

SESSION I: SETTING THE SCENE

*Creating benefits and synergies with sustainability standards:
non-GMO and traceable deforestation-free schemes go hand-in-hand*



Susanne Fromwald
Donau Soja

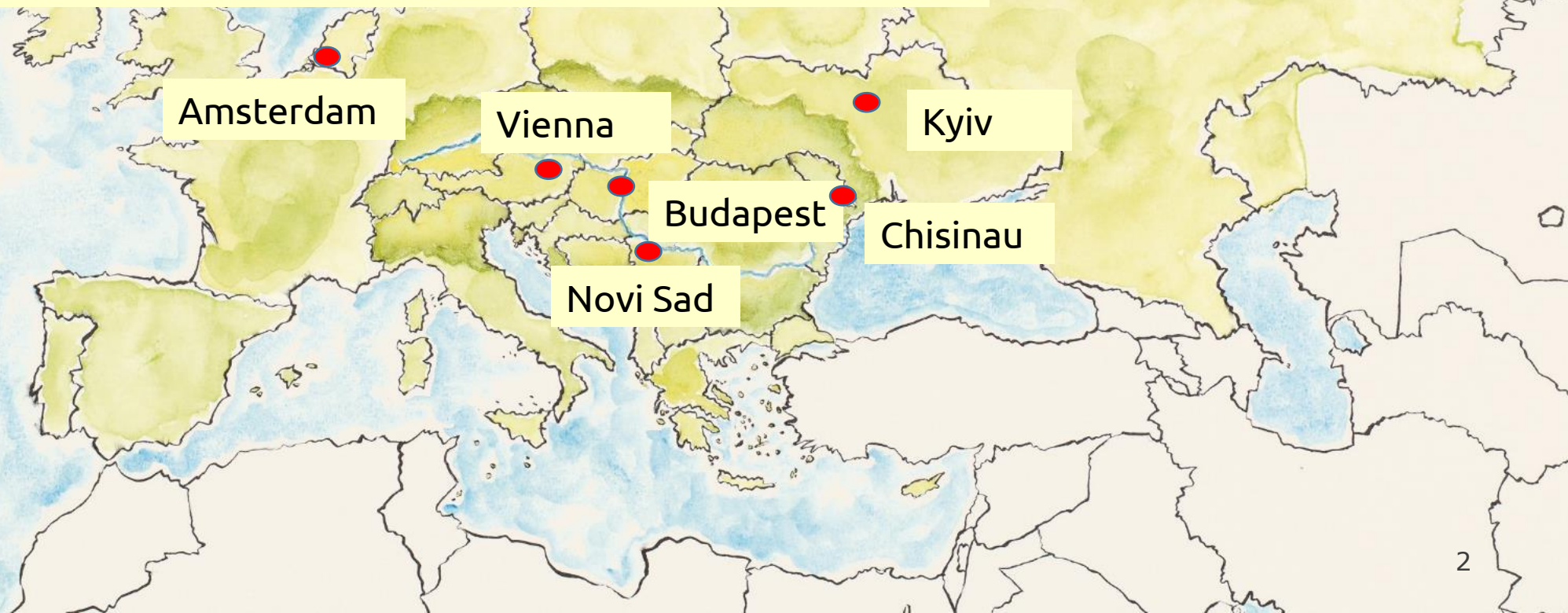


Emese van Maanen
ProTerra Foundation



International non-GMO Summit 2023

09/10.05.2023, Frankfurt



**Increased
PLANT BASED
DIETS**

**Sustainable
IMPORTS**



**Increased
DIVERSITY**

**Increased
PRODUCTION**

**Improved
EFFICIENCY**

Five pillars of a European Protein Strategy



International non-GMO Summit 2023
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Pillar 1 of the Protein Strategy

Sustainable and responsible imports

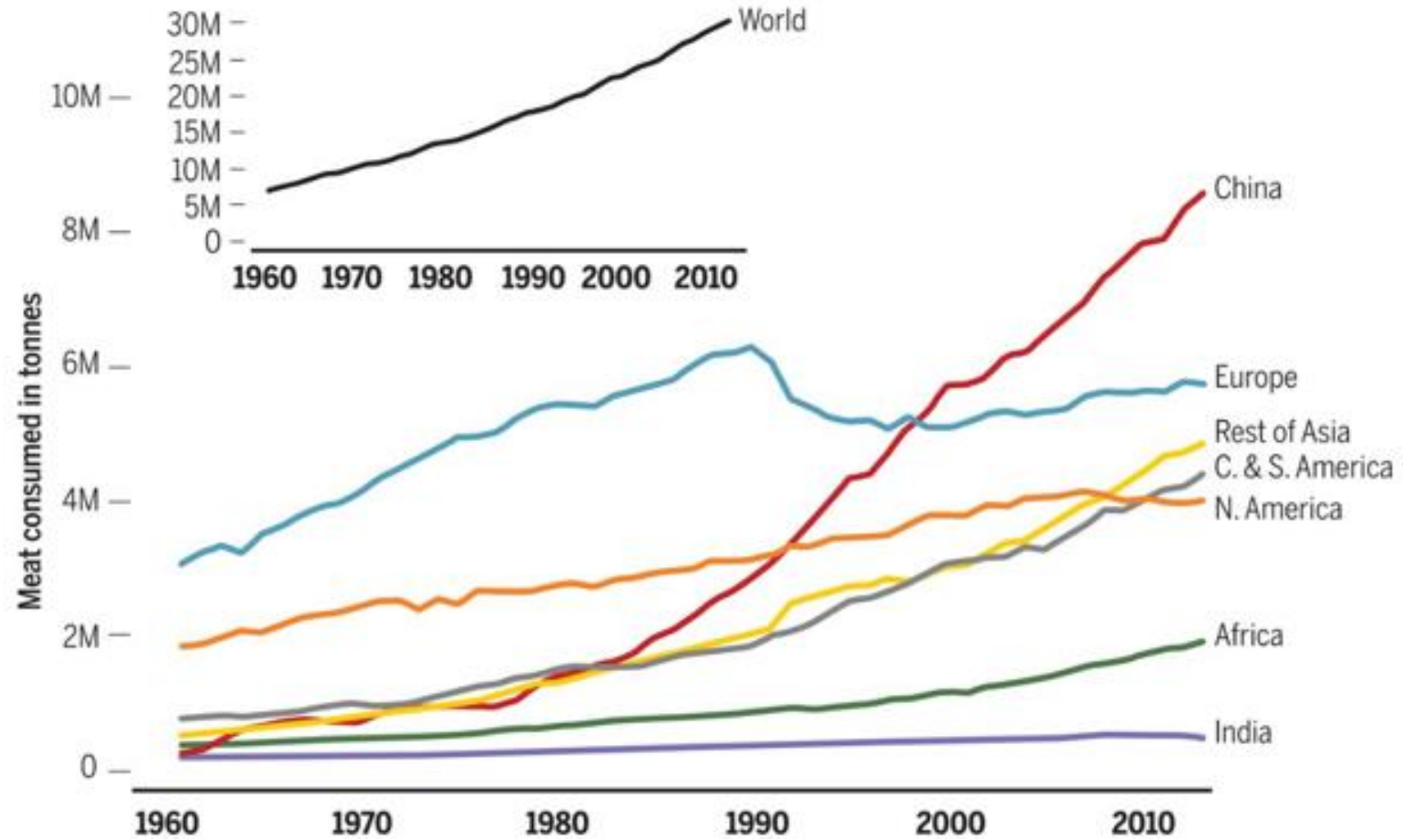


Pillar 1 of the Protein Strategy

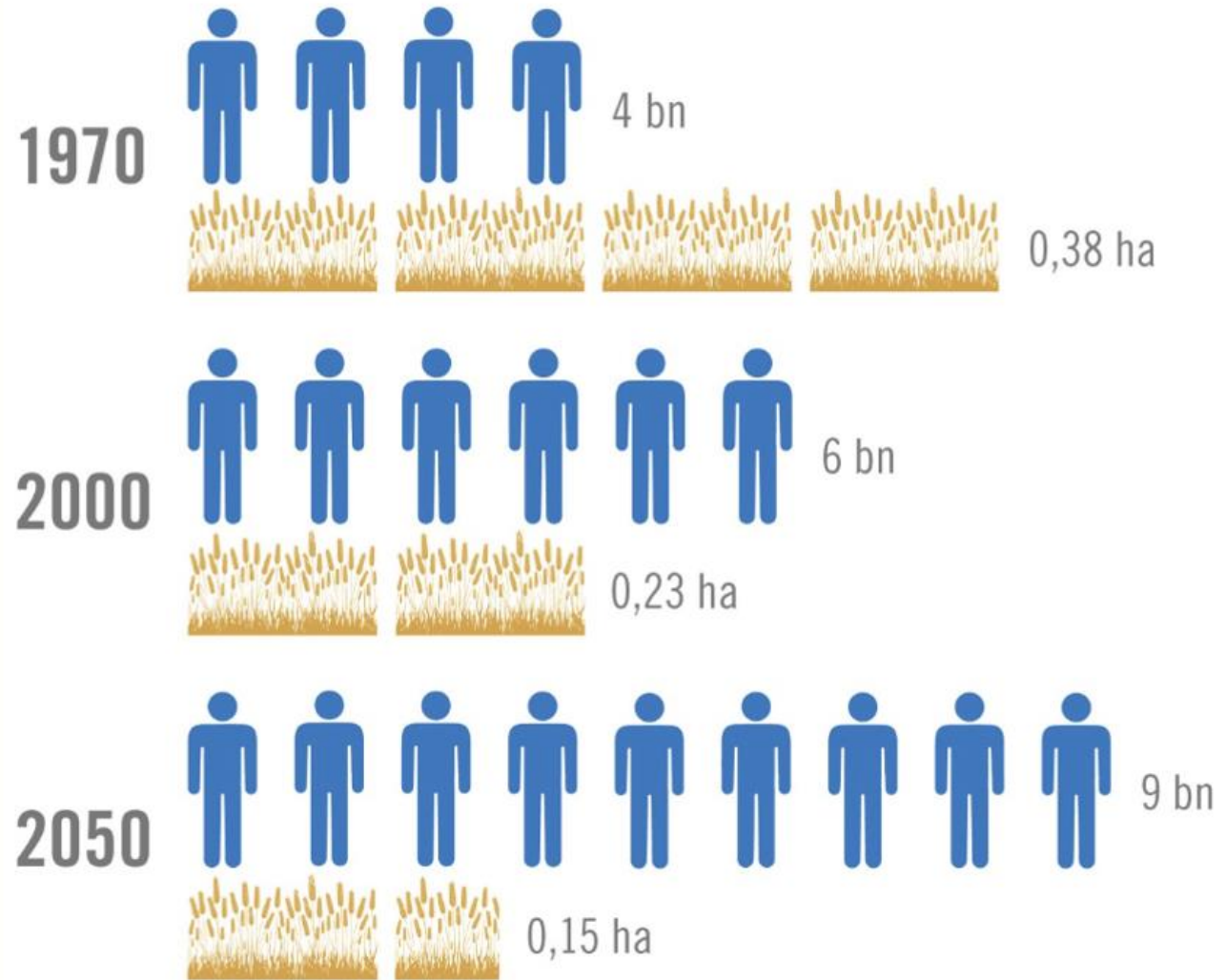


CERTIFIED SOY VOLUME	
TOTAL 2020	3.032.171,39
TOTAL 2021	1.881.240,20
TOTAL 2022	2.392.431,51

Global meat consumption



Globally
available arable
land per capita
dropping
dramatically

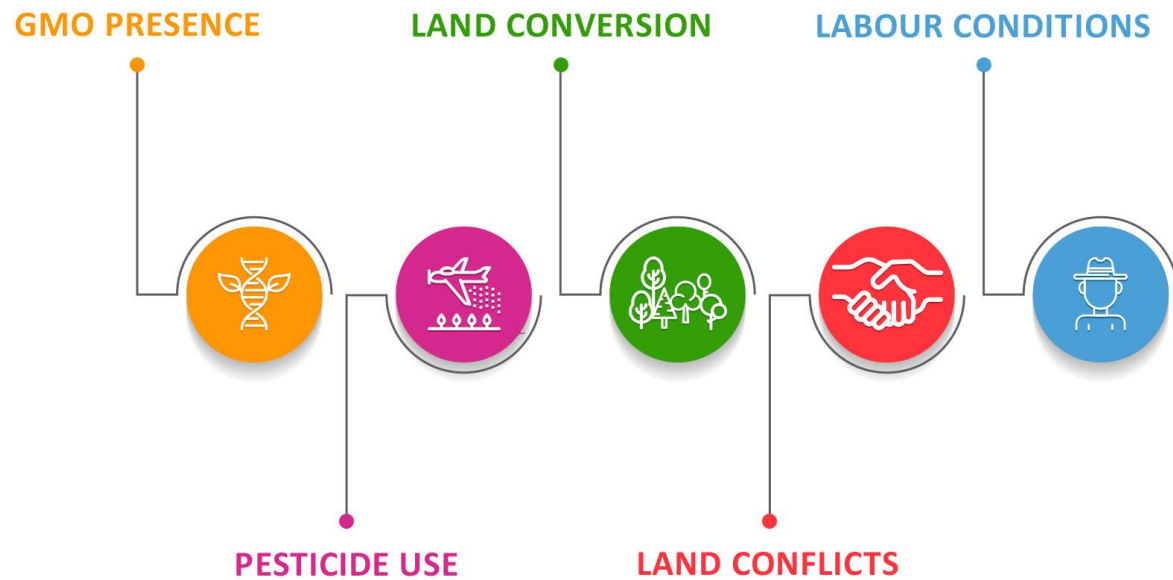


ProTerra & Donau Soja certification

- ProTerra & Donau Soja as Gold global standards to combine non-GMO and other sustainability issues
- Focusing on all the important challenges faced by companies in the food and feed supply chains, particularly those dependent on agricultural commodities. This enables real action to create social, environmental and economic benefits for everyone.



Use certification to manage and mitigate risks and guarantee compliance



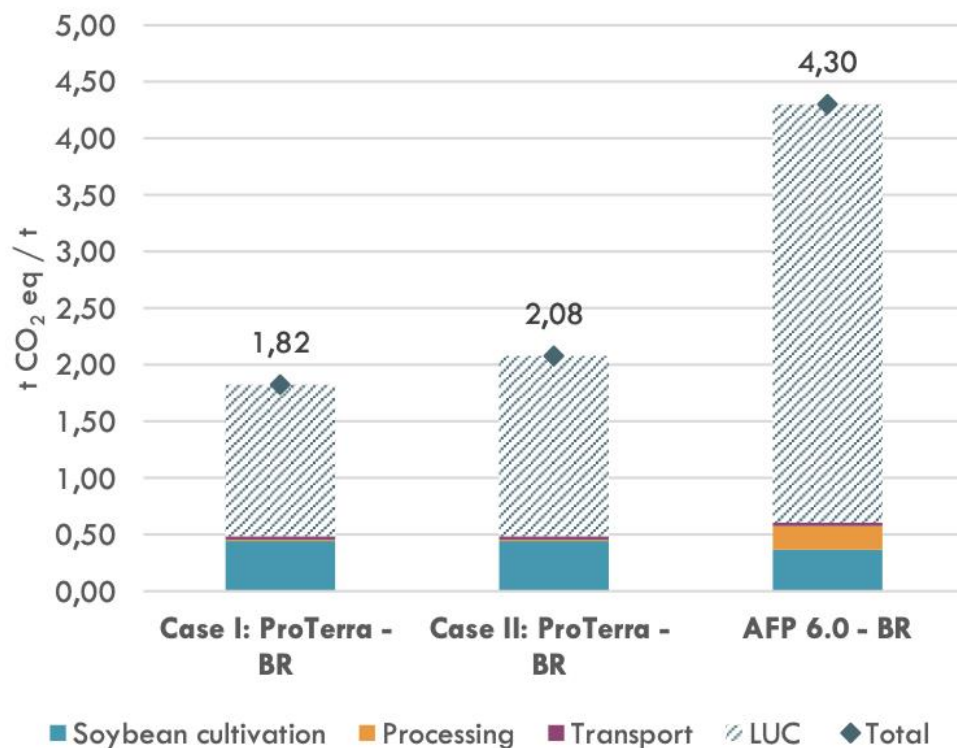
A tool to manage and mitigate environmental, social and ecologic risks. Certification means:

- A standard of environmentally and ethically responsible raw material within the supply chain which goes above the minimum requirements laid out by national legislation.
- Greater certainty for the business when making public claims, with traceability of materials back through the entire value chain which has been verified by external auditors.
- Contributory evidence to demonstrate due diligence has been undertaken within their own supply chain to meet emerging due diligence requirements.
- Increased knowledge of the origins of the raw materials within their direct supply chain, and therefore which are the regions they have the biggest impact and scope for influence.
- A clear reference for what is expected from suppliers, defining what they see as sustainable sourcing.

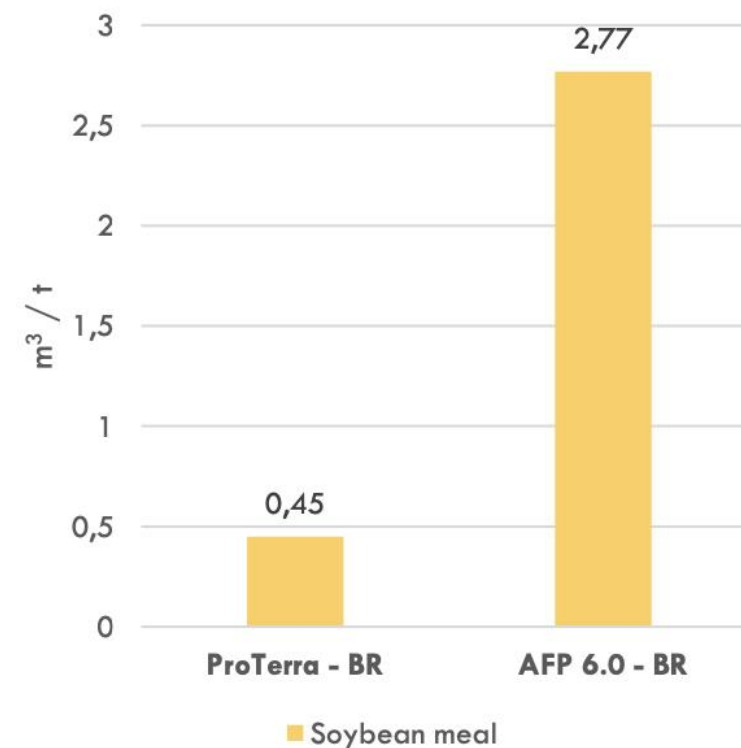
Reduced CO2 emissions with ProTerra



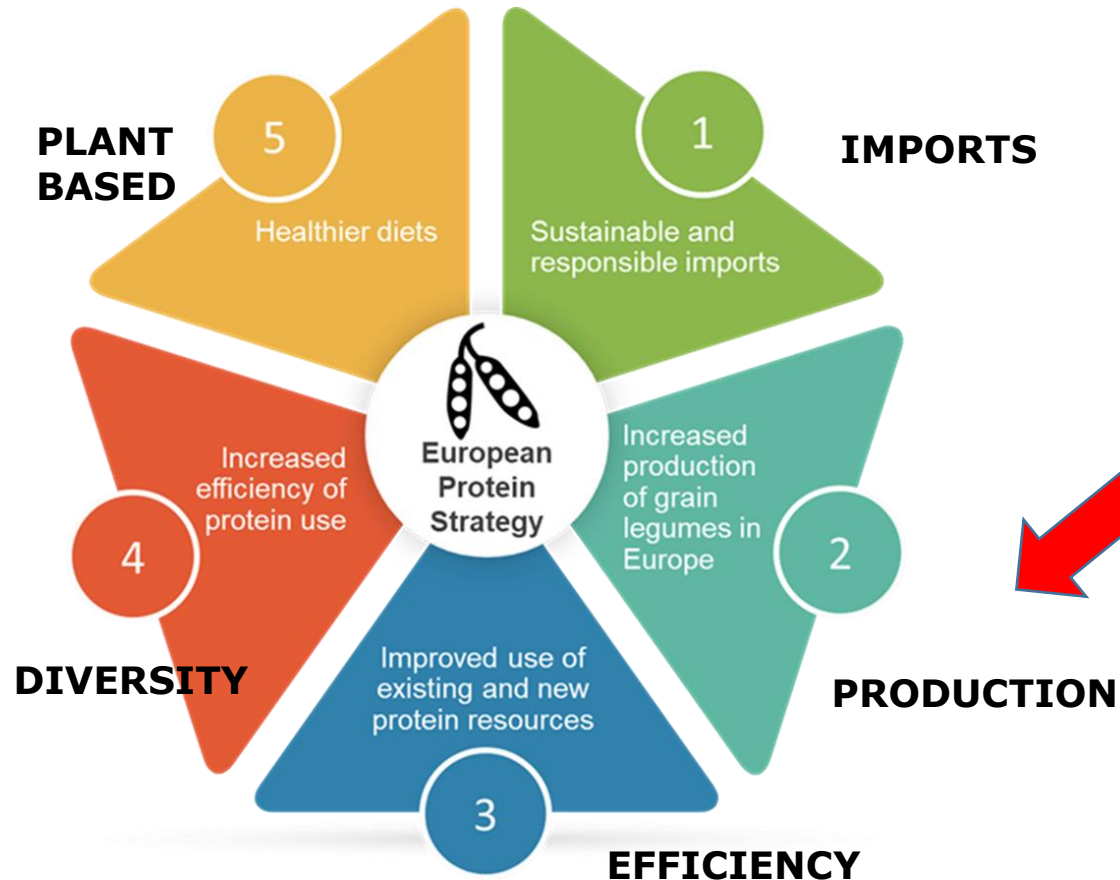
Carbon footprint of soybean meal



Water consumption of soybean meal



Protein Strategy leads to Protein Transition



Increased sustainable
soya and legumes production
in Europe for Europe

Today **10 mln tons** in Europe –
potential to increase to **15 mln tons**
(~50 % of European consumption)

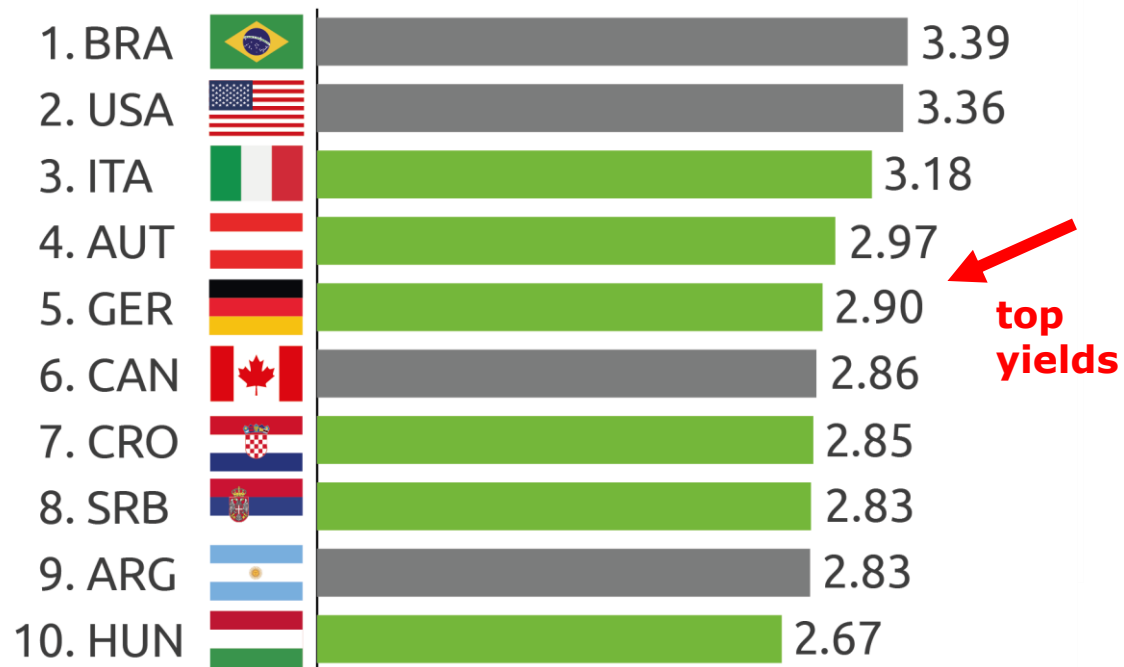
Donau Soja harvest 2022:
>1 mln tons of certified soya

Biggest potential outside EU/in Ukraine,
both in terms of volumes and sustainability

Soy grows well in Europe, but ...

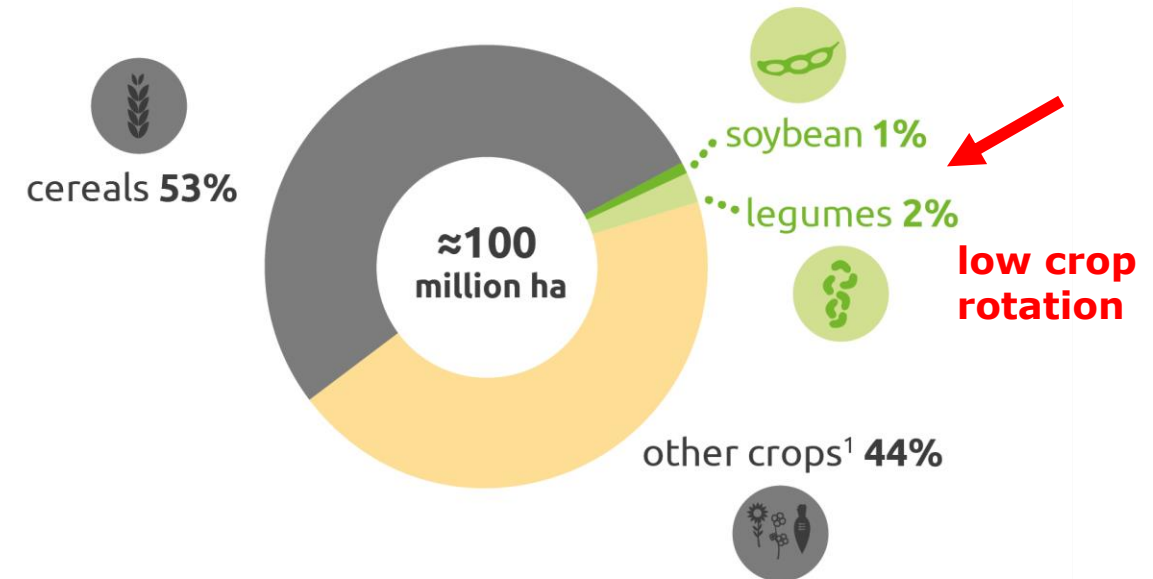
Top yields in Europe, but percentage in European **crop rotation** is **low** plus **yield gap** in CEE/UA
→ **knowledge transfer** for farmers important, e.g. in Protein Partnership Programm

Top 10 soya yields* (t/ha, avg 2017–21):



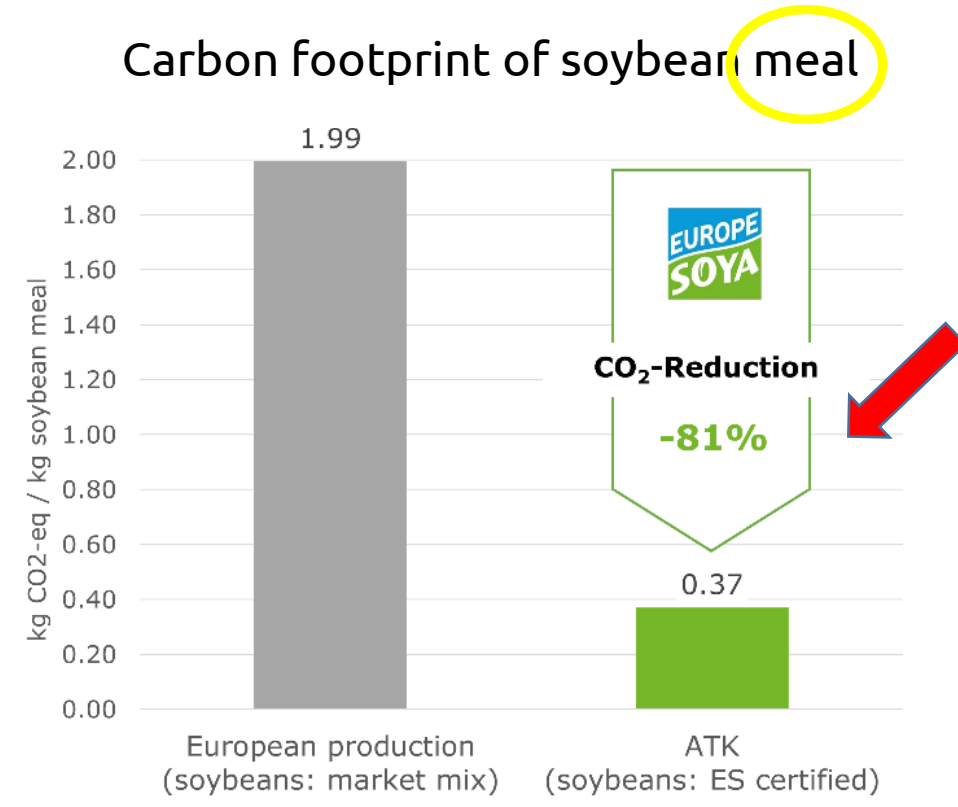
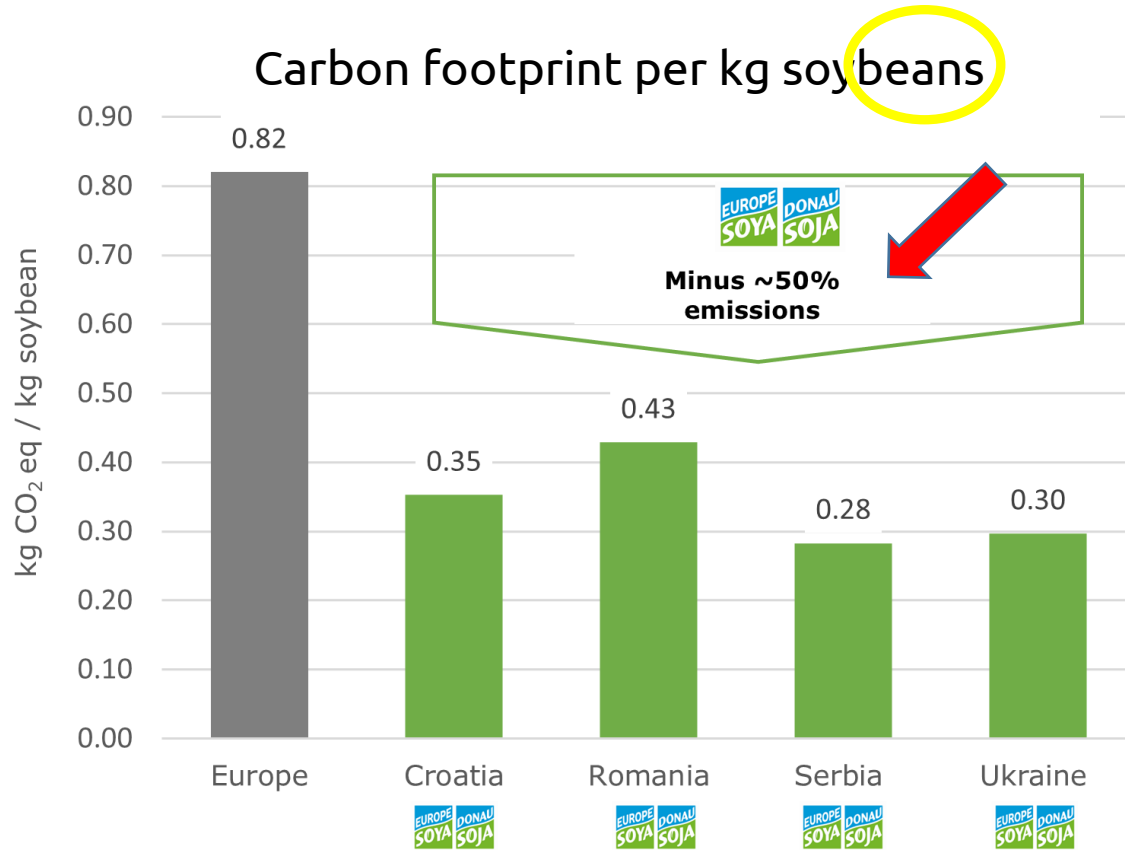
* the list includes countries with min. 50,000 ha soybean area in 2022.
Sources: USDA + Donau Soja

Cropping of arable land in the EU (2021):



¹ including set-aside and fallow land (area which has been left unplanted for a period of time).
Sources: Donau Soja on basis DG AGRI data

Reducing CO₂ emissions...



Donau Soja / Europe Soya certified soybeans account for **~0.3-0.4 kg CO₂-eq / kg soybeans**

Source: Agrifootprint 5.0.; Blonk Consultants, 2022 and FIBL Austria 2023



Collaboration of stakeholders



Tools available



Accelerate positive impact



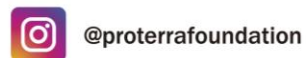
Building capacity

Thank you for your attention!

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CONNECT ON SOCIAL MEDIA



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