

THE CLIMATE CRISIS



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

Susanne Fromwald, Senior Advisor Donau Soja

THE CLIMATE CRISIS

Austrian
Development
Agency



THE CLIMATE CRISIS

Huge impact by
**AGRICULTURE
& FORESTRY**



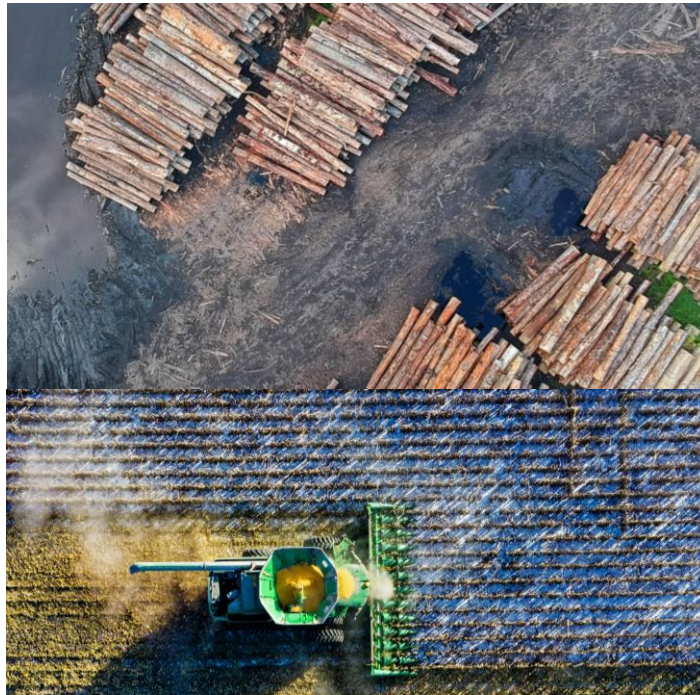
Within Agri sector
FEED/LIVESTOCK
has a major share
of CO₂ emissions



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



SOME FIGURES ABOUT GHG EMISSIONS



AGRICULTURE & FORESTRY

account for **23%** of global human CO₂ emissions
(IPCC, 2021)



FEED

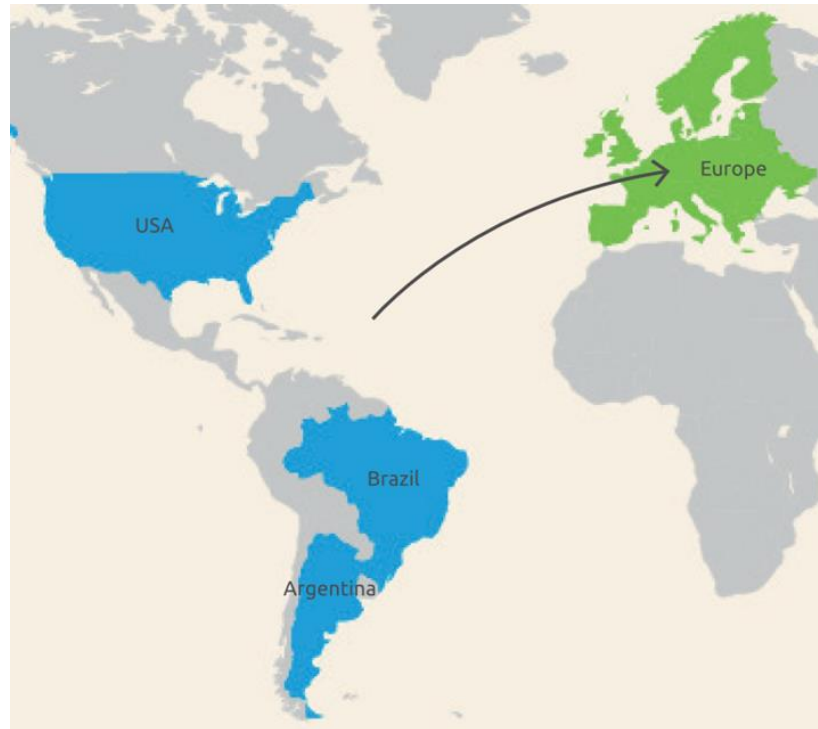
Cause about **60%** of the greenhouse gas emissions from agriculture
(IPPC, 2014)



SOYA

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

EU27: SOYA IMPORTS AND DEFORESTATION



~ **35.3 Mio tons** soya bean equivalents
annually **imported** to the EU27*

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

~ 24 % Imports from Argentina

~ 16 % Imports from USA

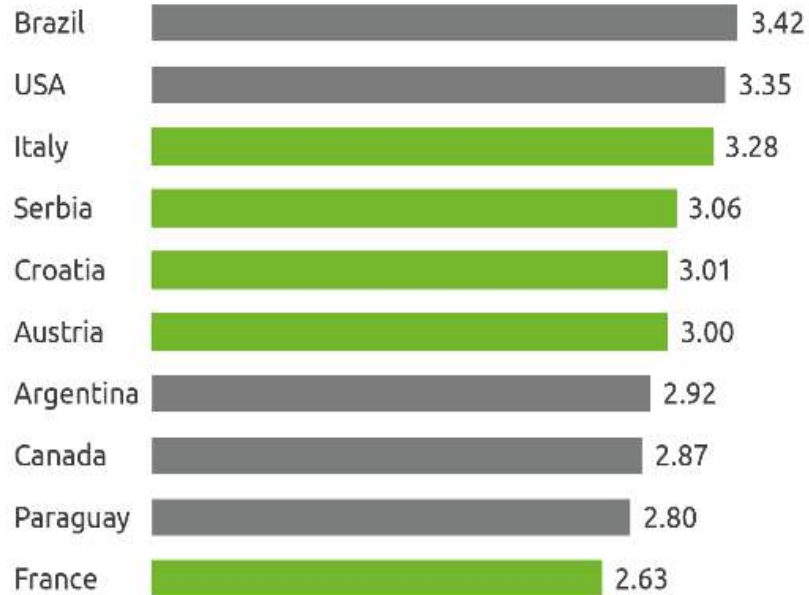
According to European Soy Monitor 2020:

~**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

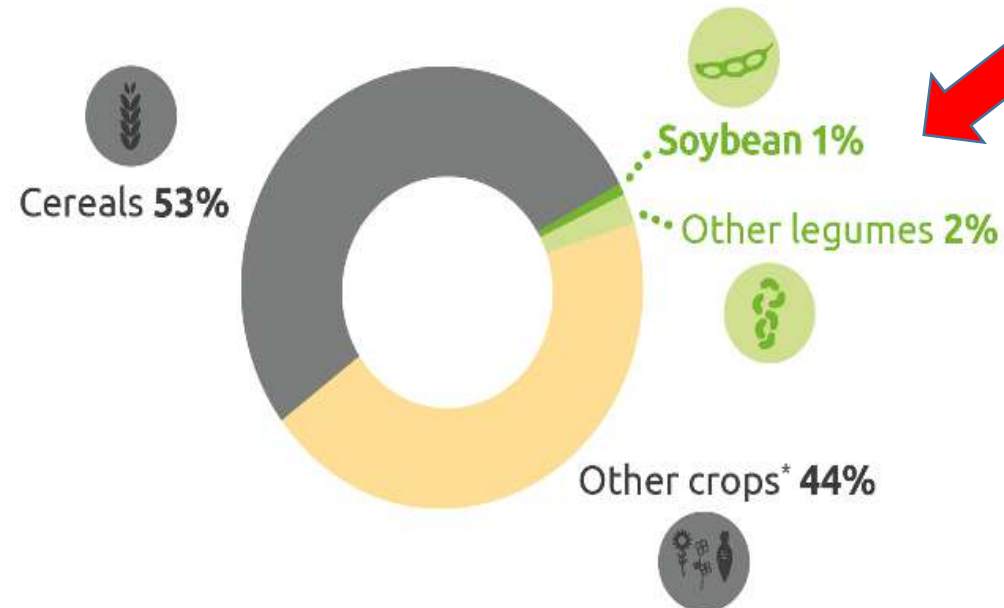
Soya yields - global top 10 list* (t/ha, 2016-2020 avg.):



* 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):

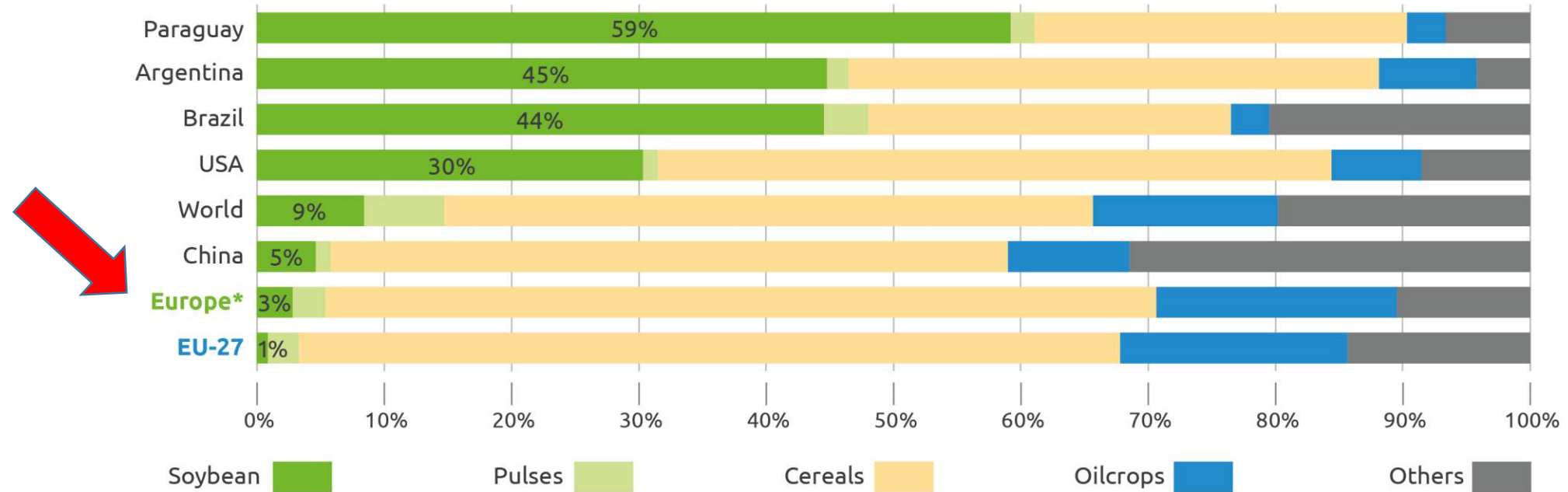


* including fallow land
Sources: Donau Soja + FAO

Percentage in crop rotation very low

SOYA SHARE IN GLOBAL CROP ROTATIONS

Harvested area of annual crops in 2019

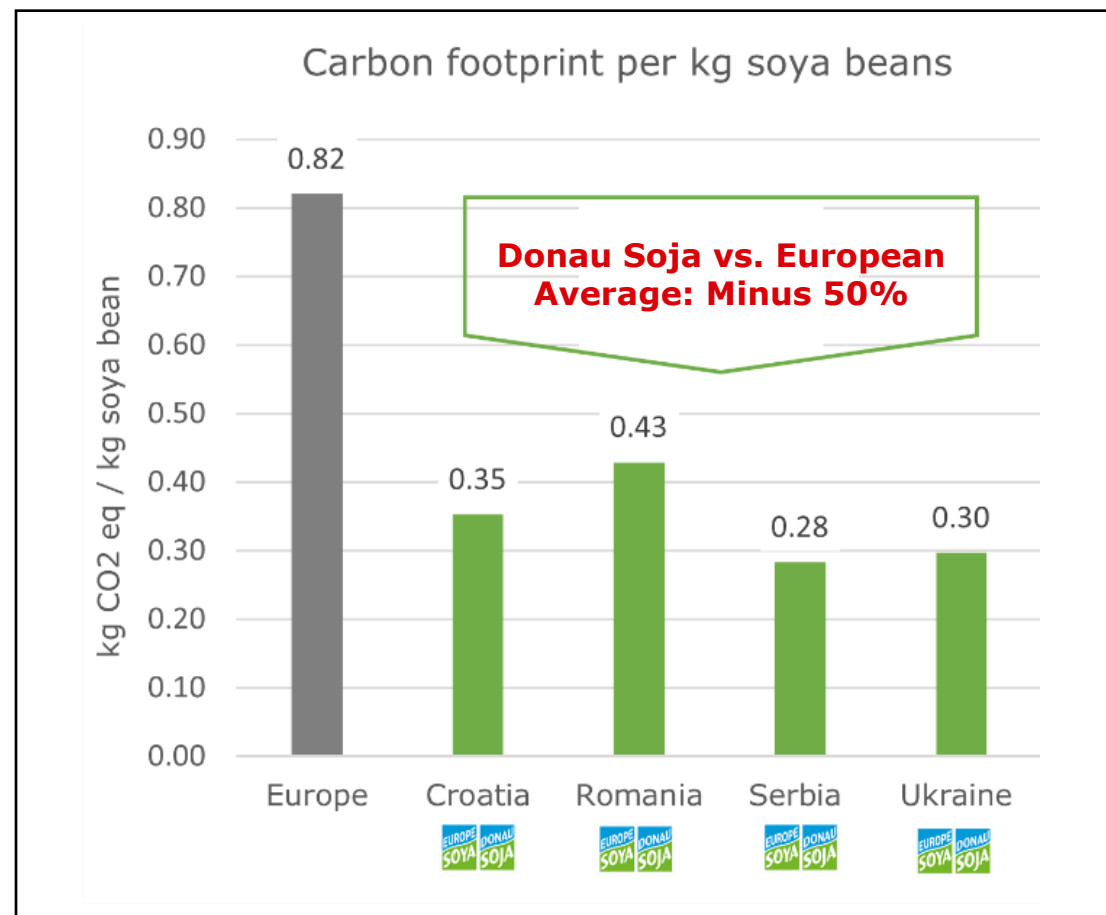
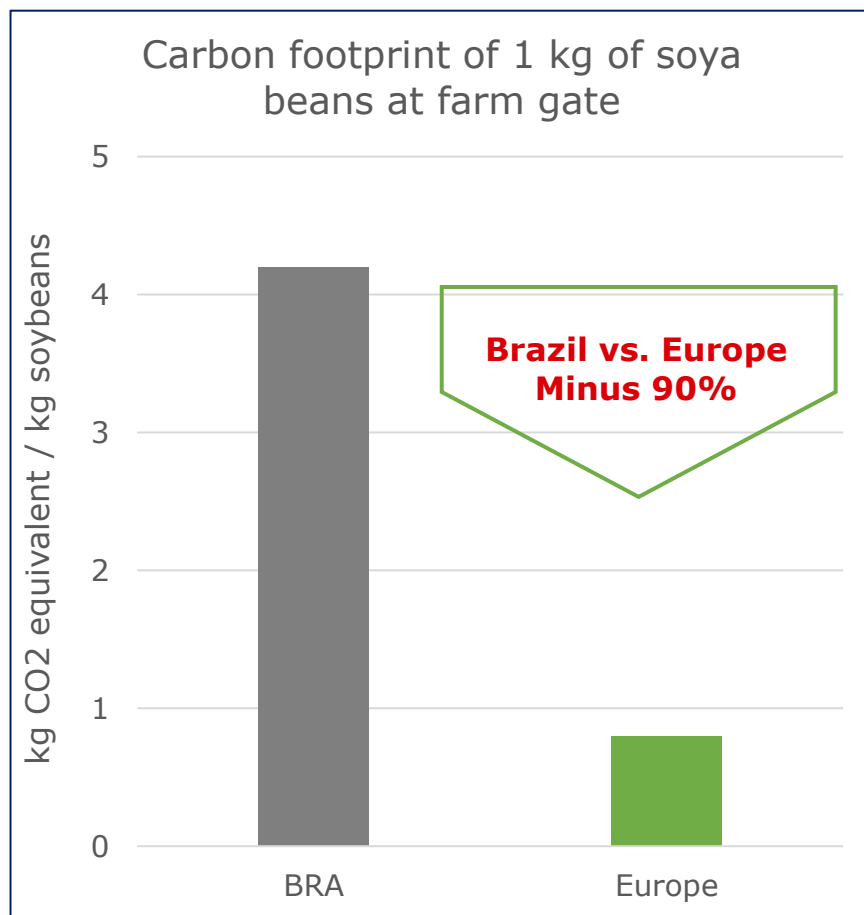


Pulses: bambara beans, beans dry, broad beans, horse beans dry, chick peas, cow peas dry, pigeons peas, vetches; **Cereals:** barley, buckwheat, canary seed, fonio, maize, millet, oats, quinoa, rice, rye, sorghum, triticale, wheat; **Oilcrops:** castor oil seed, coconuts, groundnuts with shell, hempseed, 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



CO₂ PRODUCT CALCULATIONS FOR EGGS



AUSTRIAN EGG SECTOR

**Minus 36% CO₂ reduction
with Donau Soja**

(BOKU 2019)



THANNINGER FREIHEIT

**Minus 41% CO₂ reduction
with Donau Soja**

(FiBL2020)



TEICHWEIDEN

**Minus 49% CO₂ reduction
with Donau Soja**

(FiBL2021)

CO₂ PRODUCT CALCULATIONS FOR PORK



**EDEKA SÜDWEST FLEICH
HOFGLÜCK PORK**
**Minus 40% CO₂ reduction
with Donau Soja**
(2020)



GUSTINO PORK
**Minus 42% CO₂ reduction
with Donau Soja**
(FiBL 2020)



SWABIAN-HALL PORK
**Minus 31% CO₂ reduction
with Donau Soja/Europe
Soya**
(2020)

CONSUMER COMMUNICATION

PRESS CONFERENCE BAVARIA

With Michaela Kaniber (Minister Bavaria)



**DONAU SOJA as
climate saving
alternative**

**~ 40 % reduced
CO₂ emissions**

TEICHWEIDEN - ONLINE PRESS CONFERENCE

with Susanna Karawanskij (Minister Thuringia)



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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 EVENT
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

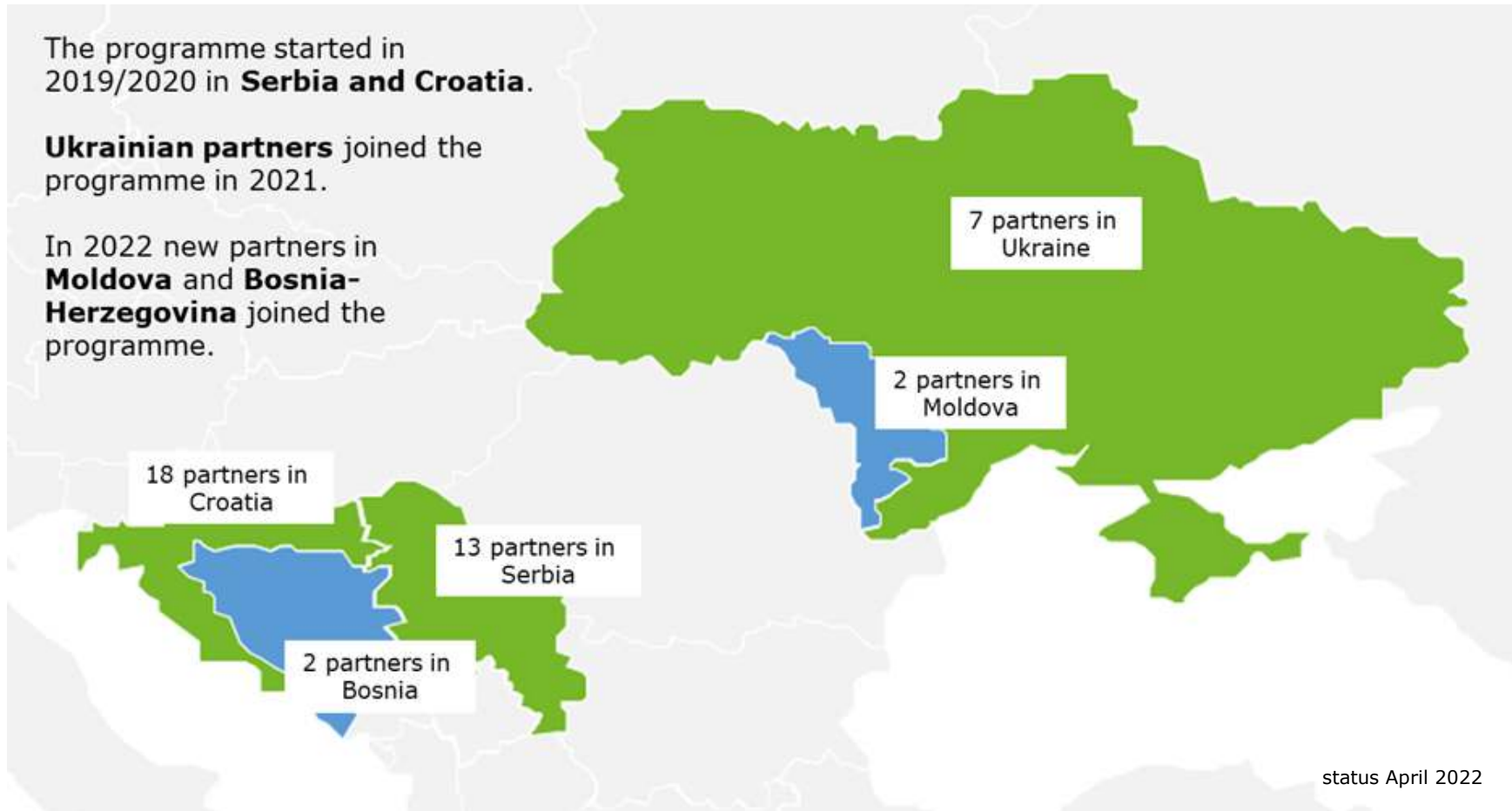


almost **900**
certified partners



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.



Thank you for your attention!