
- Minimum order to reduce the amount of deliveries
- Pooling of deliveries so that there is a maximum amount of two deliveries per week
- All deliveries have to use solely returnable packaging

Criteria development

The environmental criteria used in this tender cover the following three aspects:

Increase of the share of organic content: The suppliers have to offer certain fresh poultry meat products also in organic quality. Moreover, the suppliers were asked to offer further fresh poultry meat products in organic quality.

Reduction of the delivery intervals and thus the delivery distances: The reduction of delivery distances is achieved with regional lots, discounts for bulk orders, the minimum order and the pooling of deliveries to a maximum of two deliveries per week.

Reduction of packaging waste: All deliveries have to use solely returnable packaging.

Besides, the tender required that only those poultry meat products from organic farming were allowed where chickens and turkeys were raised in animal-friendly conditions. That means that there is a sufficient amount of perches, that the beaks of the animals were not clipped and that the animals had sufficient space.



3

Results

The following table offers the savings of greenhouse gas emissions (t CO₂e) and energy, that are due to 10 % of organic fresh poultry meat products.

	CO ₂ e Emissions	Energy consumption
Low Carbon Solution	1,787 t CO ₂ e/year	623 toe/year
Benchmark	1,935 t CO ₂ e/year	674 toe/year
Annual savings	149 t CO ₂ e /year	52 toe/year
Total savings (3 years contract period)	446 t CO ₂ e	155 toe

Calculation basis

Benchmark: 100 % of the fresh poultry meat products come from conventional farming (75 % chicken and 25 % turkey).

Low-Carbon-Solution: 10 % of the poultry meat products (by value) come from organic farming. 90 % are from conventional farming. The reduction of the delivery distance (a maximum of two deliveries per week and minimum orders) is not included in the calculation because data is missing about the „old“ delivery distances and how they are going to change with the new provisions.

Emission factors:

Fresh poultry meat from conventional farming = 6 kg CO₂e/kg meat

Fresh poultry meat from organic farming = **3 kg CO₂e/kg meat** (Source: Information from Thomas Lindenthal, Forschungsinstitut für Biologischen Landbau (FiBL): 6-10 kg CO₂e are emitted during the production of conventional poultry meat; during the production of organic poultry meat, there are 50 % less emissions).

For the calculation of energy savings, we assumed that all CO₂e-emissions in the life cycle of dairy products derive from natural gas. This is a very simplistic assumption because the greenhouse gas emissions from farming are connected with other processes like for example the higher content of humus in the soil and thus a higher fixation of CO₂ that cannot be translated into energy consumption

Lessons learned

4



Compared to the last tender for fresh poultry meat (2011), the availability of fresh poultry meat from organic farming has increased. Still, suppliers of fresh poultry meat from organic farming need a longer handling time (3 days instead of 24 hours in conventional farming).

The topic “regional origin” is a very important topic for public buyers in Austria. This also becomes apparent in the case of fresh poultry meat. Nevertheless, this topic cannot be included in the tender because of the legislation.

Contact

Federal Procurement Agency (Bundesbeschaffung GmbH)

Jasmin Berghammer

jasmin.berghammer@bbg.gv.at

Tel.: +43 1 245 70-345

About GPP 2020



GPP 2020 aims to mainstream low-carbon procurement across Europe in support of the EU's goals to achieve a 20% reduction in greenhouse gas emissions, a 20% increase in the share of renewable energy and a 20% increase in energy efficiency by 2020.

To this end, GPP 2020 will implement more than 100 low-carbon tenders, which will directly result in substantial CO₂ savings. Moreover, GPP 2020 is running a capacity building programme that includes trainings and exchange. – www.gpp2020.eu

About PRIMES



Across six countries in Europe; Denmark, Sweden, Latvia, Croatia, France and Italy, PRIMES project seeks to help municipalities overcome barriers in GPP processes, many of which lack capacity and knowledge.

PRIMES aims to develop basic skills and provide hands-on support for public purchasing organisations in order to overcome barriers and implement Green Public Purchasing. This will consequently result in energy savings and CO₂ reductions. – www.primes-eu.net



The sole responsibility for the content of this publication lies with the authors. It does not necessarily reflect the opinion of the European Union. Neither the EACI nor the European Commission are responsible for any use that may be made of the information contained therein.

