



We have to be changed

DAIRY NEWS.
TODAY

May, 27, 2024

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Airport disruptions **LIVE**

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социально-экологические факторы

STRONG

HIGH

TIION

технологическое развитие

LOW

NEW FUSION
НОВЫЙ
синтез

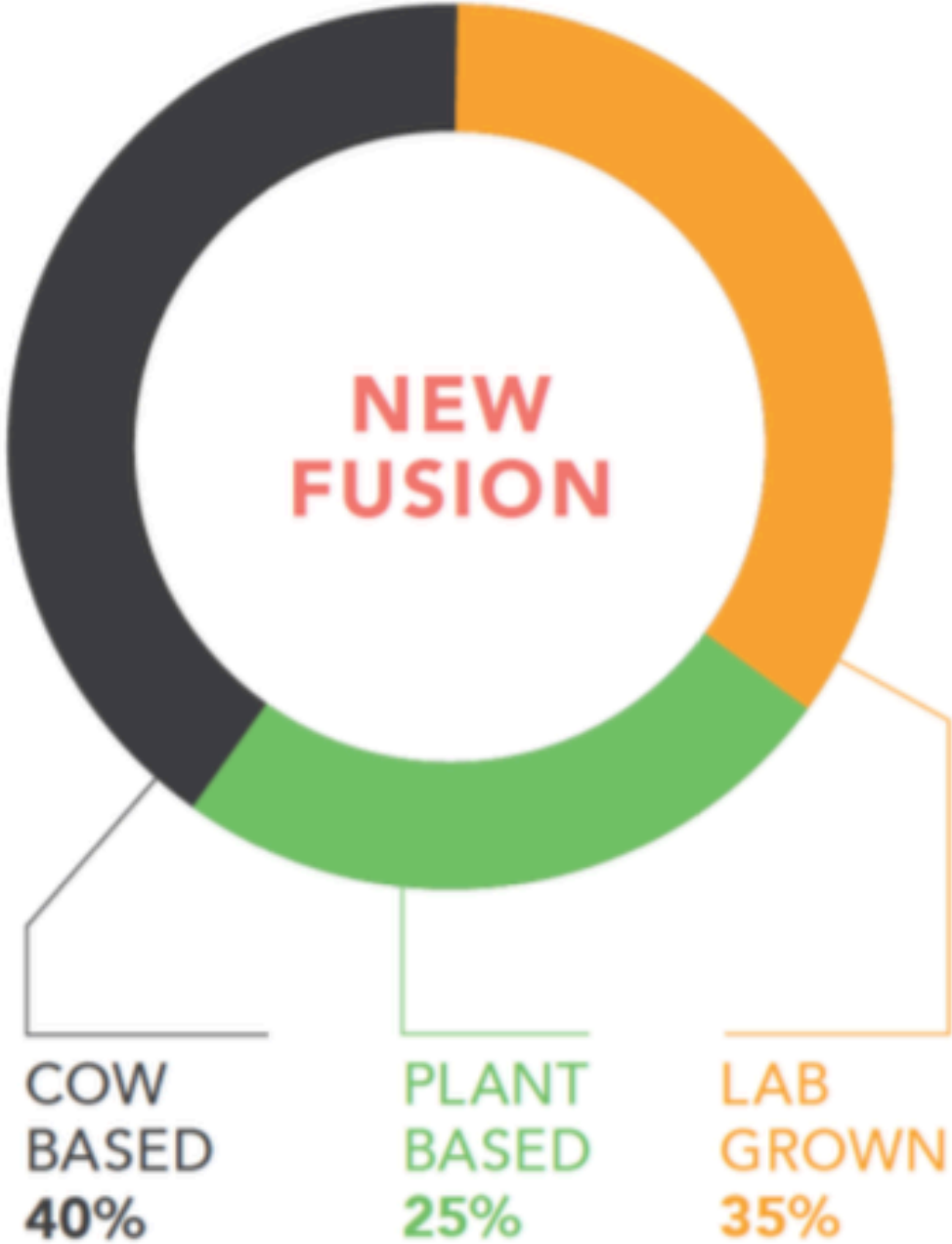
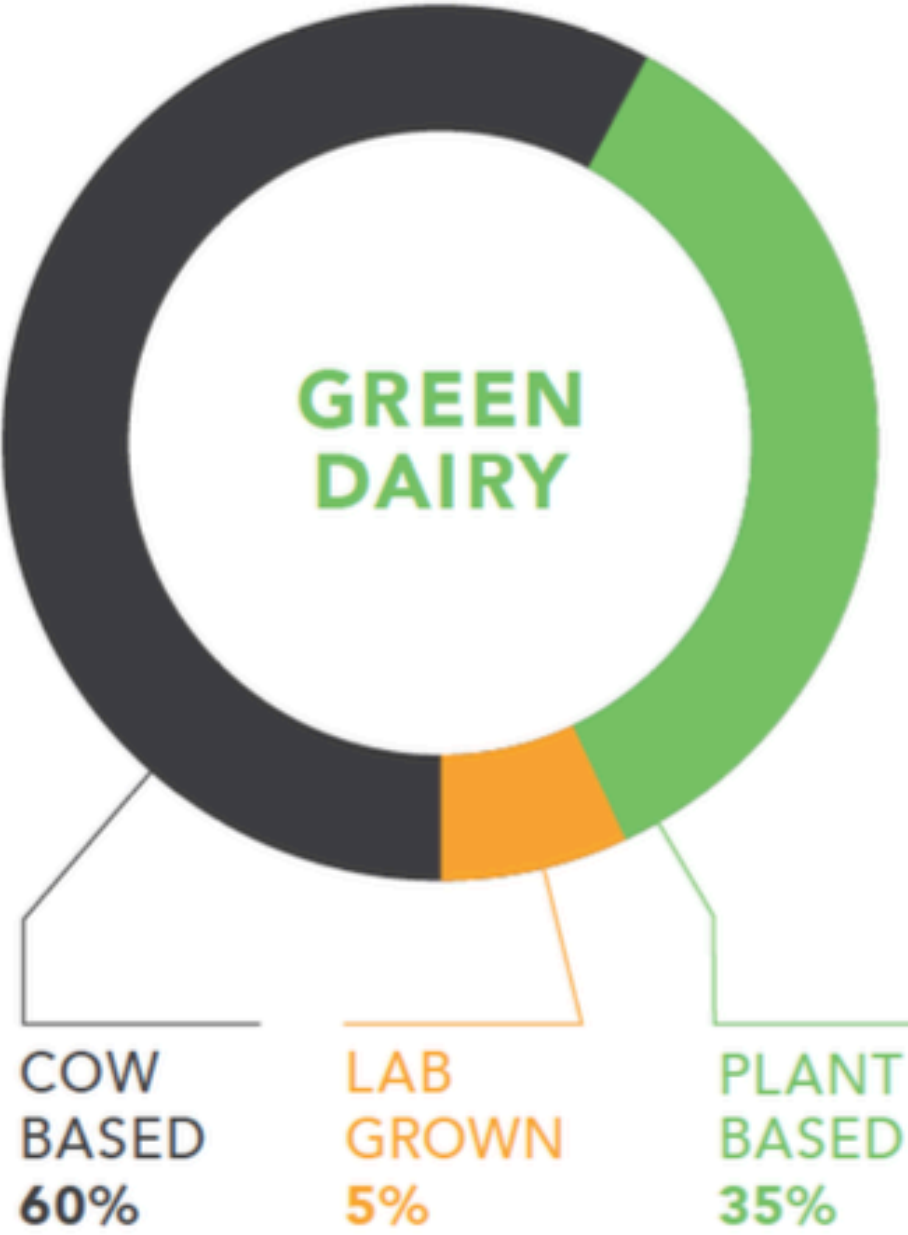
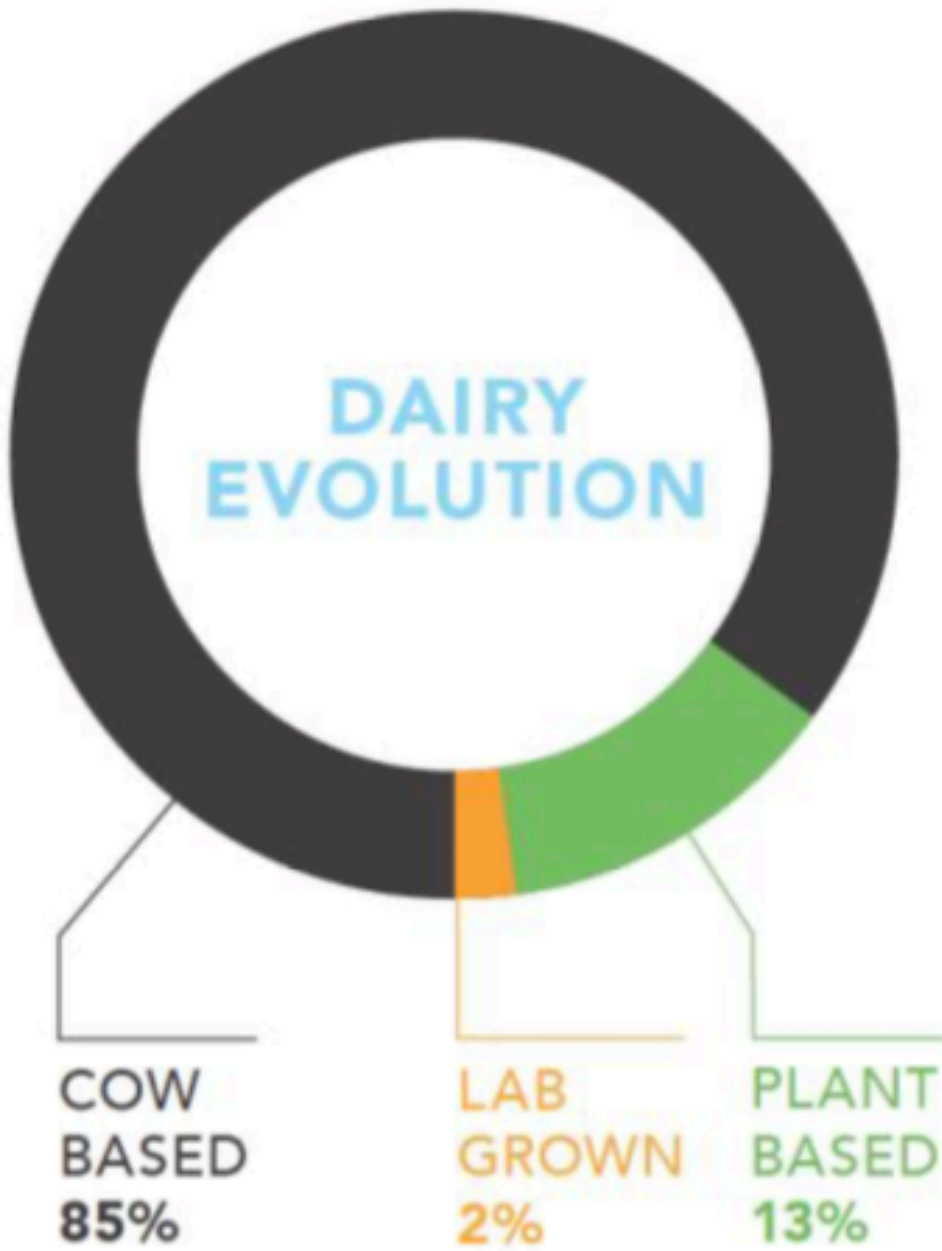
BRAVE NEW FOOD
дивная
Новая
пицца

DAIRY EVOLUTION
МОЛОЧНАЯ
эволюция

GREEN DAIRY
зеленые
МОЛОЧНЫЕ
продукты

Tetra Pak & Lund University forecast

Share of cow milk to 2030



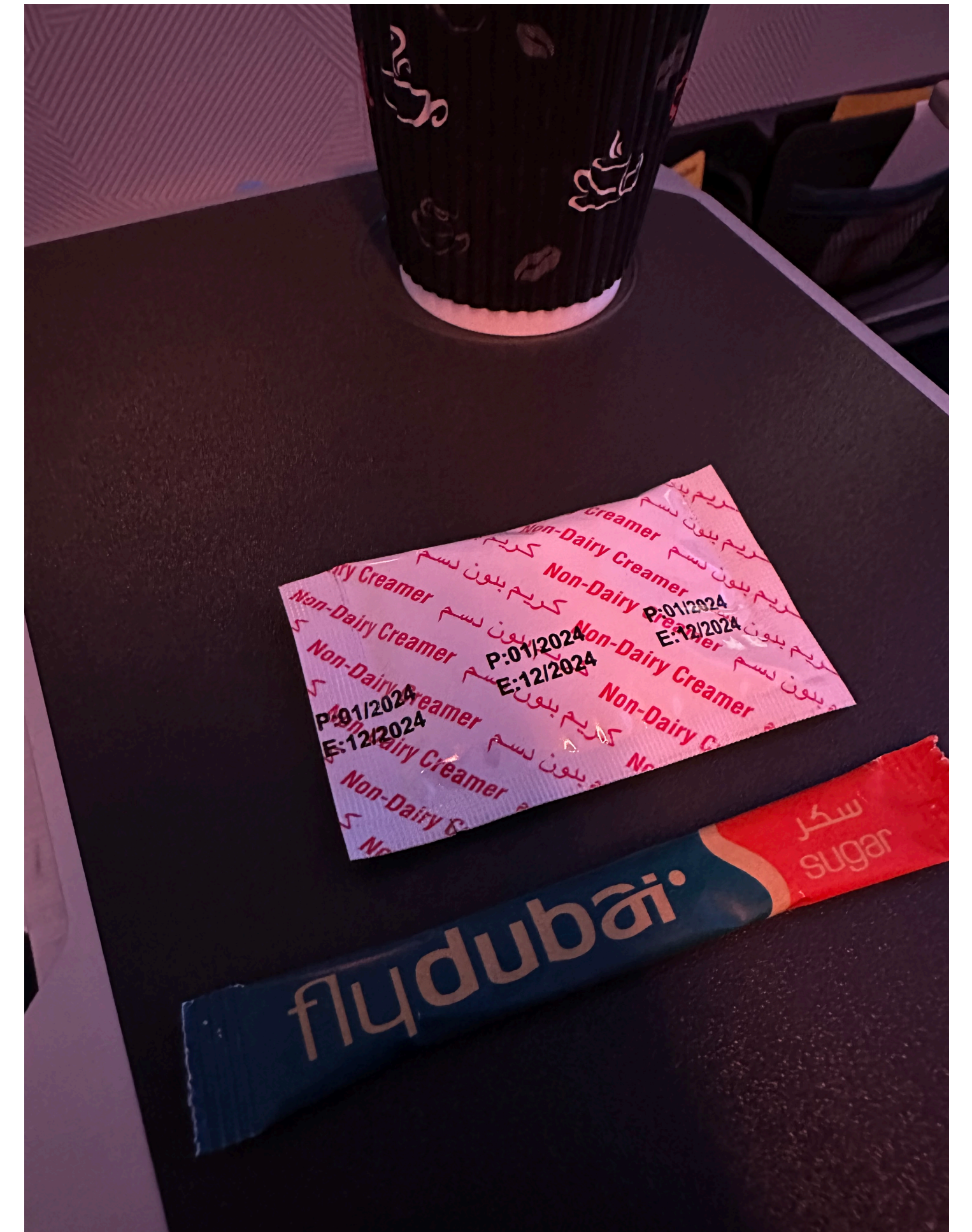
2015



2015



2024



Almaty, 2024



Chicago, 2023



Butter shelf in Qazaqstan. Can we call alternatives?





The image features two elegant, tulip-shaped glasses filled with a creamy white liquid, likely milk, set against a dark, blurred background. The glasses are positioned in the center-right of the frame. In the lower-left foreground, a single cotton boll with its brown, papery husk is resting on a light-colored, textured surface, possibly a piece of fabric or paper. The lighting is soft and focused, highlighting the texture of the milk and the cotton.

Lab grown milk

Cow based milk

what is an alternative?



what is an alternative?



for rich countries the alternative is the result of surplus



what is an alternative?



for rich countries the alternative is the result of surplus



for poor countries the alternative is the result of shortages



what is an alternative?



 for rich countries the alternative is the result of surplus

 for poor countries the alternative is the result of shortages

 in the modern world, where almost all people use smartphones and social networks, a cow for own production is an indicator of poverty



what is an alternative?



 for rich countries the alternative is the result of surplus

 for poor countries the alternative is the result of shortages

 in the modern world, where almost all people use smartphones and social networks, a cow for own production is an indicator of poverty

 in the modern world people BUY their own food

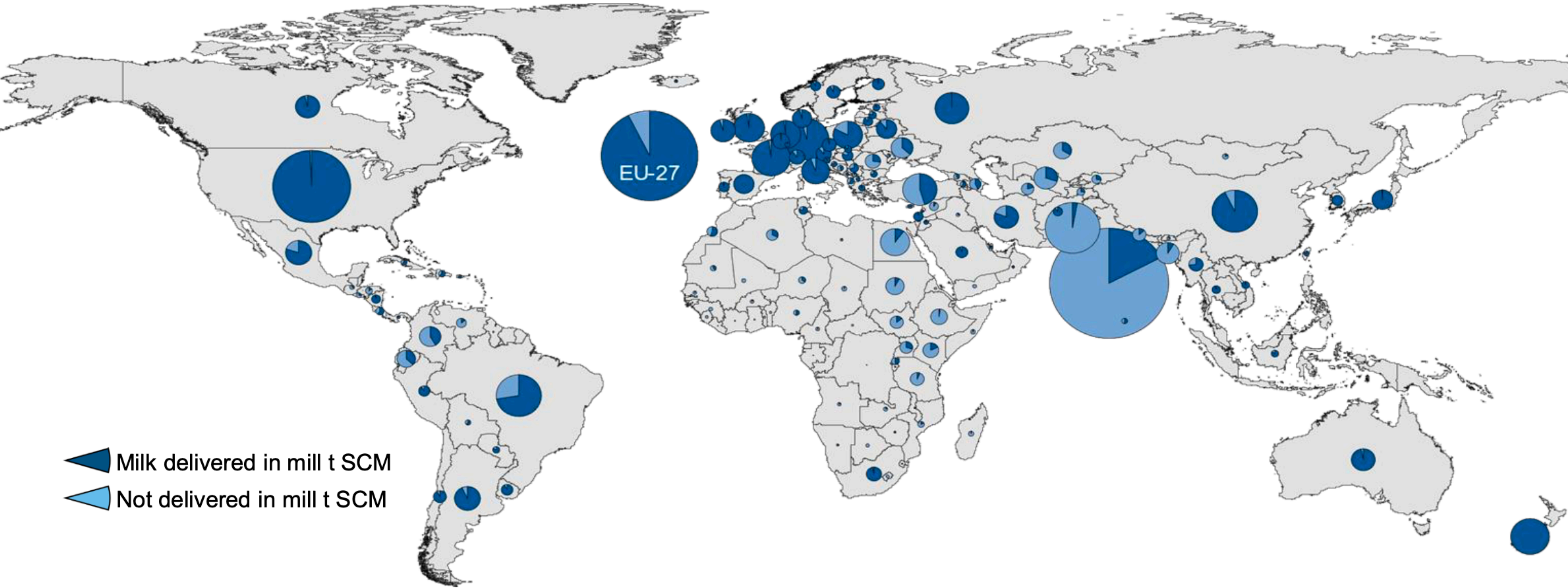


We need to change our approach to understanding what alternative products are.

Milk production & share of milk delivered



IFCN
Dairy Data · Knowledge · Inspiration



▶ Milk delivered in mill t SCM
▶ Not delivered in mill t SCM

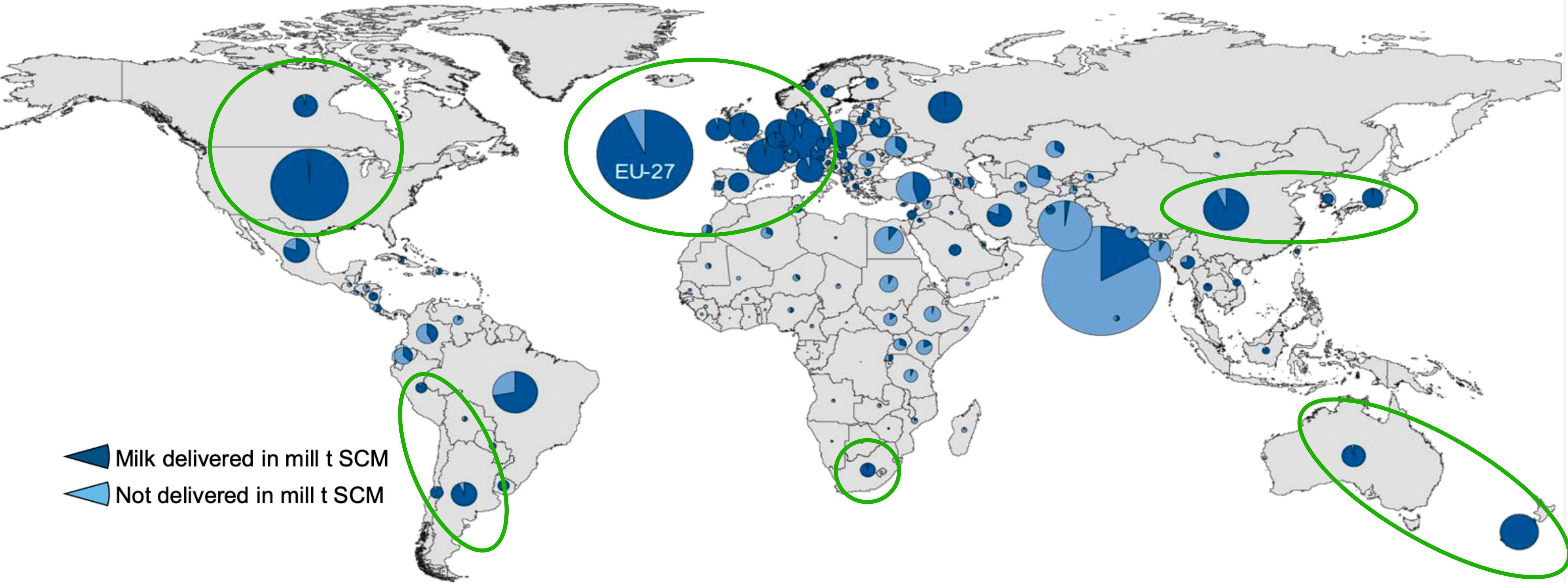
IFCN

Remarks: Cow and buffalo milk production and milk delivered in mill t SCM – solid corrected milk (4% fat, 3.3% protein).

Milk production & share of milk delivered



IFCN
Dairy Data · Knowledge · Inspiration



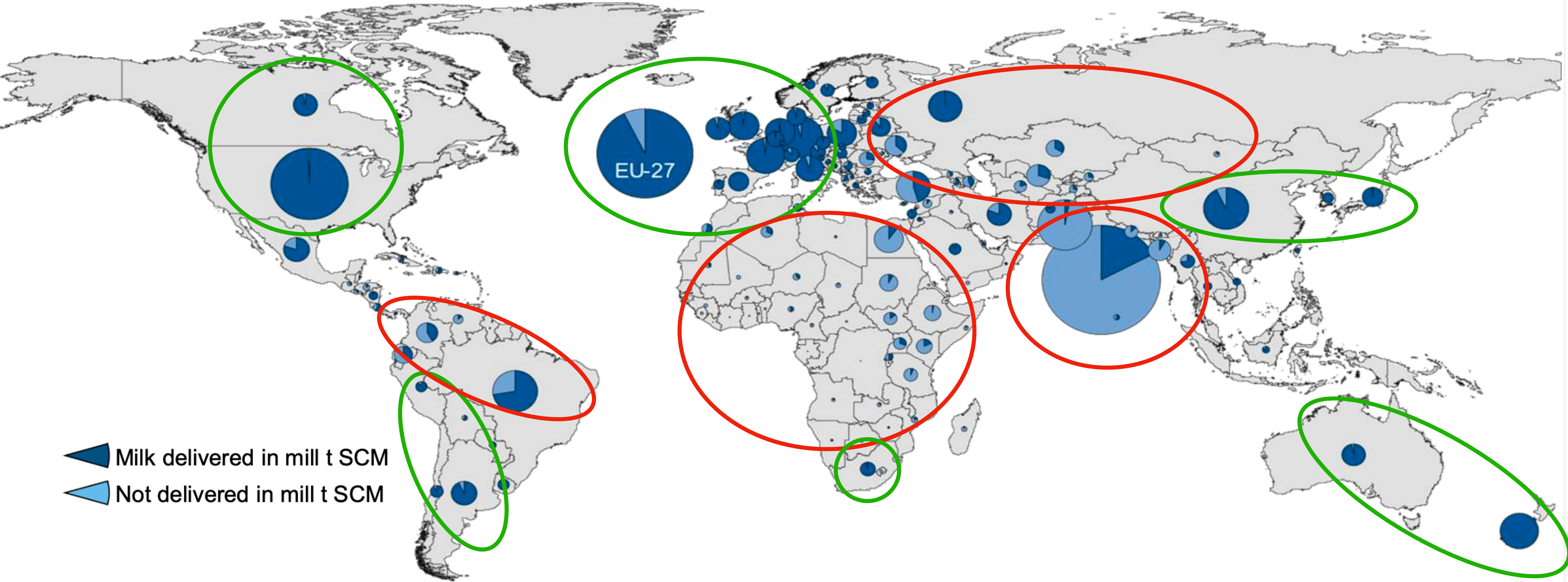
IFCN

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Milk production & share of milk delivered



IFCN
Dairy Data · Knowledge · Inspiration

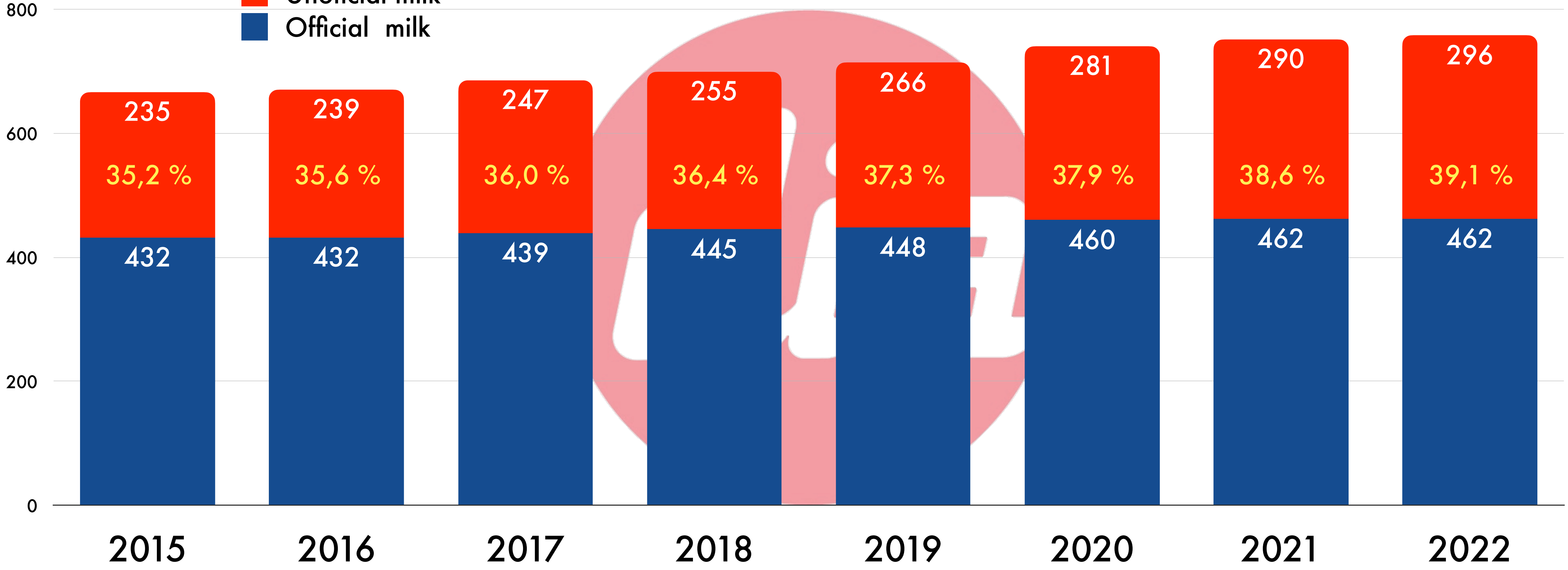


▶ Milk delivered in mill t SCM
▶ Not delivered in mill t SCM

How much milk produced in the world?



Unofficial milk
Official milk



The world is becoming wealthier, but more and more milk is being produced by household farms and is no longer a commodity?

what is an informal milk?



what is an informal milk?



 informal milk does not participate in the economy




what is an informal milk?



 informal milk does not participate in the economy

 developing countries use indicators of informal production to visually increase GDP

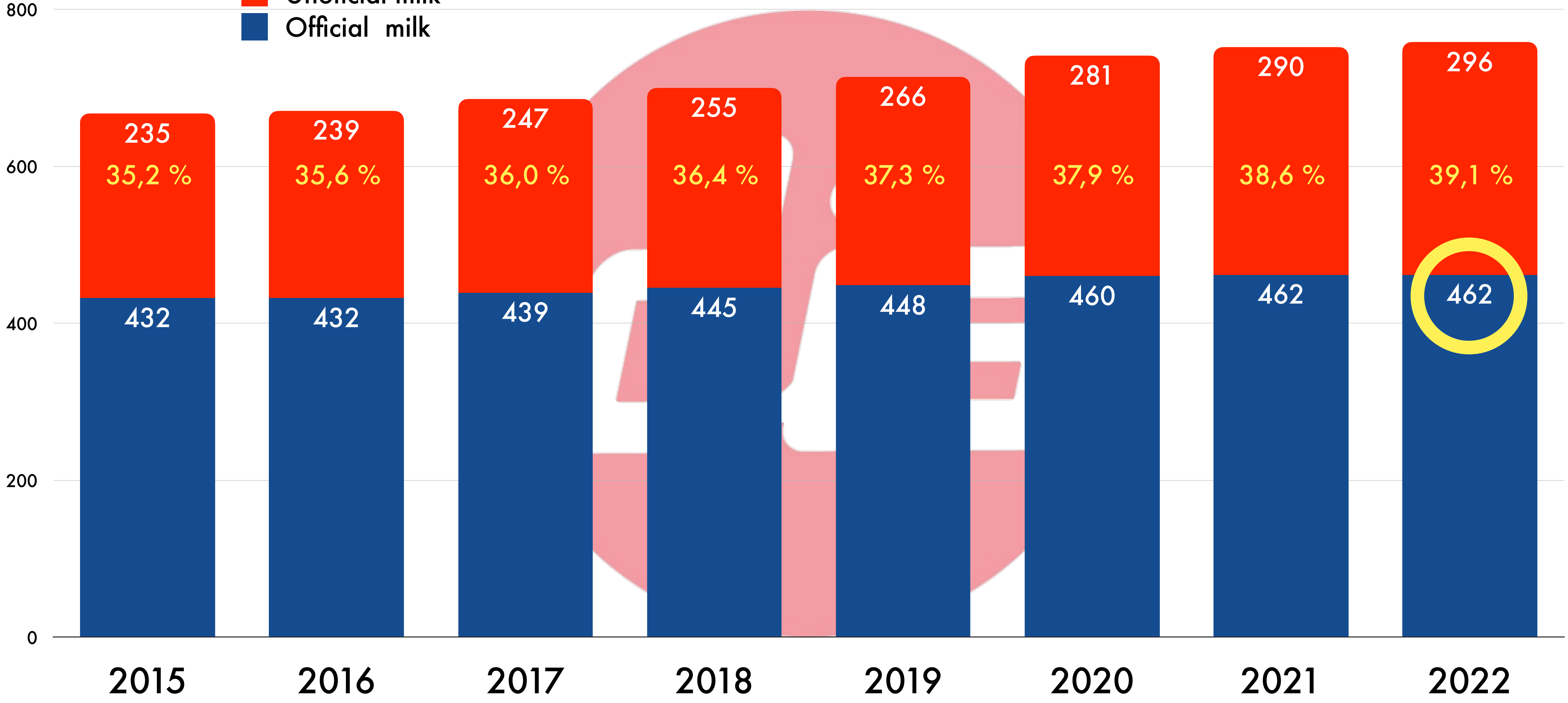
what is an informal milk?

-  informal milk does not participate in the economy
-  developing countries use indicators of informal production to visually increase GDP
-  The rules of statistics created by developed countries are being interpreted by developing countries

We need to change our perspective on how much milk is actually produced in the world.

How much milk produced in the world?

Unofficial milk
Official milk



Chinese car, 2005



Chinese car, 2005



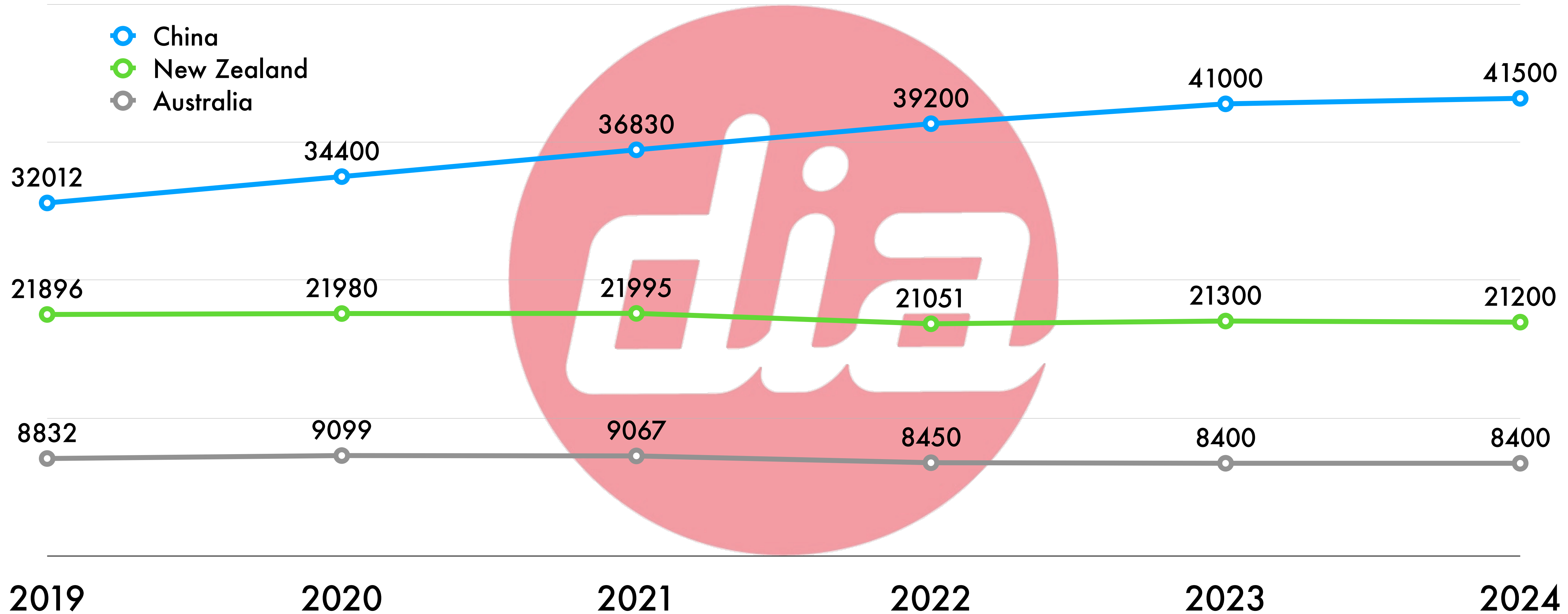
Chinese car, 2024



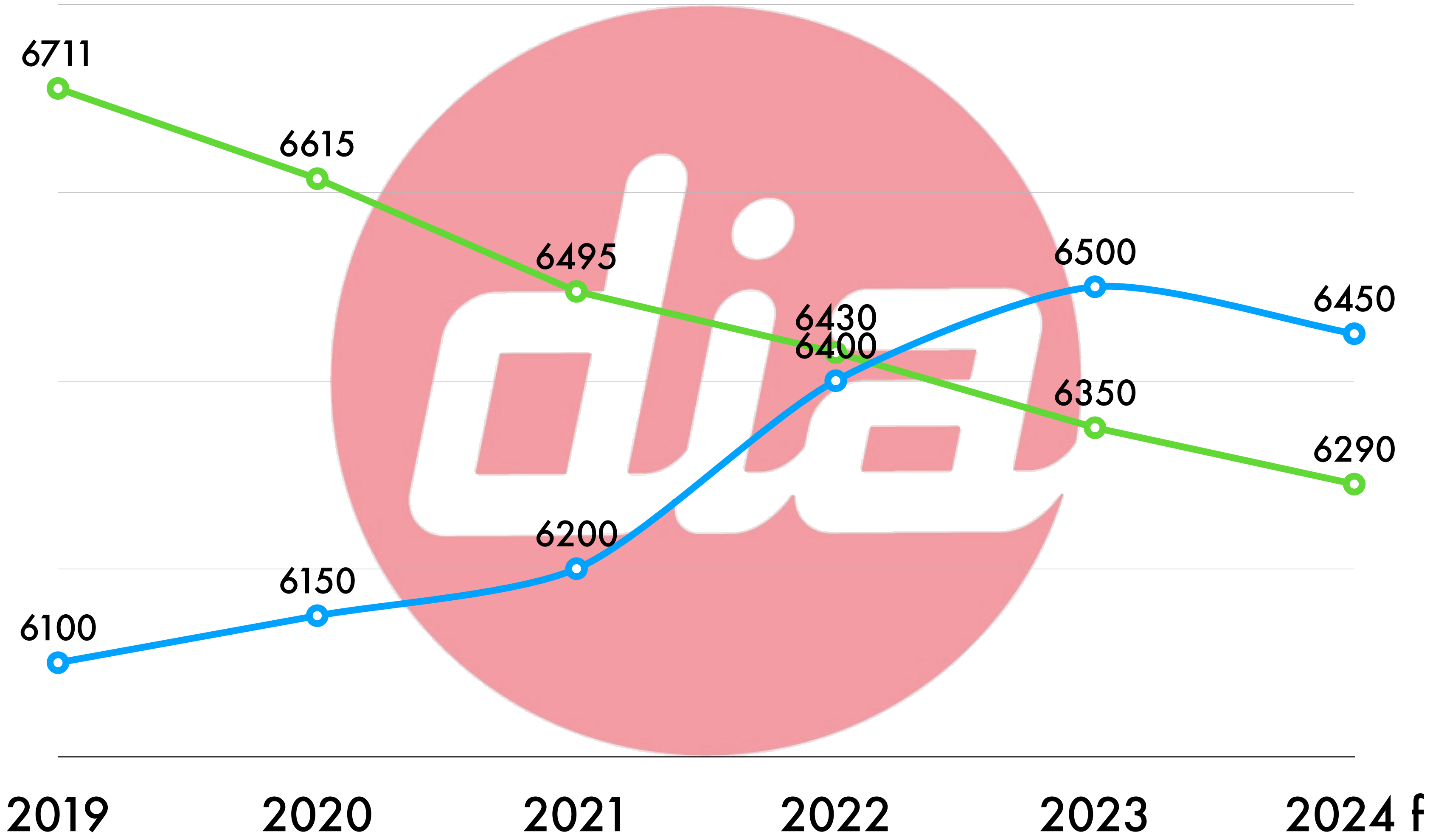
Chinese car, 2024



Chinese milk production



Number of cows

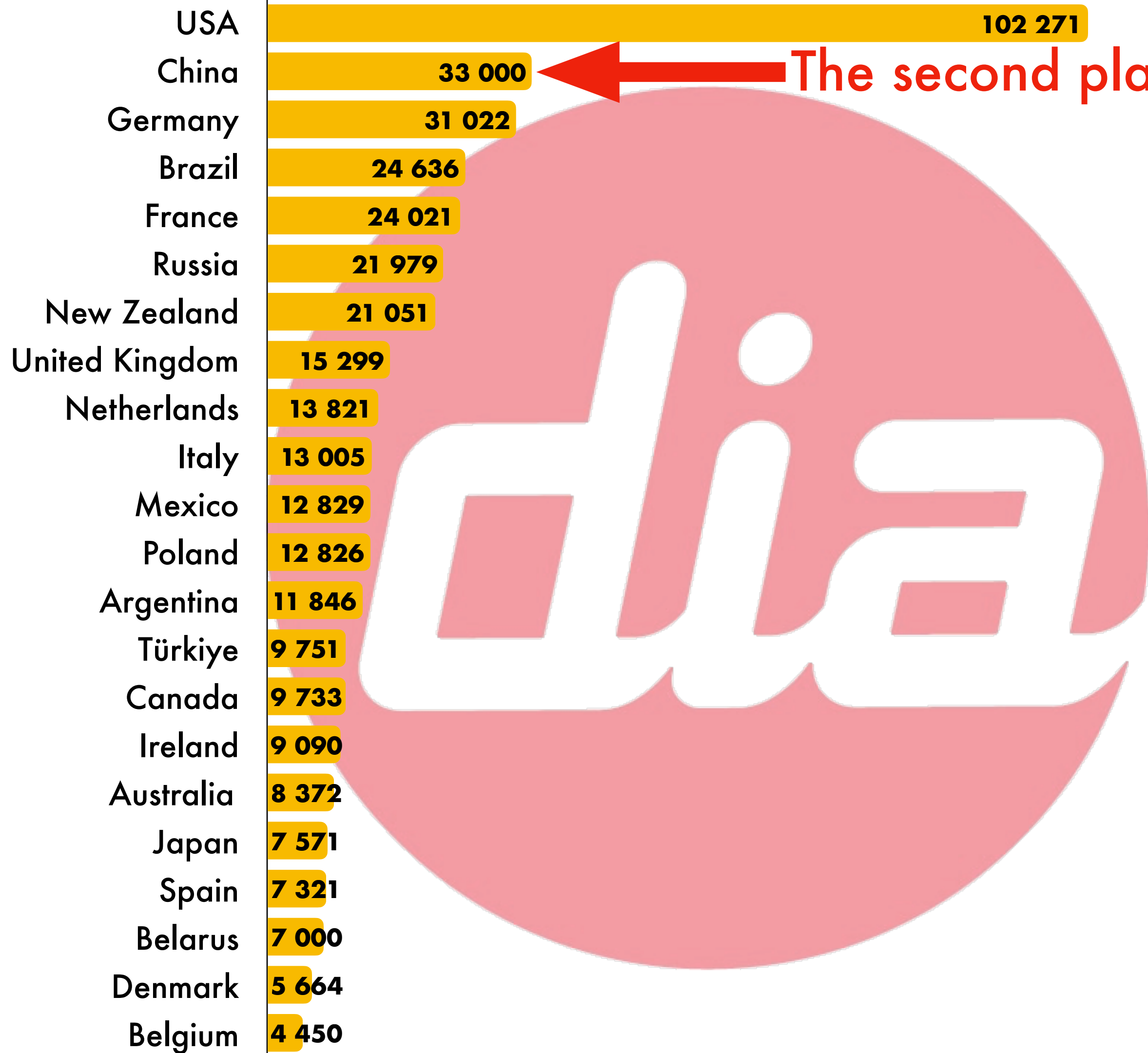


The biggest dairy companies

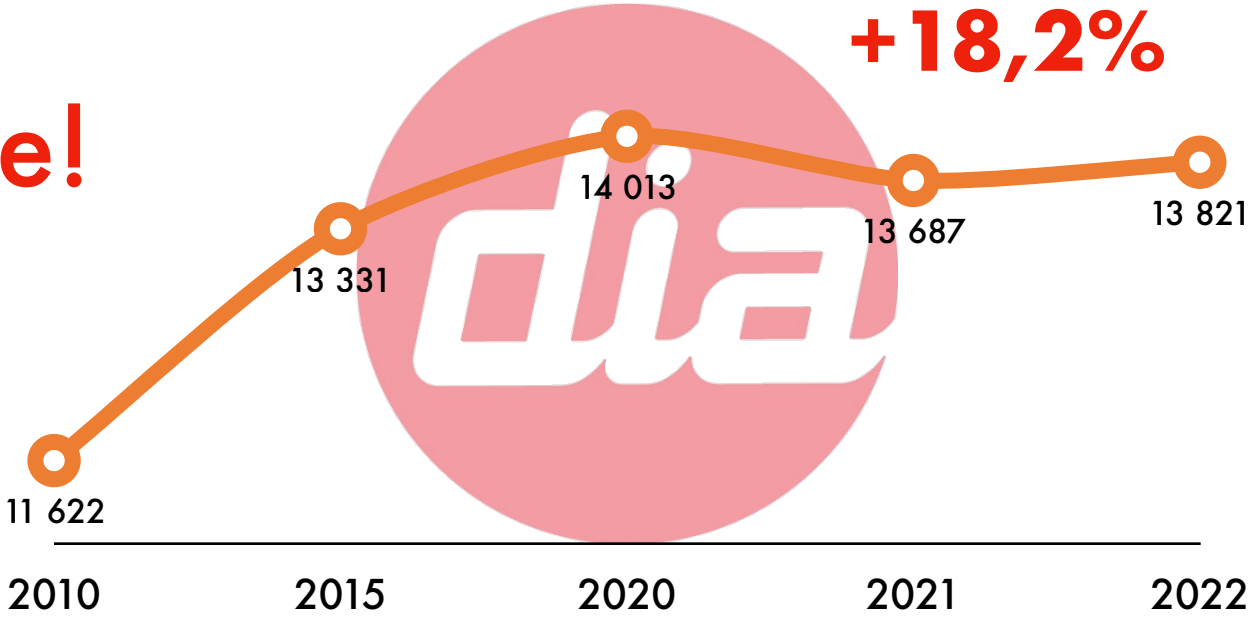
Company	Number of Farms	Herd	Number of milking cows
Youran Dairy	85	539 400	253 633
China Modern	42	418 496	204 086
China Shengmu	33	139 897	63 158
AustAsia	11	124 269	111 424
TOTAL	171	1 222 062	632 301

Chinese milk processing

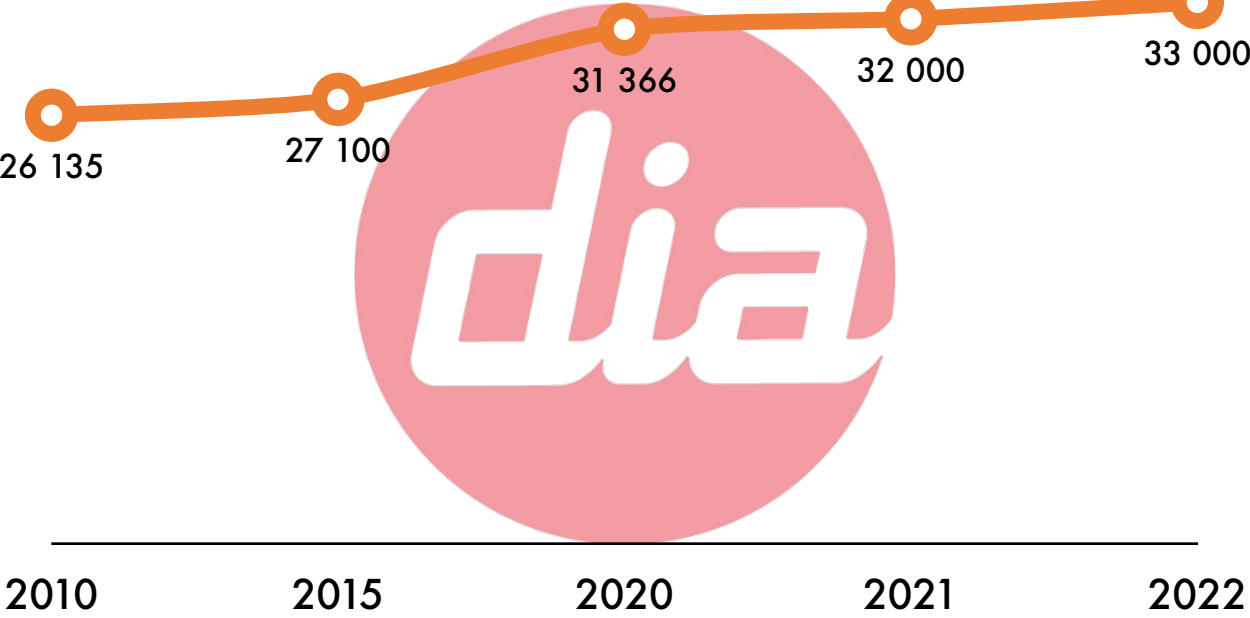
The biggest milk processors



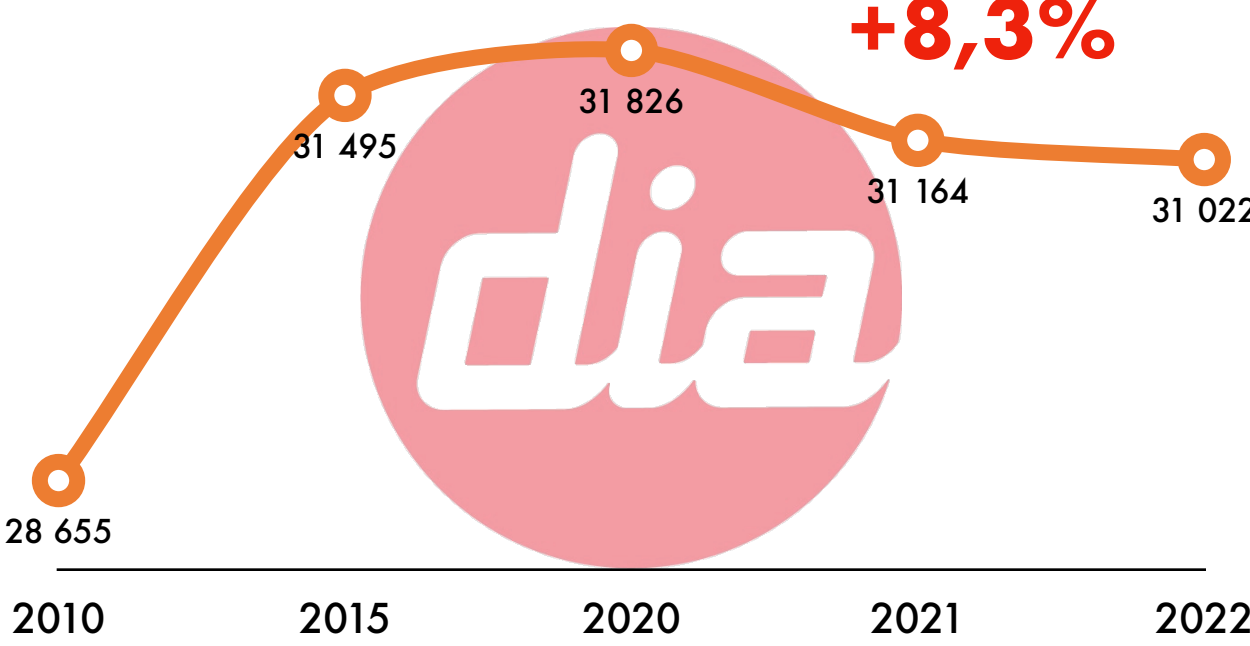
Netherlands



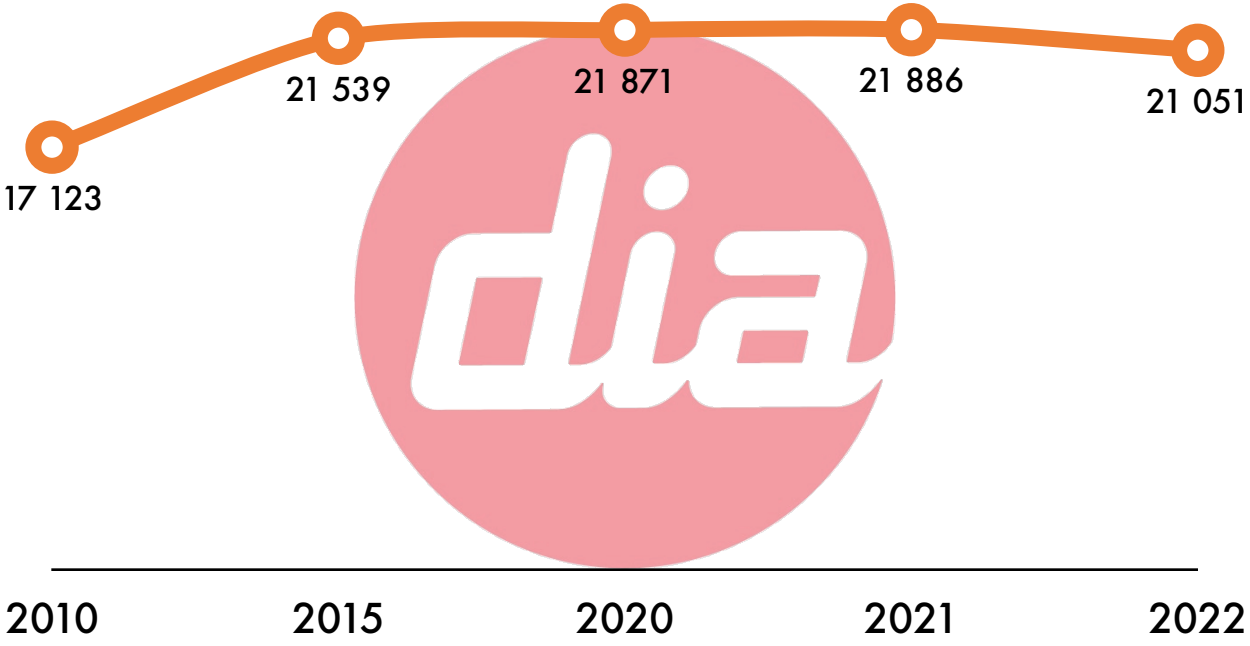
China



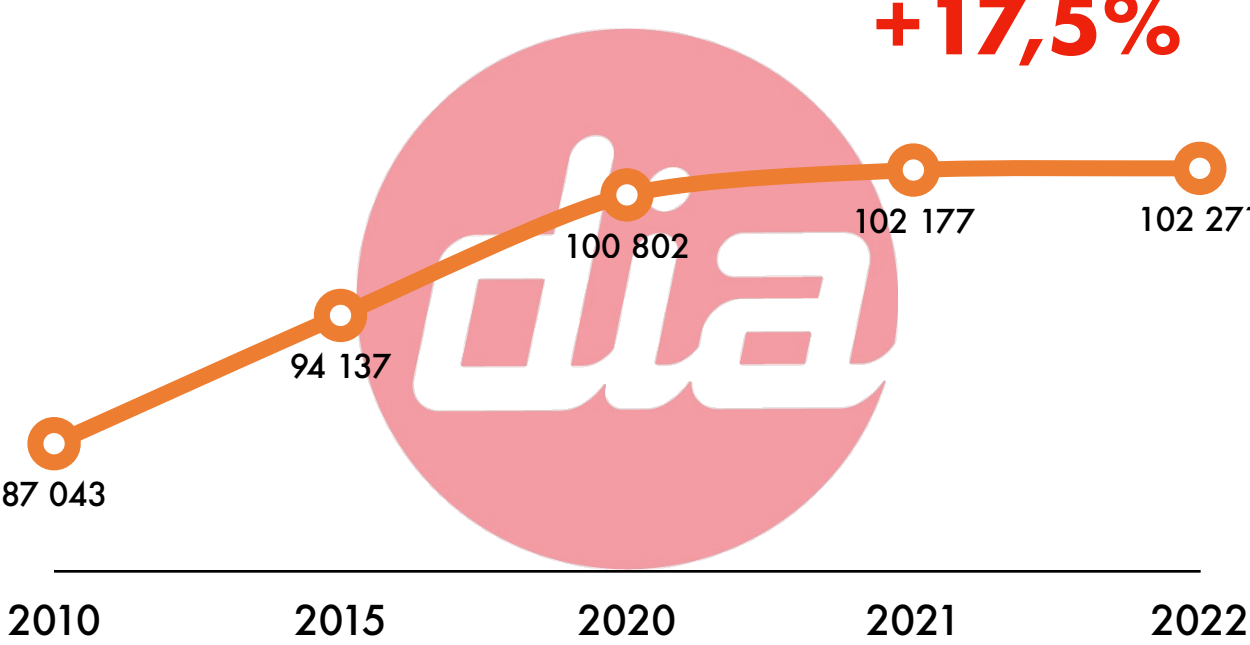
Germany



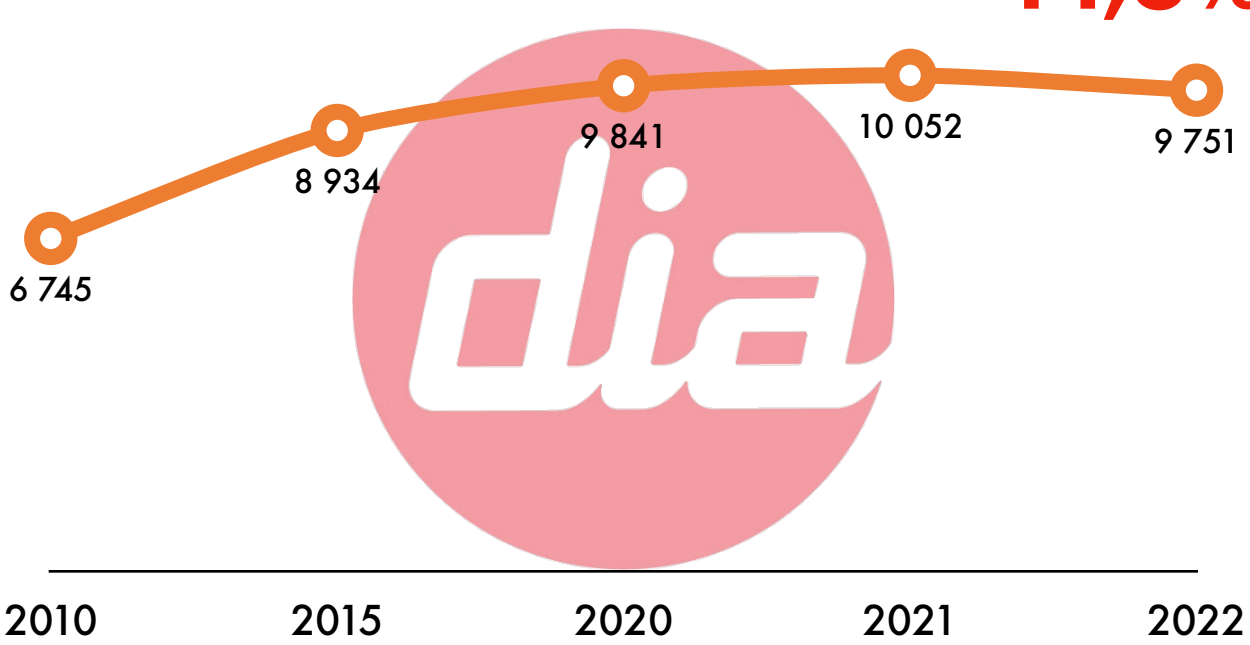
NZ



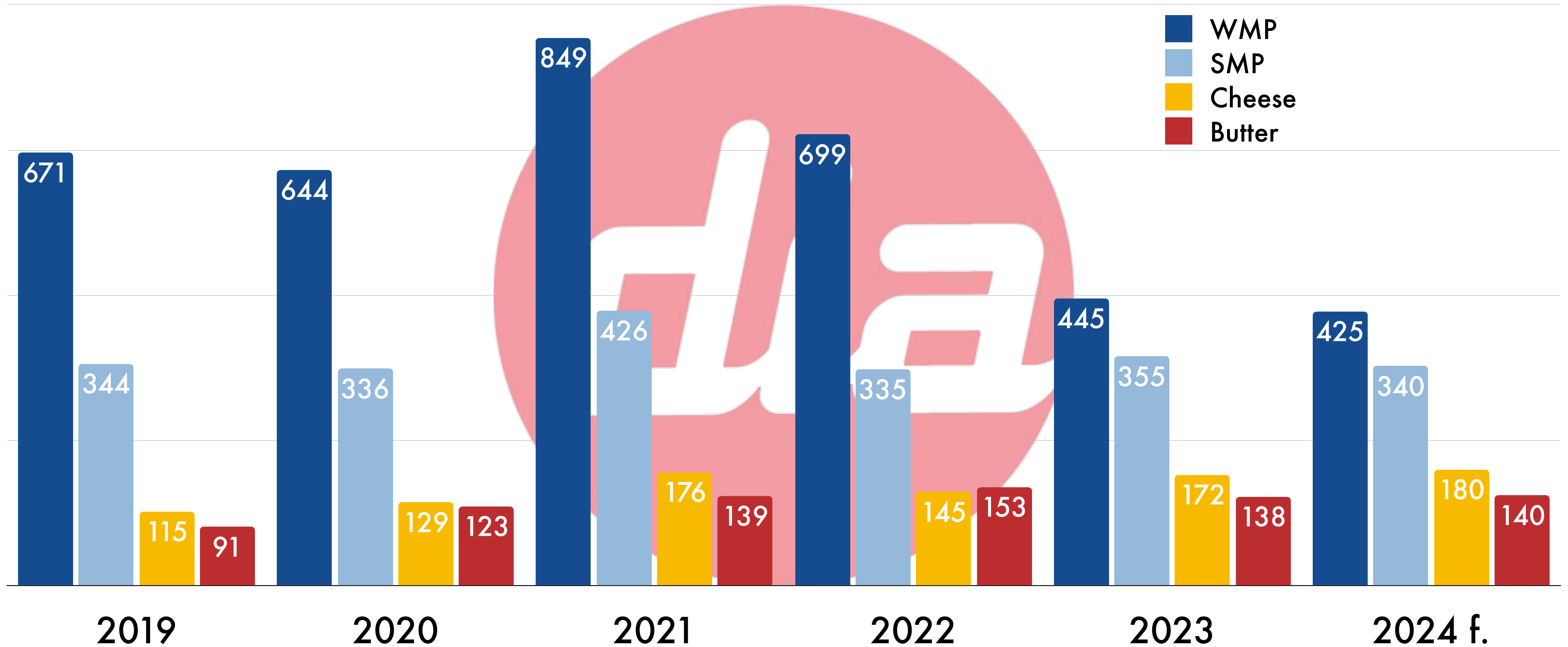
US



Türkiye



Chinese import



Forecasts of changes in global milk trade



Butter Exports Summary for Major Exporters (1,000 tons)

	2022	2023 Forecast	2024 Forecast	2023-2024 Change
Belarus	78	80	82	3%
European Union	255	285	275	-4%
New Zealand	494	520	480	-8%
United Kingdom	51	55	65	18%
United States	82	37	41	11%
Major Exporter Total	960	977	943	-3%

Note: Data is rounded.



WMP Exports Summary for Major Exporters (1,000 tons)

	2022	2023 Forecast	2024 Forecast	2023-2024 Change
Argentina	154	105	165	57%
Australia	58	45	40	-11%
European Union	236	260	250	-4%
New Zealand	1,328	1,350	1,325	-2%
Major Exporter Total	1,776	1,760	1,780	1%

Note: Data is rounded.



Cheese Exports Summary for Major Exporters (1,000 tons)

	2022	2023 Forecast	2024 Forecast	2023-2024 Change
Australia	145	130	160	23%
Belarus	310	310	315	2%
European Union	1,336	1,355	1,380	1%
New Zealand	340	391	370	-5%
United Kingdom	176	175	180	6%
United States	451	430	466	8%
Major Exporter Total	2,758	2,791	2,871	3%

Note: Data is rounded.



SMP Exports Summary for Major Exporters (1,000 tons)







	2022	2023 Forecast	2024 Forecast	2023-2024 Change
Australia	154	125	125	0%
Belarus	123	123	125	2%
European Union	708	815	810	-1%
New Zealand	357	465	440	-5%
United States	827	810	838	3%
Major Exporter Total	2,169	2,338	2,338	0%

Note: Data is rounded.






Chinese import, 2024 fact










-  In the first quarter of 2024, China's import of dairy products decreased by 15.6%
-  Imported supplies of infant formula amounted to 41,100 tons, down 48.5% year-on-year
-  Imports of whey in the first quarter of the year amounted to 134,800 tons, down 0.7% year-on-year.
-  liquid milk imports decreased by 11.3% to 164,800 tons
-  Imported a total of 41,200 tons of cheese - a 2.2% decrease in physical volume
-  The majority of these imports originated from New Zealand, which contributed 26,800 tons, representing 87.2% of the total imports but showing a 13.7% decrease year-over-year.
-  Imports from the European Union also changed, totaling 3,200 tons—an increase of 24.6% compared to last year.

NZ & Australia vs China



-  Fonterra - one of the Australia's largest dairy processors is pulling the plug on Australia.
-  Fonterra announced its intention to sell its consumer brands division, which includes the production of well-known brands such as Anchor, Fresh'n Fruity, and Mainland.
-  Fonterra has revealed its decision to shutter its plants its Waikato sites - Waitoa PDC (specialty powders) and the coal center at the site, as well as dryer one and two at Te Rapa.

China's 2025 targets

-  Raw milk production: 41 million mt. (done)
-  Further reduce feed cost
-  >75% large-scale farm with more than 100 cows.
-  Yield per cow: 9mt/year
-  Improve cattle breeding capacity
-  Support dairy enterprises to build their own farms
-  Dairy farmers & enterprises cross shareholding

China's 2035 potential

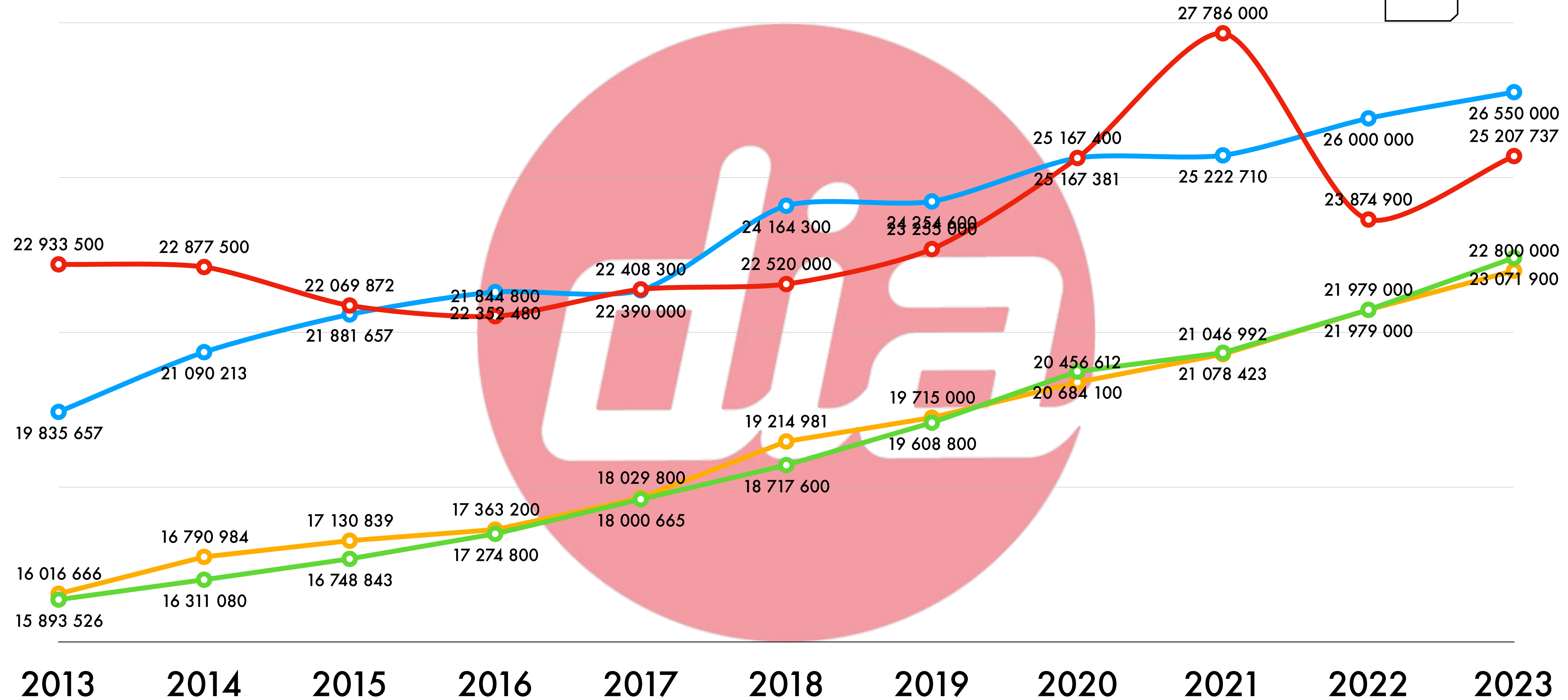


 63 mil ton production

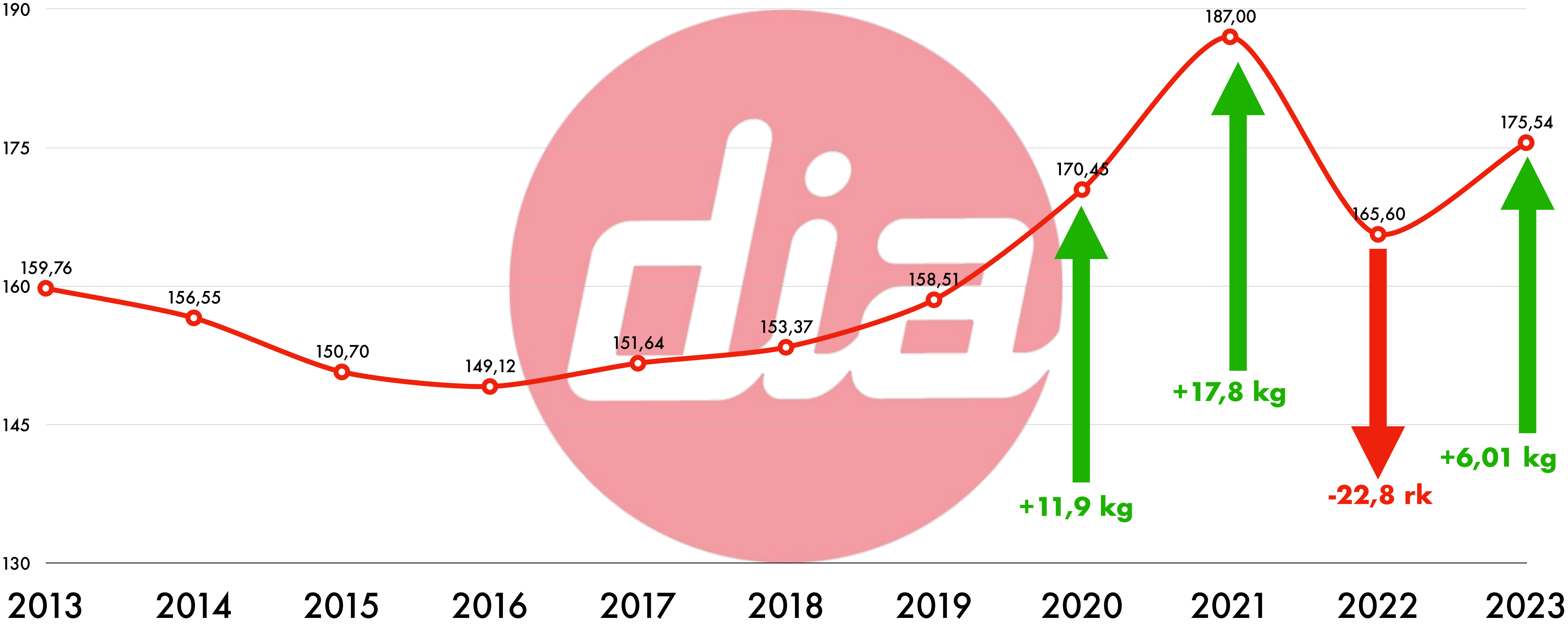
 Net exporter of infant formula

 Self-sufficiency -85%

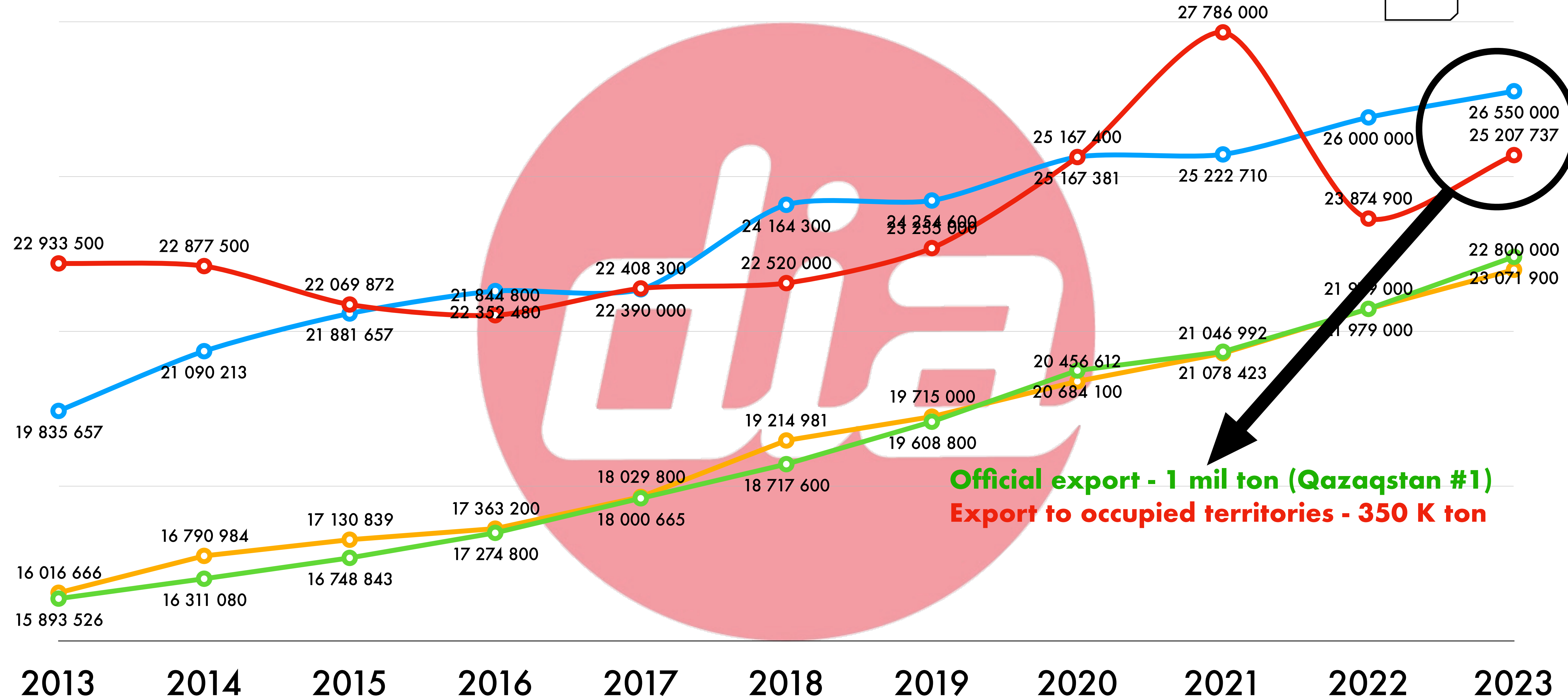
Russia. Pressure on Eurasia



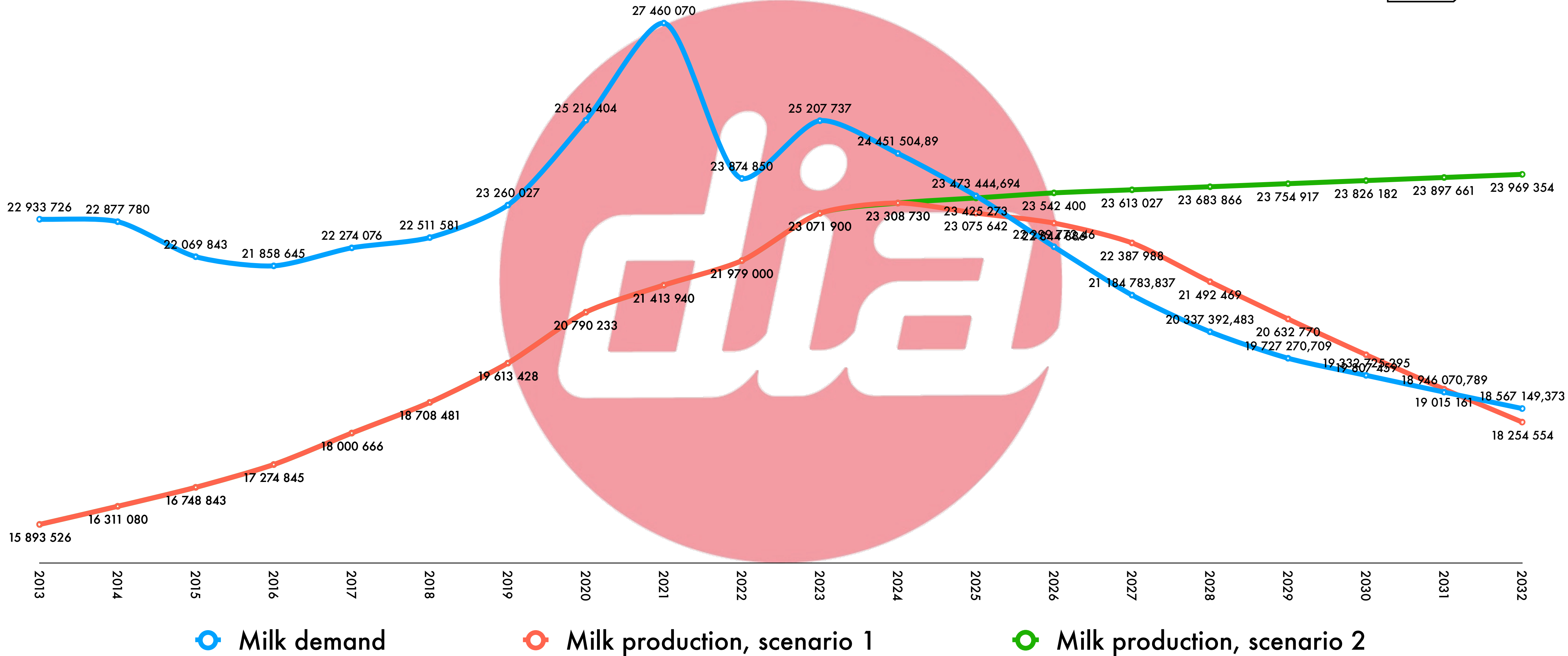
Russia. Consumption



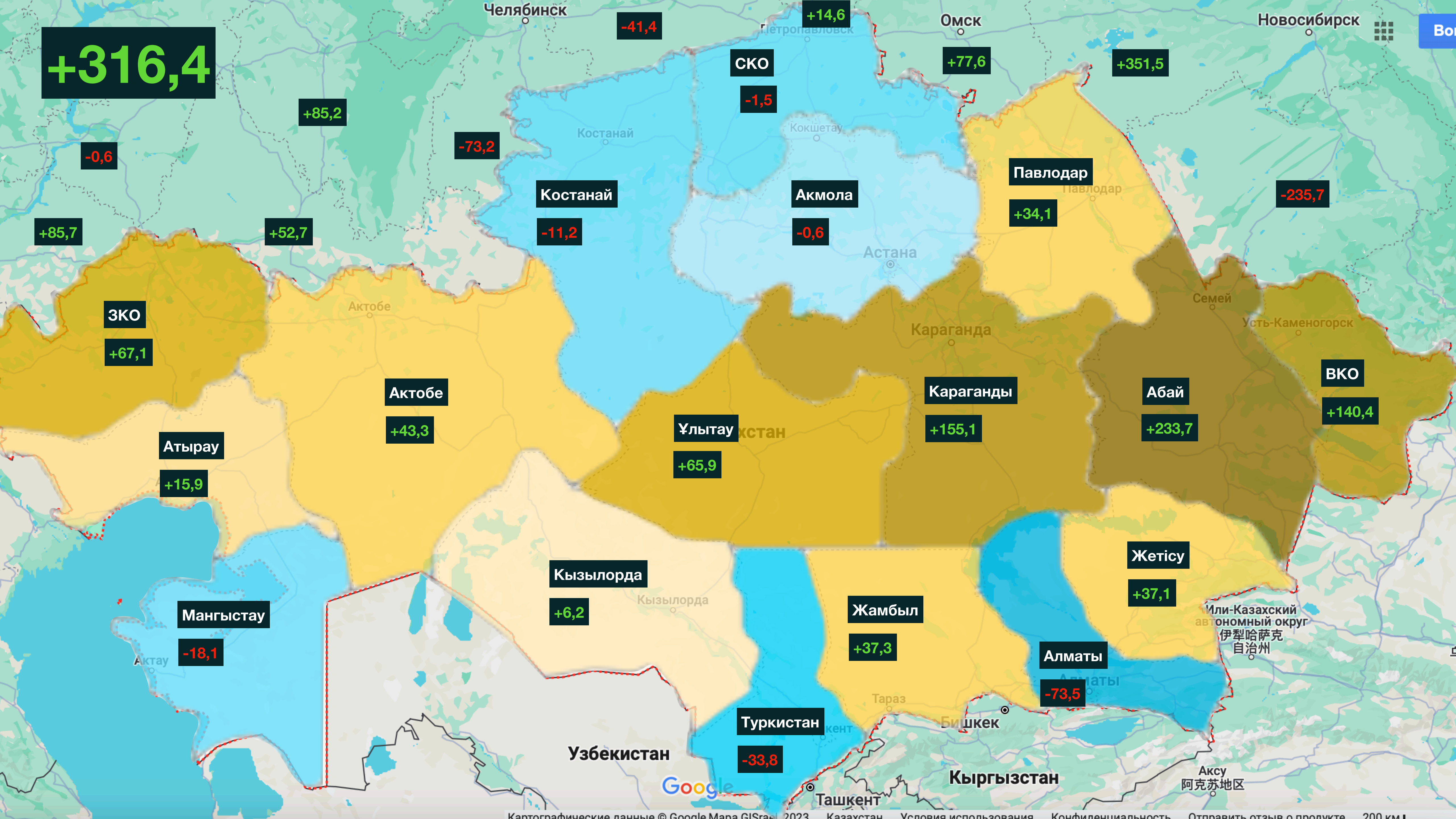
Russia. Pressure on Eurasia



Russia. Forecast



+316,4



**Kazakhstan needs to change its stance on the customs union with
Russia.**

What is the main problem of dairy?

The image features two elegant, tulip-shaped glasses filled with a creamy white liquid, likely milk, set against a dark, blurred background. The glasses are positioned on a light-colored, textured surface. In the foreground, to the left, is a single cotton boll with its brown, papery husk partially visible. The lighting is soft, highlighting the smooth texture of the milk and the fine details of the cotton.

Lab grown milk

Cow based milk



the products are the same, but the working conditions are different



complete exclusion of human labor

technology transfer from human mass management to herd management

Exit Hudson Blvd East & Buses





ATLÉTICO DE MADRID

WANDA METROPOLITANO

ATLÉTICO DE MADRID

0

35:26

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