



# **Key trends on dairy markets**What could happen in the next few years?

a presentation for XI Dairy Olypics

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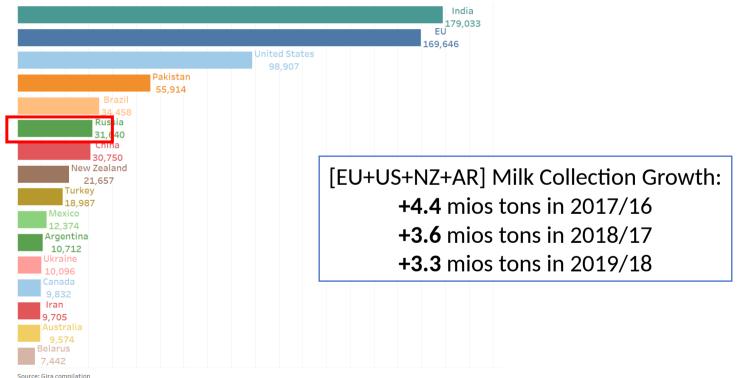
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#### Top milk producers in 2018





#### **World Milk Production in 2018 ('000 tons)**

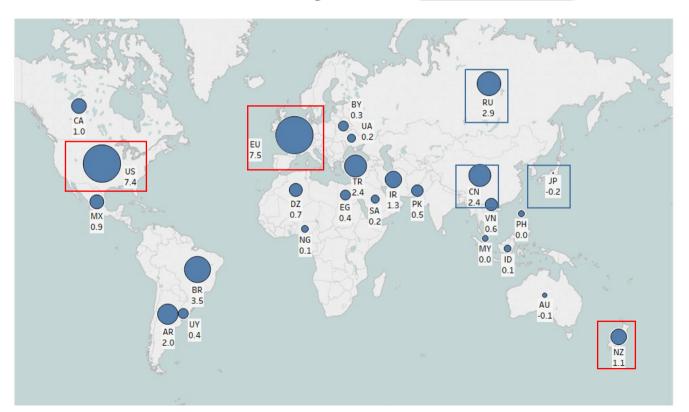


#### Milk collection growth by 2023

EU & US far ahead; 2018-2023: +34,9 mio. tons



#### GDC World milk collection change in total in 2018 to 2023, in '000 tons

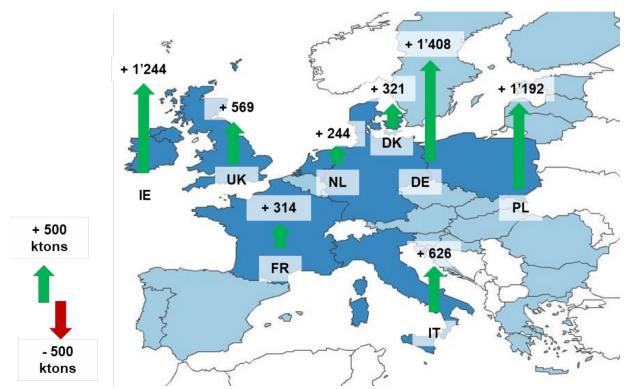


#### Forecast collection growth by 2023f cf. 2018: +1% CAGR

+7.5 mio tons expected; growth in all major countries



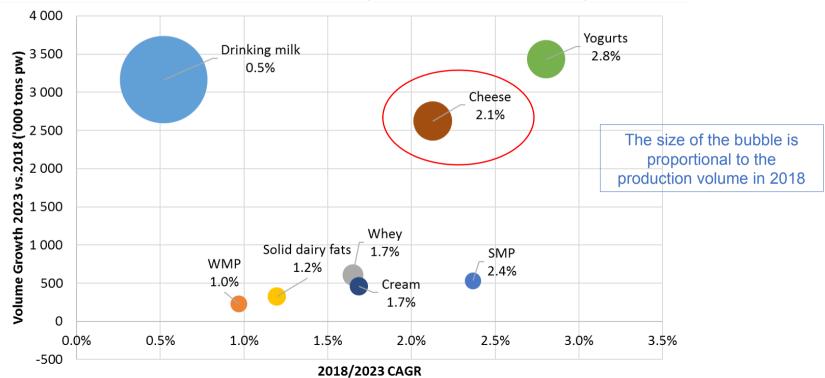
#### Growth of milk collection in the EU 2023/2018, ktons



# **Production growth by main categories of products**Drinking milk is the only product with low growth for the future



#### Production Growth in GDC Countries (excl. India & Pakistan) 2023 vs. 2018

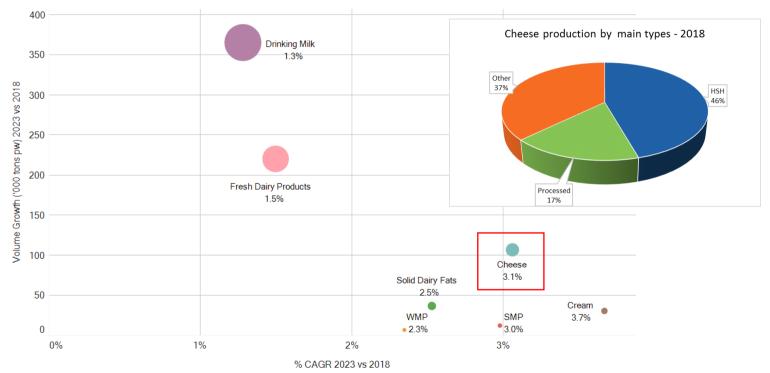


#### How this additional milk will be used in Russia?





#### **Russia Commodity Production 2010-2023f**



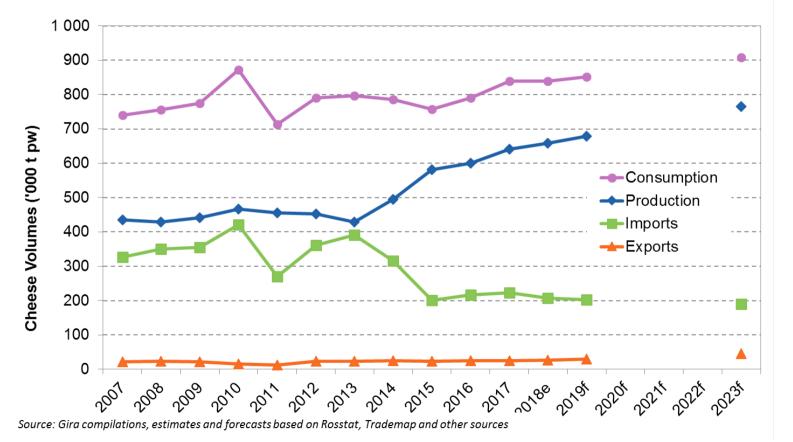
Source: Gira GDC18

Note: The size of the squares is proportional to the production volume in 2023.

#### Russian cheese balance



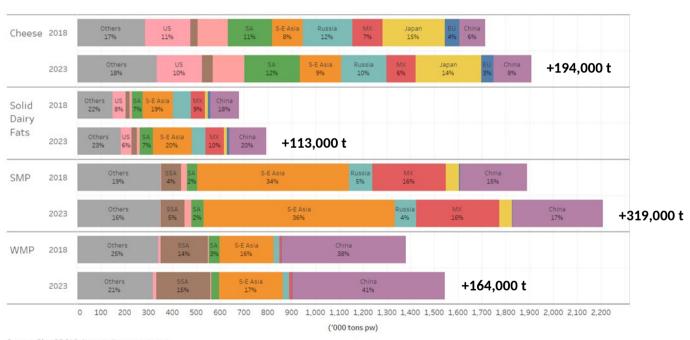




# **Commodity Imports: Continued Growth**Still a lot of cheese and SMP will continue to be imported



#### Dairy Imports by Commodity and by Country (Excl. IN), 2018-2023



Source: Gira GDC18. Note: India was excluded.



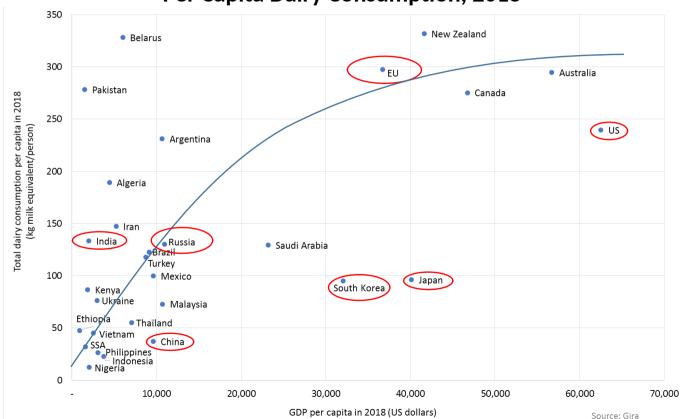
### What about dairy consumption?

#### **Per Capita Dairy Consumption**

Russia still got some potential for growth!



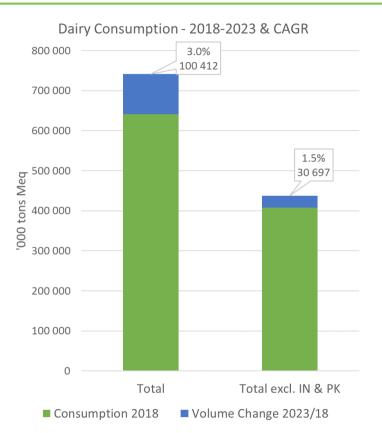
#### Per Capita Dairy Consumption, 2018



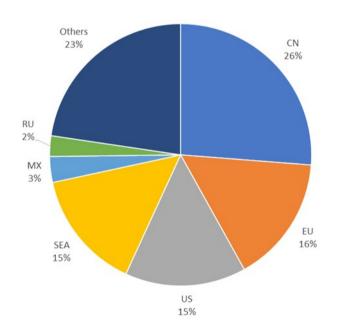
#### **Dairy Consumption Change 2018-2023**

CAGR 18/23: +3.0%





Contributions of GDC Countries to Consumption Change Between 2018 & 2023 (excl.IN & PK)



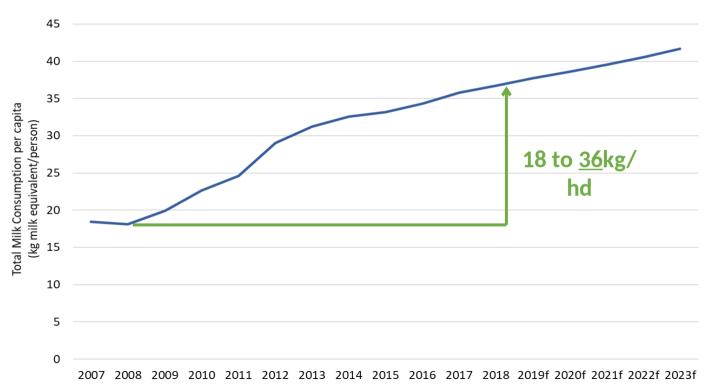
Source: GDC 18

#### **Chinese Per Capita Dairy Consumption**





#### China total dairy consumption per capita between 2007 and 2023



Source: GIRA GDC



### The Impact of Chinese Demand

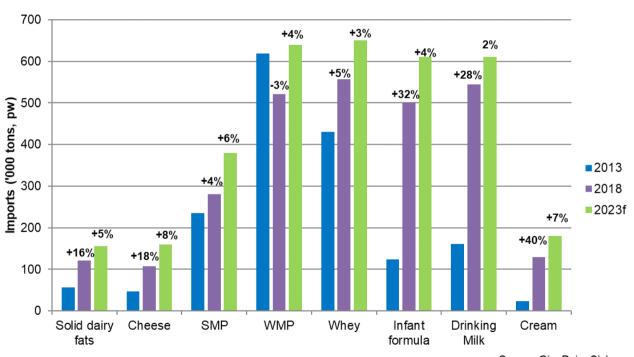
Unstoppable consumption growth ... and imports

#### **Dairy Imports**

#### Dairy fats and cheese have higher growth rates from lower bases



#### **Chinese Imports of Dairy Products, 2013-2023f**



Source: Gira Dairy Club

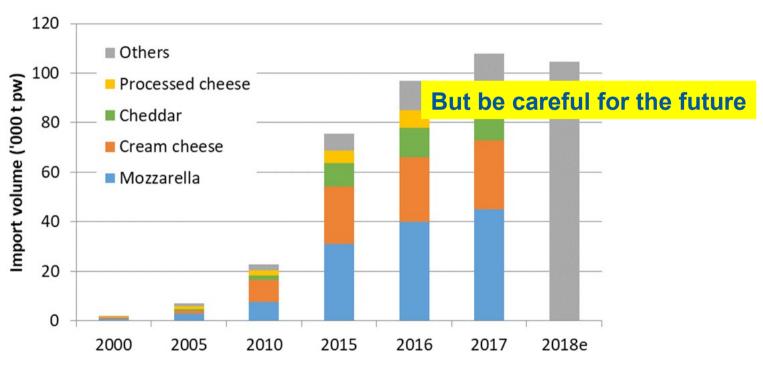
WMP & SMP imports are expected to grow steadily

#### **China Cheese imports**





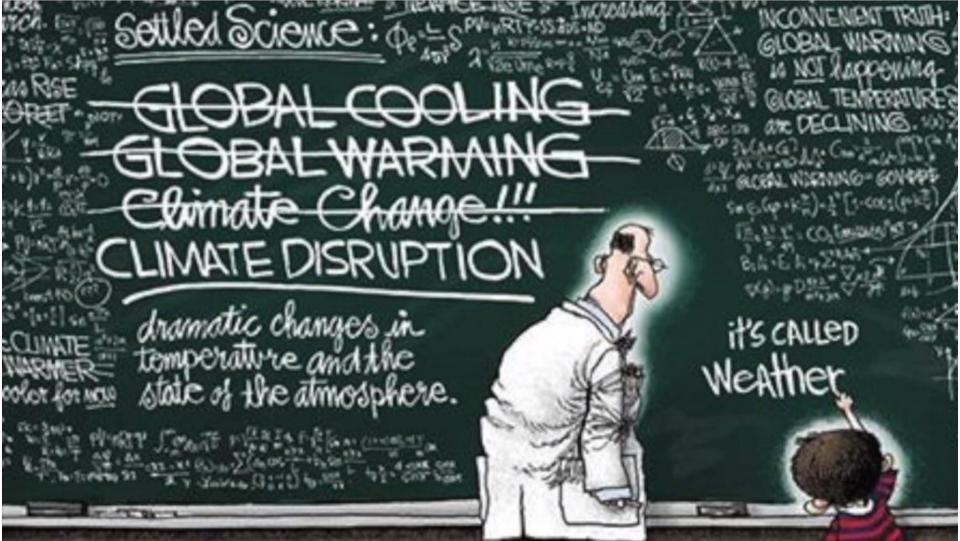
#### **Estimation of Cheese Imports by types**



Source: Gira based on trade interviews



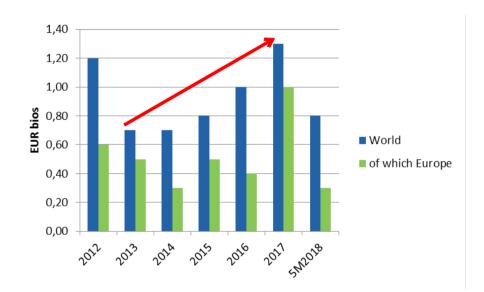
### Some key trends for dairy for the future



# **Investments in cheese are accelerating: more & more cheese**Mainly in the US/EU but also some large projects in **Russia**



#### Investments\* in Cheese 2012-2018



- USA: Glanbia plc, DFA and Select Milk Producers plan to build a cheese plant with 135 000 t capacity in Michigan.
- US: Agropur has invested EUR 170 mios in its Lake Norden (South Dakota) mozzarella plant. Capacity = 4 mios l processed per day.
- EU: 2 new mozzarella plant in ROI for Glanbia
- Russia: Eko-Niva after a first plant in Voronezh is starting to build a large plant in Novosibirsk (EUR 240 mios).

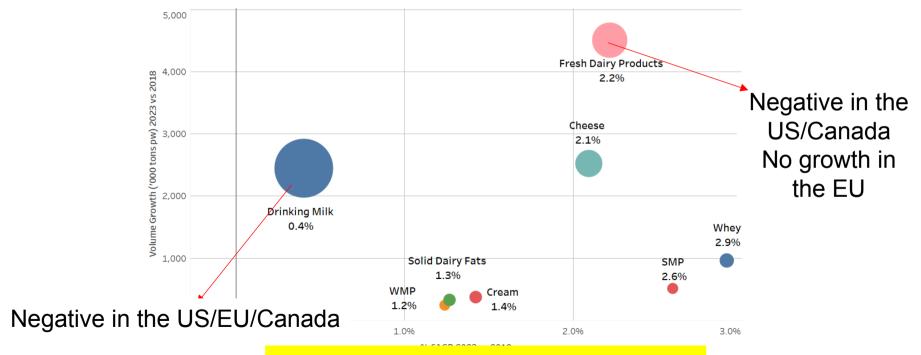
Source: Gira based on Cniel

<sup>\*</sup> Investments and Are we going to produce too much cheese/mozzarella?

## **Consumption Growth: Some key challenges in 2 major categories**Are we going to have too much milk in the future?



#### Consumption Growth in GDC countries (excl. IN& PK) 2023 vs 2018



Source: Gira GDC18
Notes: 1.The size of the squares

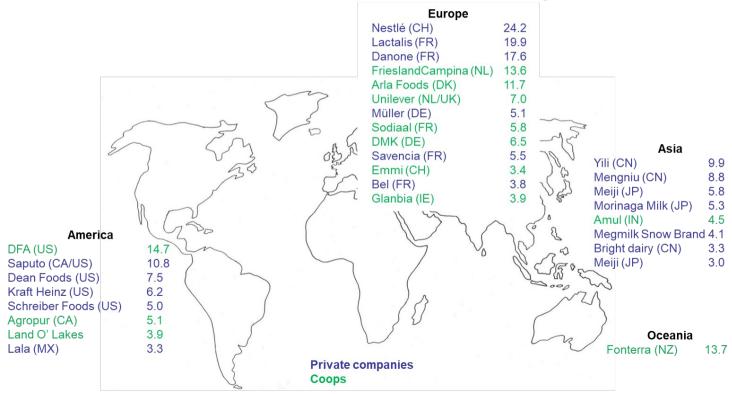
What do we do to change that trend?

#### More and More Mega-dairies



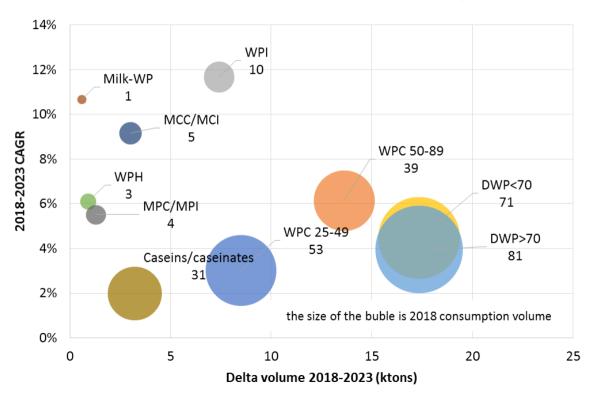


In 1996, 11 groups had a turnover > USD 3 bios, mostly EU. In 2018 there were around 30 with sales > UDS 3 bios, spread all over the world



# Adding value to the whey is crucial for your balance sheet Demand for added value technical dairy ingredients will continue to grow Gira

#### Chinese consumption of technical dairy ingredients



#### **Politics, Economics and Food Make Uncomfortable Bedfellows**

Agility and flexibility will be the key to success



2014

2015

2016

2017

2018

2019...





The China **Powders Roller-Coaster** 





**President Trump** Show... **NAFTA** 



The BREXIT day of reckoning



**China-US Trade** War

#### **Not to forget Brexit**







### So What Might it all Mean?

#### What we might most usefully bear in mind



- Milk production will continue to grow (but at a lower rate) in the traditional exporting countries.
  - However, it will never coincide exactly with demand growth. Price volatility will continue
- Russia will continue to produce more milk in the future
  - What about export?
- More trade challenge in the future with potential impact on dairy markets
- China will become more and more the engine of the growing dairy world, but the EU and the US will also continue to contribute to the growth
  - What China really needs in terms of dairy products?
  - What Russia will be able to offer?
- Cheese will continue to attract more milk but for which kind of "cheese" and for which markets?
  - More and more to food service and industry
  - Adding value to the whey will become even more crucial
- The concentration of the dairy sector will continue: less but bigger companies
- Ensuring it adds maximum value to each litre of milk can only increase in importance for every dairy.
  - Margins are decreasing for the whole sector and not only for dairy coops



### THANK YOU

