

# THE CLIMATE CRISIS

 Austrian  
Development  
Agency



**How Europe and Donau Soja/Europe Soya contribute to mitigation with sustainable soy cultivation in Europe**

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Huge impact by  
**AGRICULTURE  
& FORESTRY**



Within Agri sector  
**FEED/LIFESTOCK**  
has a major share  
of CO<sub>2</sub> emissions

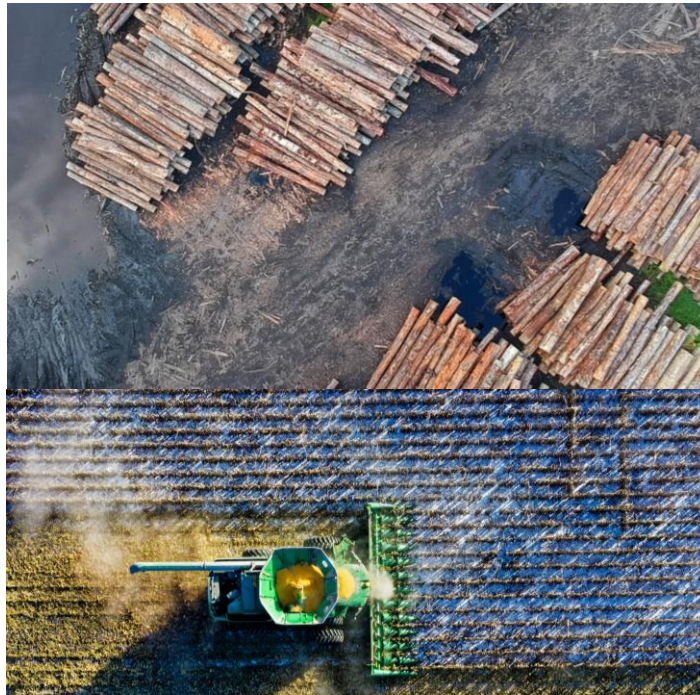


**DEFORESTATION**  
caused for **SOY**  
cultivation has  
major relevance





# SOME FIGURES ABOUT GHG EMISSIONS



## AGRICULTURE & FORESTRY

account for **23%** of global human CO<sub>2</sub> emissions  
(IPCC, 2021)



## FEED

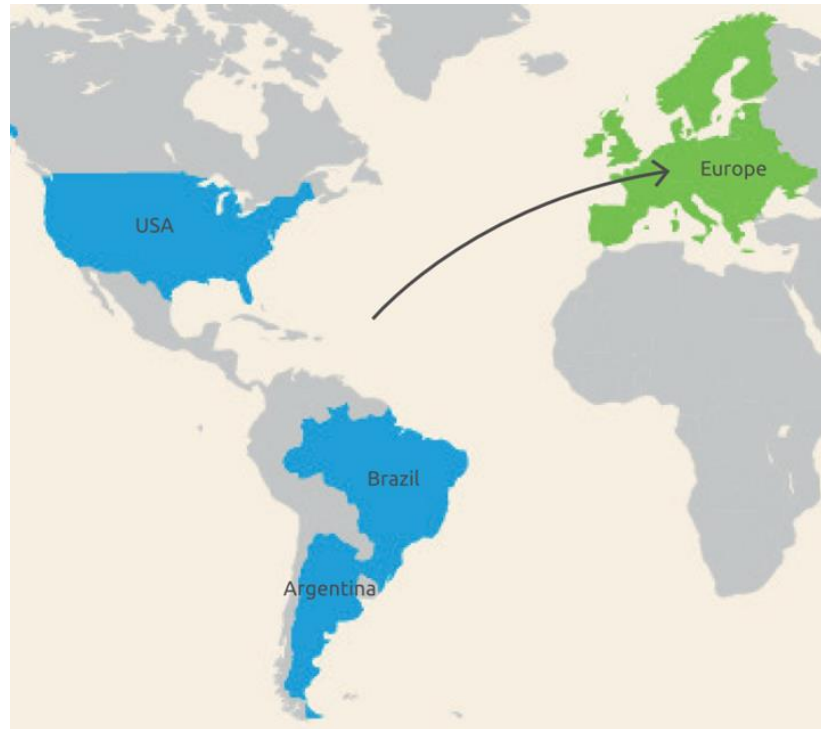
Cause about **60%** of the greenhouse gas emissions from agriculture  
(IPCC, 2014)



## SOYA

is accountable for **31%** of **deforestation** from agricultural products **imported into the EU**  
(WWF, 2021)

# EU27: SOYA IMPORTS AND DEFORESTATION



~ **34 Mio tons** Soya bean equivalents  
annually **imported** to the EU27

~ **44 %** Imports **from Brazil\***

~ 24 % Imports from Argentina

~ 16 % Imports from USA

According to European Soy Monitor 2020:

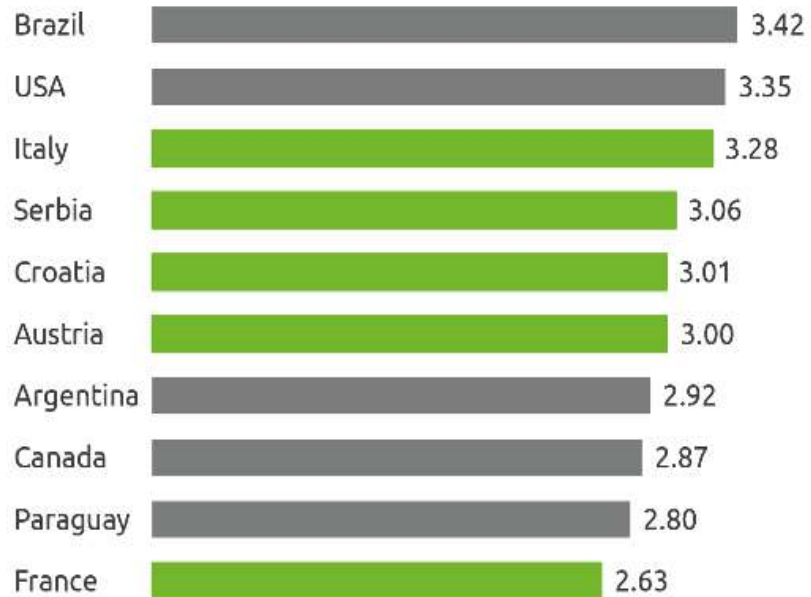
~**26 % of imports are certified  
deforestation free** (including credits)

\*Figures based on COMTRADE data and converted into soya  
bean equivalents. Figures are an average for 2017-2021.



# BIG POTENTIAL FOR SUSTAINABLE SOY CULTIVATION IN EUROPE

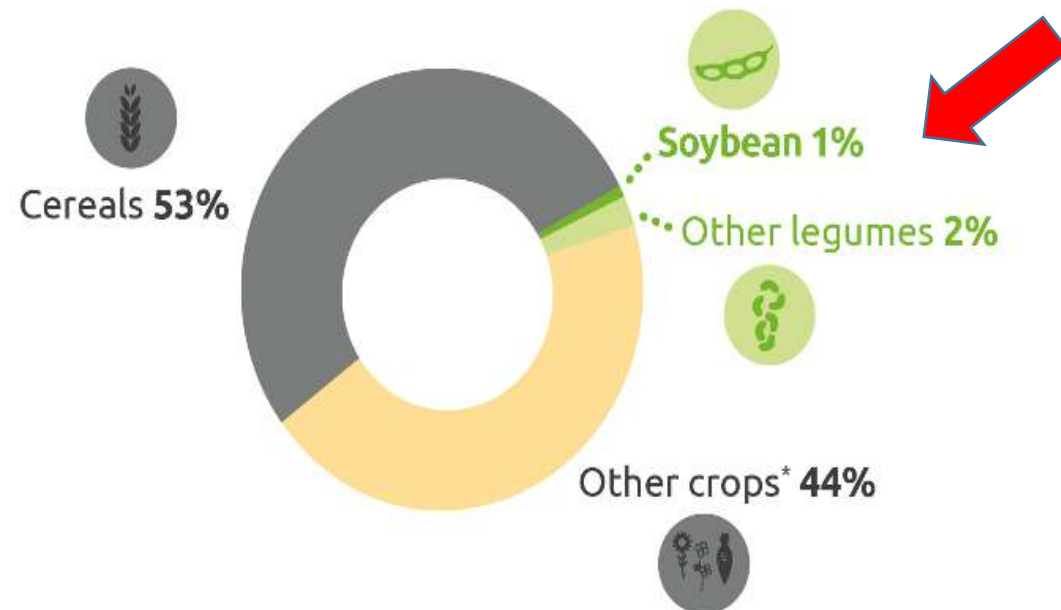
Soya yields - global top 10 list\* (t/ha, 2016-2020 avg.):



\* the list includes countries with min. 50,000 ha soya area in 2020.  
Sources: USDA + Donau Soja

**Yields in Europe are high!**

Cropping of arable land in the EU (2018):

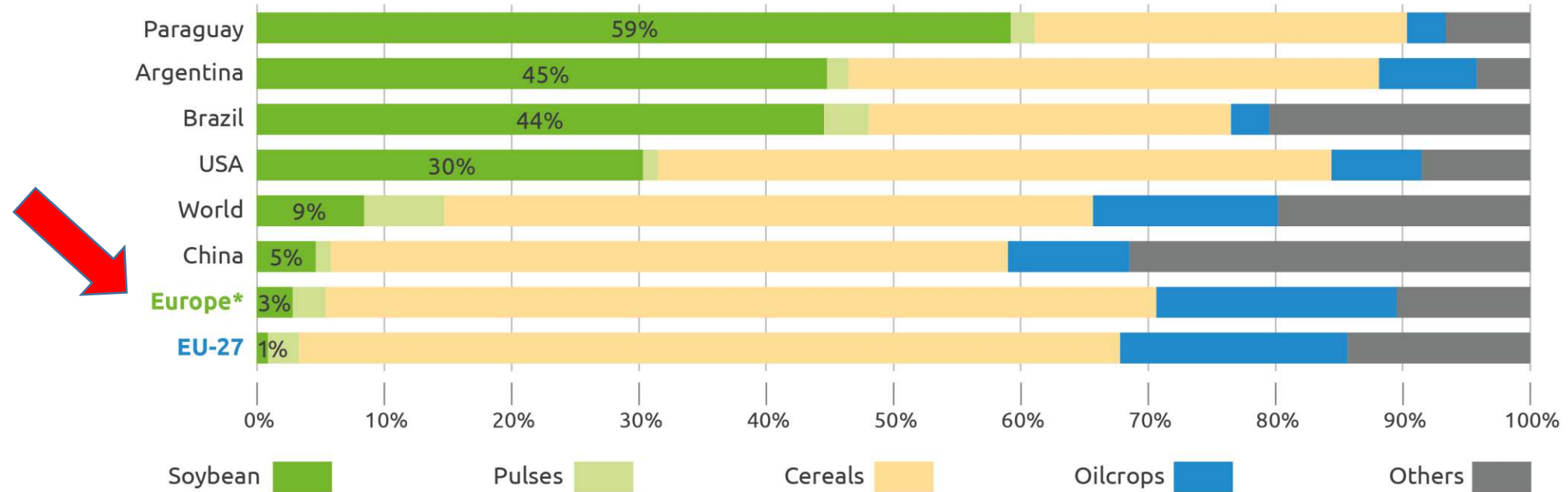


\* including fallow land  
Sources: Donau Soja + FAO

**Percentage in crop rotation very low**

# SOYA SHARE IN GLOBAL CROP ROTATIONS

Harvested area of annual crops in 2019

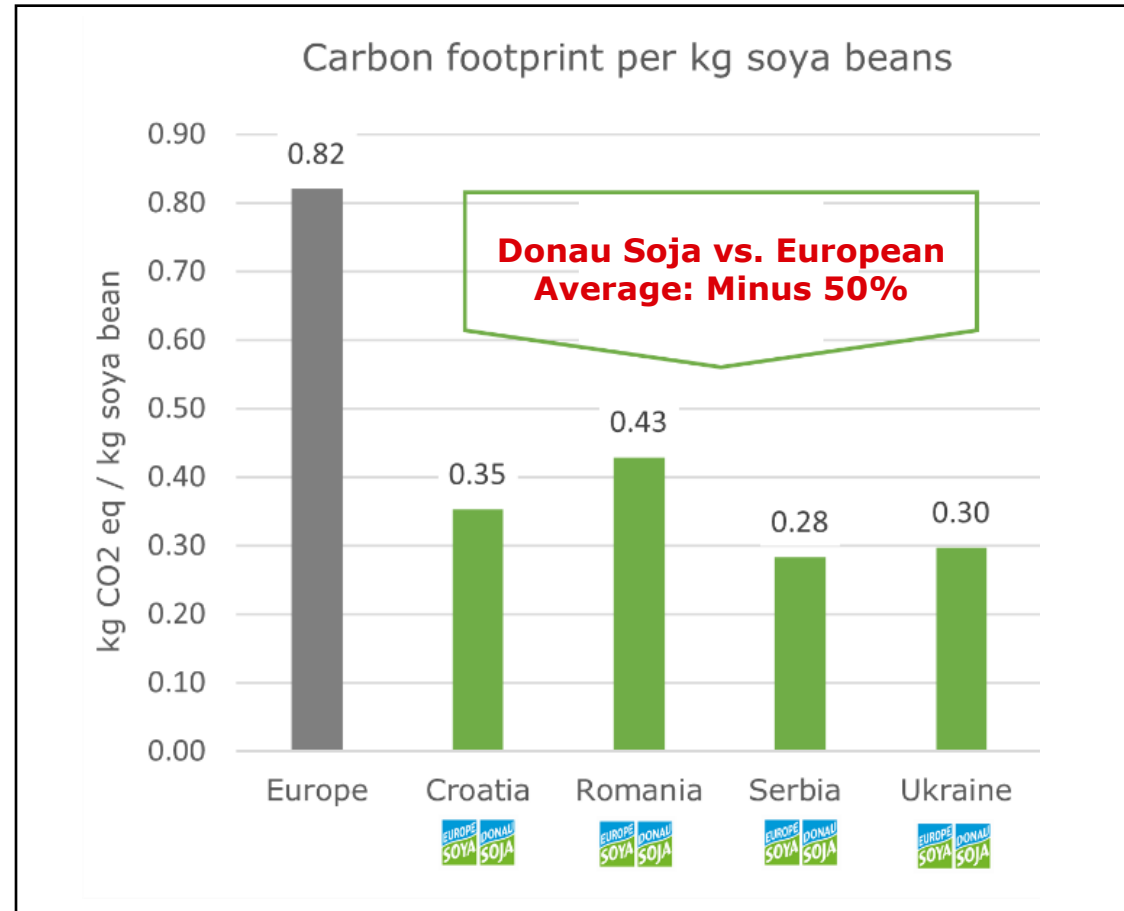
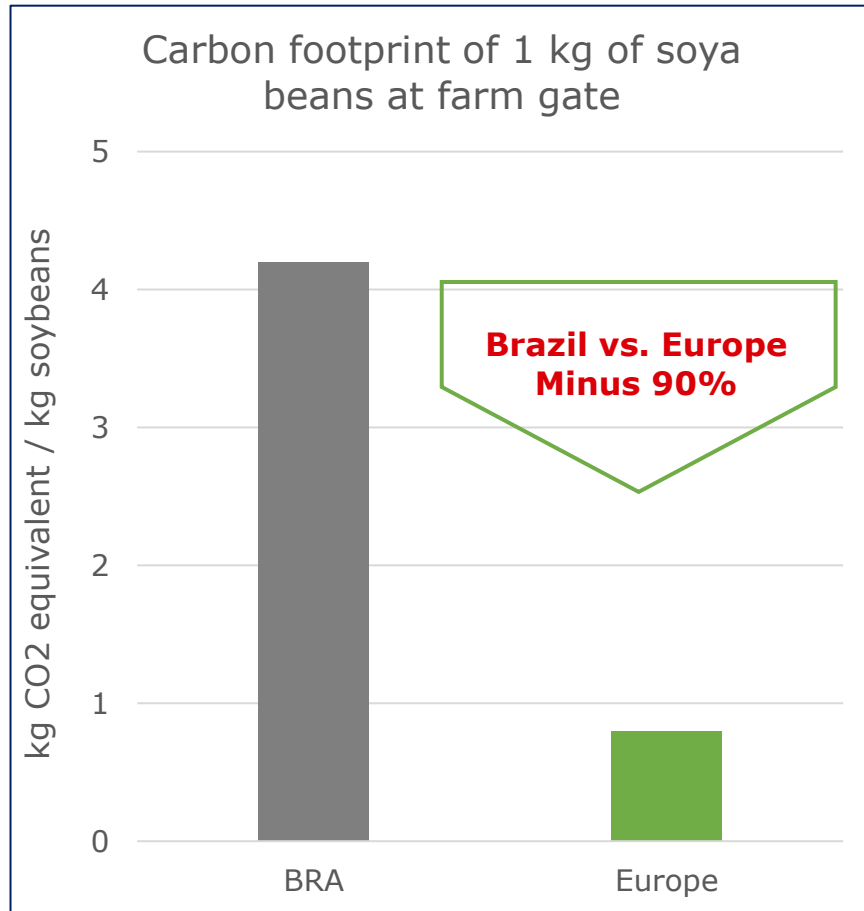


**Pulses:** bambara beans, beans dry, broad beans, horse beans dry, chick peas, cow peas dry, pigeons peas, vetches; **Cereals:** barley, buckwheat, canary seed, fonio, maize, millet, oats, quinoa, rice, rye, sorghum, triticale, wheat; **Oilcrops:** castor oil seed, coconuts, groundnuts with shell, hempseed, jojoba seed, kapok fruit, karite nuts (sheanuts), linseed, melonseed, mustard seed, oil palm fruit, olives, poppy seed, rapeseed, safflower seed, seed cotton, sesame seed, sunflowers seed, tung nuts

\* Europe includes the total part of Russia.

Source: FAOSTAT

# CARBON FOOTPRINT OF SOYBEANS





# CO<sub>2</sub> PRODUCT CALCULATIONS FOR EGGS



## AUSTRIAN EGG SECTOR

**Minus 36% CO<sub>2</sub> reduction  
with Donau Soja**

(BOKU 2019)



## THANNINGER FREIHEIT

**Minus 41% CO<sub>2</sub> reduction  
with Donau Soja**

(FiBL2020)



## TEICHWEIDEN

**Minus 49% CO<sub>2</sub> reduction  
with Donau Soja**

(FiBL2021)

# CO<sub>2</sub> PRODUCT CALCULATIONS FOR PORK



**EDEKA SÜDWEST FLEICH  
HOFGLÜCK PORK**  
**Minus 40% CO<sub>2</sub> reduction  
with Donau Soja**  
(2020)



**GUSTINO PORK**  
**Minus 42% CO<sub>2</sub> reduction  
with Donau Soja**  
(FiBL 2020)



**SWABIAN-HALL PORK**  
**Minus 31% CO<sub>2</sub> reduction  
with Donau Soja/Europe  
Soya**  
(2020)



# CONSUMER COMMUNICATION

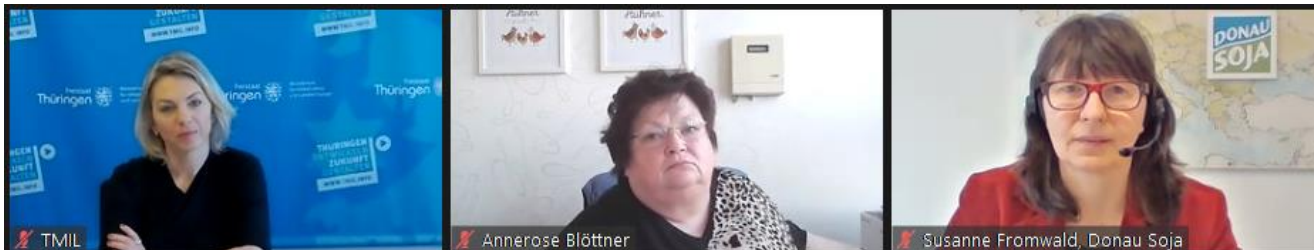
## PRESS CONCERANCE BAVARIA With Michaela Kaniber (Minister Bavaria)



**DONAU SOJA as  
climate saving  
alternative**

**~ 40 % reduced  
CO<sub>2</sub> emissions**

## TEICHWEIDEN - ONLINE PRESS CONFERENCE with Susanna Karawanskij (Minister Thuringia)



**LinkedIn**

 EDEKA Südwest  
2.611 Follower  
2 Wochen • Bearbeitet • 

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Mehr als 50 Landwirte sind Teil des Markenfleischprogramms Hofglück von EDEKA Südwest. Die Partnerschaft steht für mehr Tierwohl, regionale Wertschöpfung und den Verzicht auf gentechnisch veränderte Futtermittel in der Schweinemast. Der baden-württembergische Minister für Ländlichen Raum und Verbraucherschutz, Peter Hauk MdL, besuchte nun einen Landwirt des EDEKA Südwest-Programms Hofglück. #EDEKA #EDEKASüdwest #Nachhaltigkeit  
Zur Meldung: <https://edeka-sw.de/J7Fzs>



**EDEKA HOFGLÜCK - PRESS MESSAGE**  
with Peter Hauk (Minister Baden Wuerttemberg)

# 10 YEARS DONAU SOJA

Austrian  
Development  
Agency



~ 10% of European production  
is Donau Soja certified

Building sustainable  
value chains takes time...



**715,000 t**  
certified soya beans



**>10,000**  
soybean producers



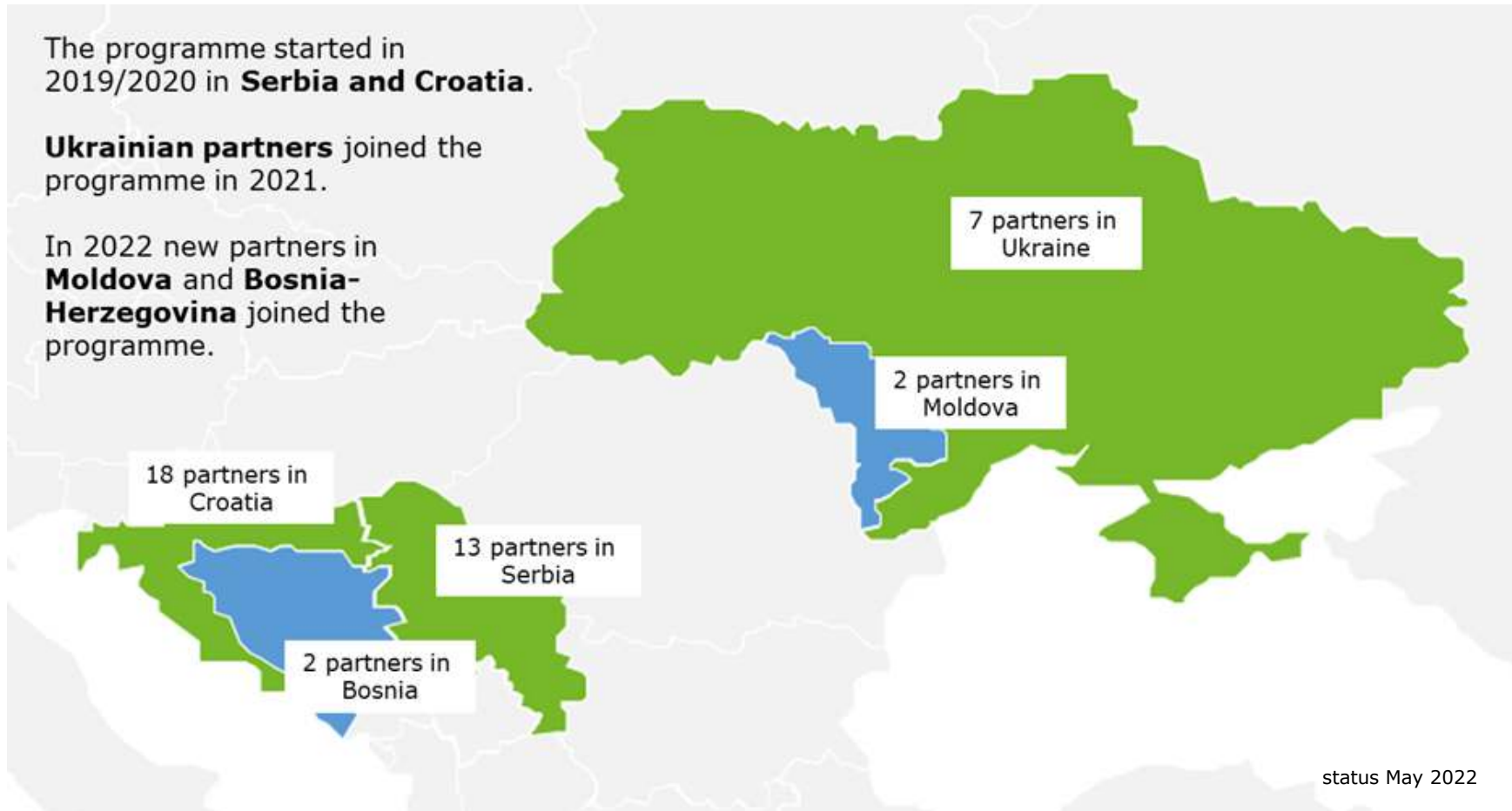
almost **900**  
certified partners





# PROTEIN PARTNERSHIP ESTABLISHED TO INCREASE SOYA VOLUME IN EUROPE FOR EUROPE

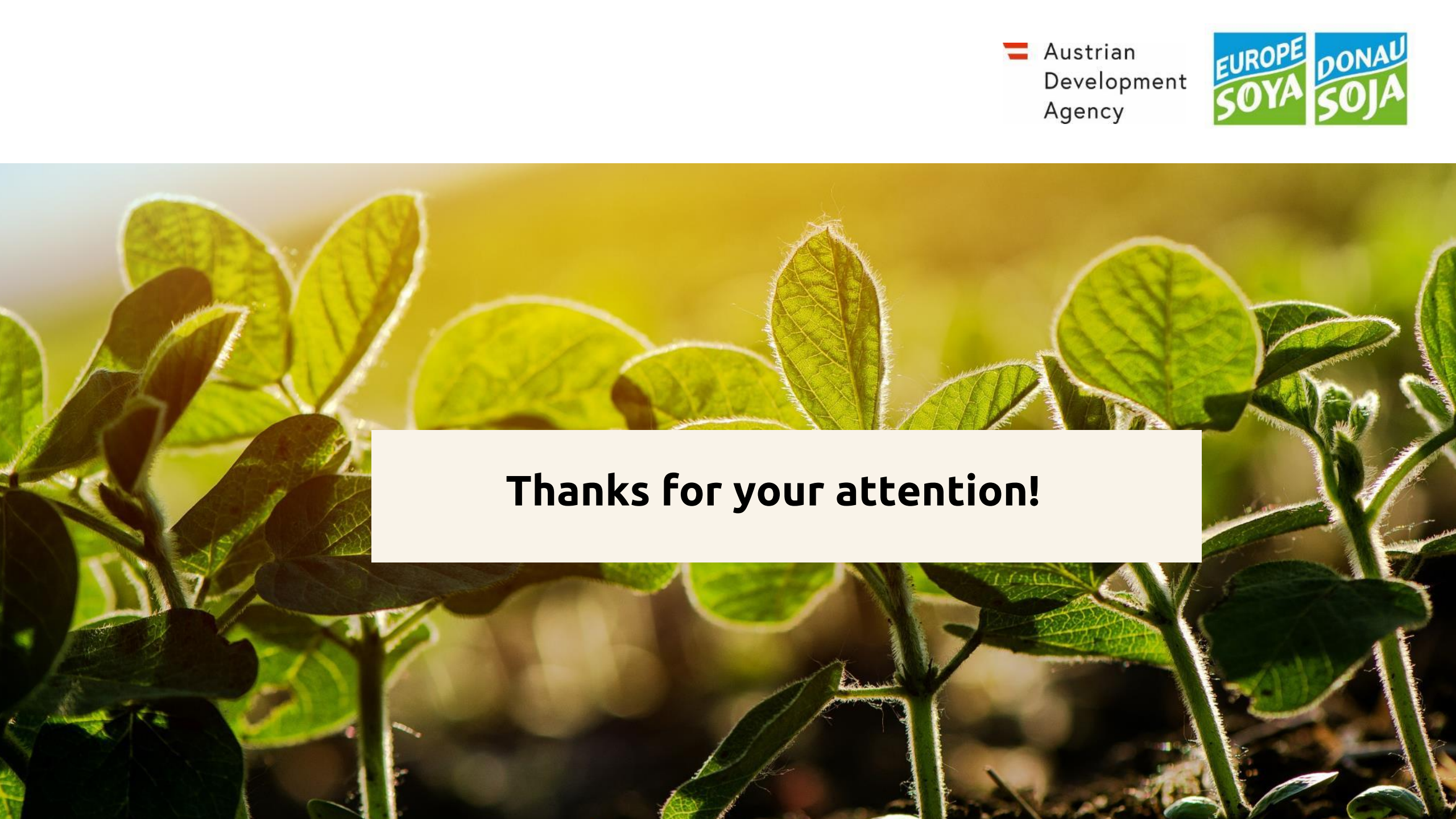
 Austrian Development Agency



## Protein Partners 2022:



The Protein Partnership programme is supported by the Austrian Development Agency.



**Thanks for your attention!**