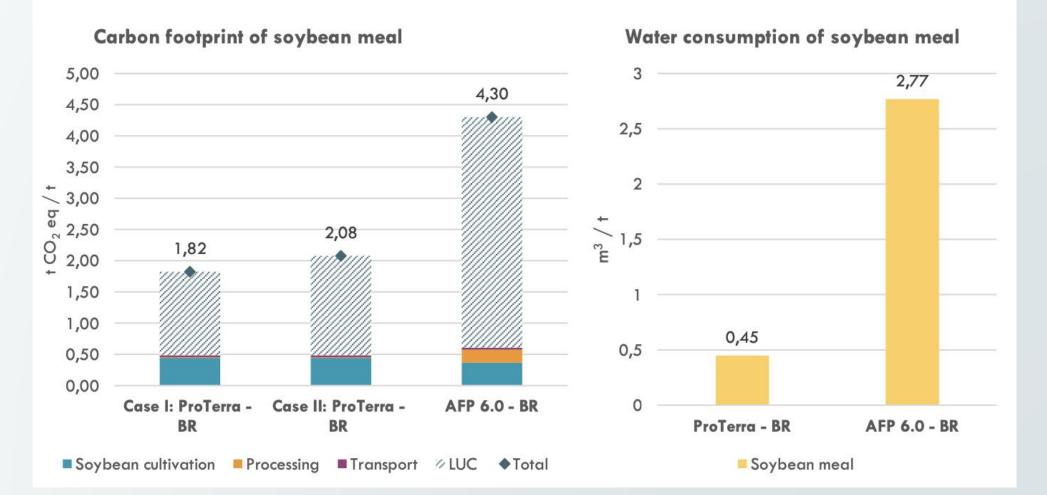
**Practical experiences** and reflections GMP + **Pro Terra and Donau** Soja

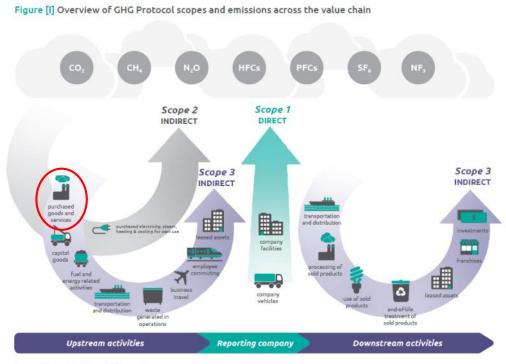
# Reflections GMP +

# B

#### The carbon footprint of soy production in practice (ProTerra)



- For most companies, scope 3 emissions are by far the largest share of their total CO2-footprint
  - e.g. up to 98% for retailers



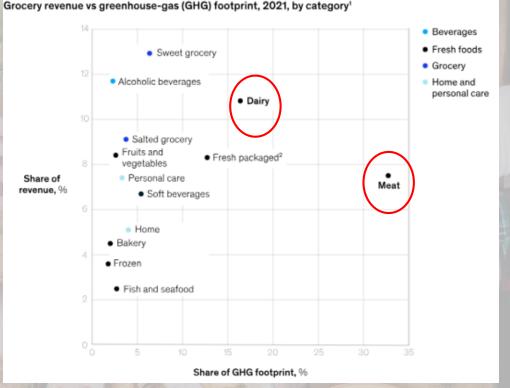
Source: Figure 1.1 of Scope 3 Standard.





© Donau Soja | March 2024

- For most companies, scope 3 emissions are by far the largest share of their total CO2-footprint
  - e.g. up to 98% for retailers
- In retail, dairy & meat products account for ~ 50% of all product-related scope 3 emissions

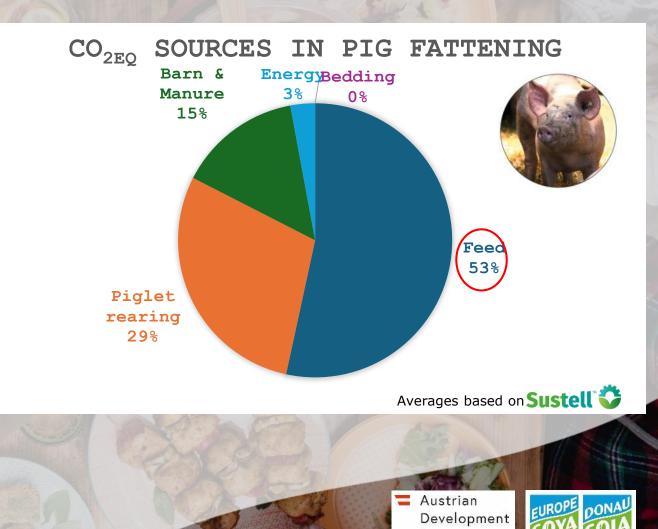


Austrian
Development
Agency



© Donau Soja | March 2024

- For most companies, scope 3 emissions are by far the largest share of their total CO2-footprint
  - e.g. up to 98% for retailers
- In retail, dairy & meat products account for ~ 50% of all product-related scope 3 emissions
- The carbon footprint of livestock products is largely determined by the feed, esp. soya because of LUC



Agency

SBTi & CSRD: No offset via Credits → Reduction must be in supply chains

- For most companies, scope 3 emissions are by far the largest share of their total CO2-footprint
  - e.g. up to 98% for retailers
- In retail, dairy & meat products account for ~ 50% of all product-related scope 3 emissions
- The carbon footprint of livestock products is largely determined by the feed, esp. soya because of LUC
  - → Animal products are key to reduce scope 3 emissions & therefore overall emissions





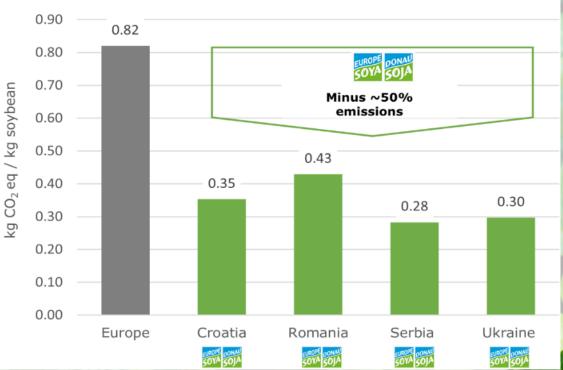


## **Donau Soja LCA for Soyabeans**

- EUDR compliance will hardly reduce CO<sub>2</sub>-footprint of products: late cut-off date & conversion
- Conversion-free verification or certification → proof that no LUC is linked to supply chains
- Donau Soja / Europe Soya:
  - $\sim$  90% CO<sub>2</sub>-emissions reduction compared to uncertified Brazilian soybeans
  - $\sim$  50% CO<sub>2</sub>-emissions reduction compared to uncertified European soybeans
- Product-Environmental-Footprint (PEF) method; based on primary data
- Available as "branded datasets" in databases:











**Available** 

in SBTi

FLAG

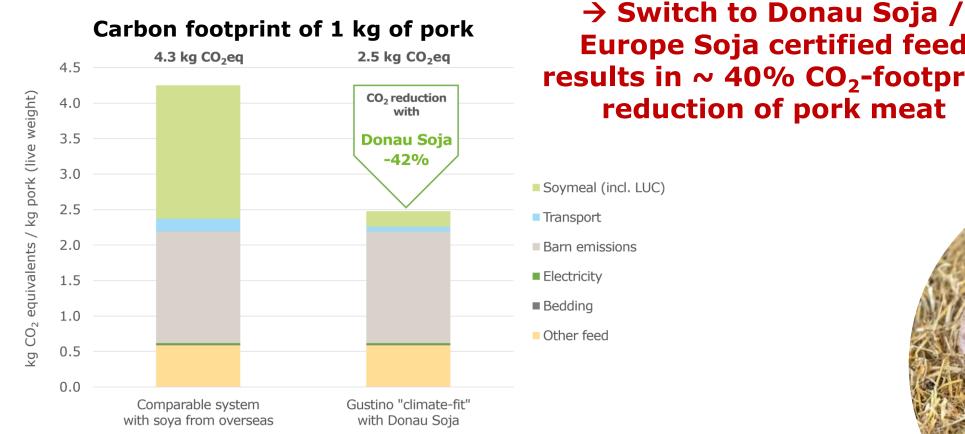
Format

Carbon footprint per kg soybeans



#### **Impact on Animal Product Level** LCA for Austrian Pork

Strohschwein



**Europe Soja certified feed** results in ~ 40% CO<sub>2</sub>-footprint reduction of pork meat





Figure: Comparison of feed ration with Donau Soja versus soya mix according to market standard (50:50 USA and Brazil).

© Donau Soja | Februar 2024 Source: FiBL 2021



#### LCAs



- Austrian egg sector, BOKU (2019)
- Bavarian egg producer, FiBL (2021)
- Thuringian egg producer, FiBL (2021)



- Austrian pork sector, SERI (2011)
- Hofglück EDEKA, FiBL (2020)
- Gustino Strohschwein, FIBL (2021)
- *BESH,* FIBL (2021)

**Impact on Animal Product Level** 



- Soybean meal, ATK (FiBL 2023)
- Soy protein concentrate (SPC) diverse (not published)

#### On average ~30-40% CO<sub>2</sub>-reduction in livestock products with Donau Soja / Europe Soya feed





## Donau Soja

#### **Contacts:**

#### We are here for you!



#### Christoph Müller Director Advocacy & Sustainability Mail: mueller@donausoja.org



#### **Susanne Fromwald**

General Secretary Mail: fromwald@donausoja.org

> Austrian Development Agency

