

SESSION ONE: FEEDING OUR EVOLVING WORLD

Round Table Meeting June 2023

Please remember to follow Chatham House Rule.





Martha King

Vice President, Programs and Projects
Farm Foundation



SESSION ONE: FEEDING OUR EVOLVING WORLD

Round Table Meeting June 2023

Remember: Round Table Follows Chatham House Rule





Moderator Lisa Moon

President & CEO
The Global FoodBanking Network





Mary Ledman
Global Dairy Strategist
Rabobank



Cyrille Filott
Global Strategist
Consumer Foods,
Packaging & Logistics
Rabobank



Garth Boyd
Partner
The Context Network



Roger Thurow
Senior Fellow
Global Food and Agriculture
Chicago Council on Global
Affairs



Mary Ledman

**Global Dairy Strategist
Rabobank**

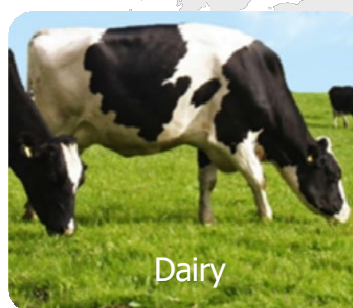
Rabobank is a leading bank in the global food sector

Mission: Growing a better world together

Among Top 50 banks globally
€632bn
balance sheet total, active in 36 countries

Ratings:
Moody's: Aa2
S&P: A+
Fitch: A+

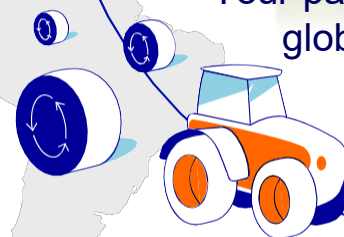
Sustainalytics ESG Risk Rating:
#1
Out of 390 diversified banks



Your partner at the heart of the
global F&A ecosystem

€105bn

Lending to Food & Agri



90+

Food & Agribusiness
Research analysts

Banking since 1895

Advisory & Investments

Core Lending

Structured Lending

Markets

RaboResearch Coverage



Steve Nicholson
G&O, Farm Inputs,
Crop Protection
Fertilizers



Cindy van Rijswijk
Fresh Produce Farm
Inputs, Seeds Ag
Technology




Justin Sherrard
Animal Protein



Mary Ledman
Dairy



Cyrille Filott
Consumer Foods
Packaging and
Logistics



Stephen Rannekleiv
Beverages



Marjan van Riel
Climate & Food
transition

Crop based Cluster

Animal Protein Cluster

Downstream Cluster

Food System Transition

- Fertilisers
- Ag tech
- Crop protection
- Seeds
- G & O
- Fresh Produce
- Sugar


- Animal Protein
- Dairy
- Animal Feed, Health, Genetics & Husbandry equipment

- Beverages
- Consumer Foods
- Packaging
- Logistics

- Climate change Adaptation & Mitigation
- Food system transition



Justin van der Sluis
Head of RaboResearch F&A
Global



Dirk Jan Kennes
Head of RaboResearch F&A
Asia



Andy Duff
Head of RaboResearch F&A
South America & Sugar



Stefan Vogel
Head of RaboResearch F&A
Australia & New Zealand



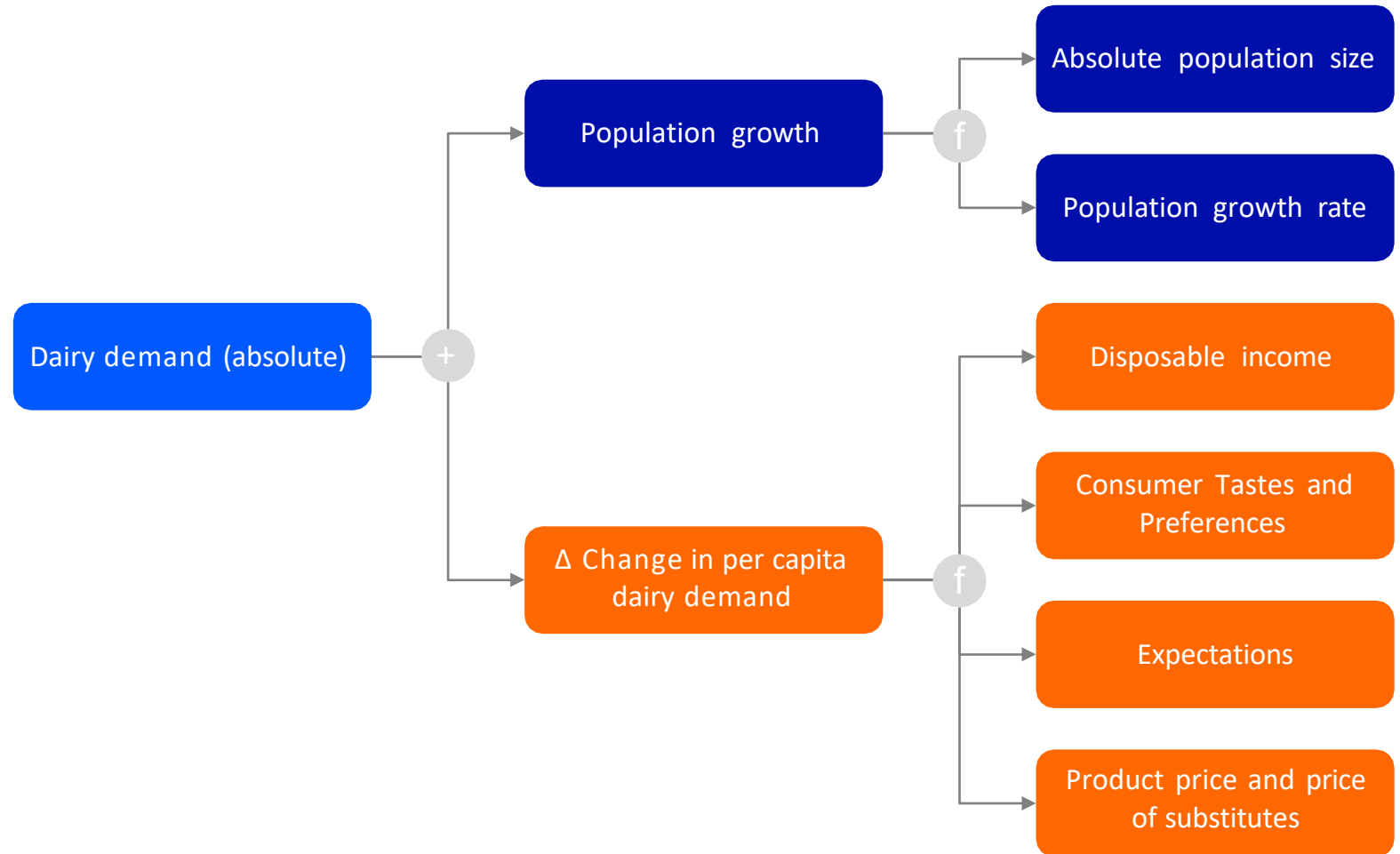
Roland Fumasi
Head of RaboResearch F&A
North America



Cindy Koolhout
Head of RaboResearch F&A
Europe & Africa

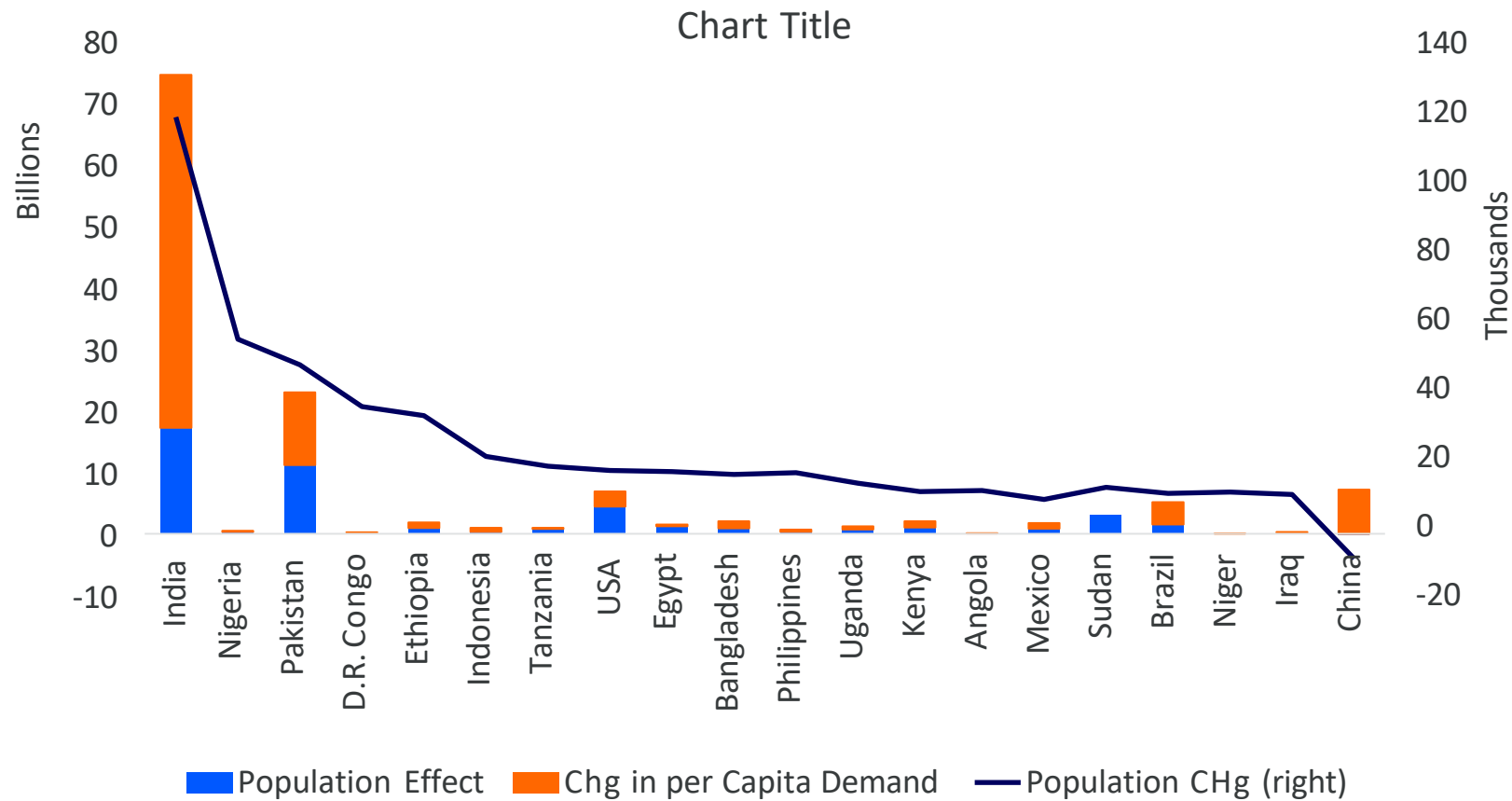
Changing demographics will impact dairy demand

1. The most significant driver of greater dairy consumption is population and income growth in developing countries, especially those with a dairy-consumption culture and regions with government-supported dairy consumption programs. For example, but not limited to, India, Pakistan, China, Brazil, Mexico
2. Followed by maintaining existing high per capita consumption of dairy in populous developed countries/regions: Europe/US



How does an additional 705 million people impact the sector?

Growth in dairy consumption from 2020 to 2030 due to population growth and change in per capita dairy demand

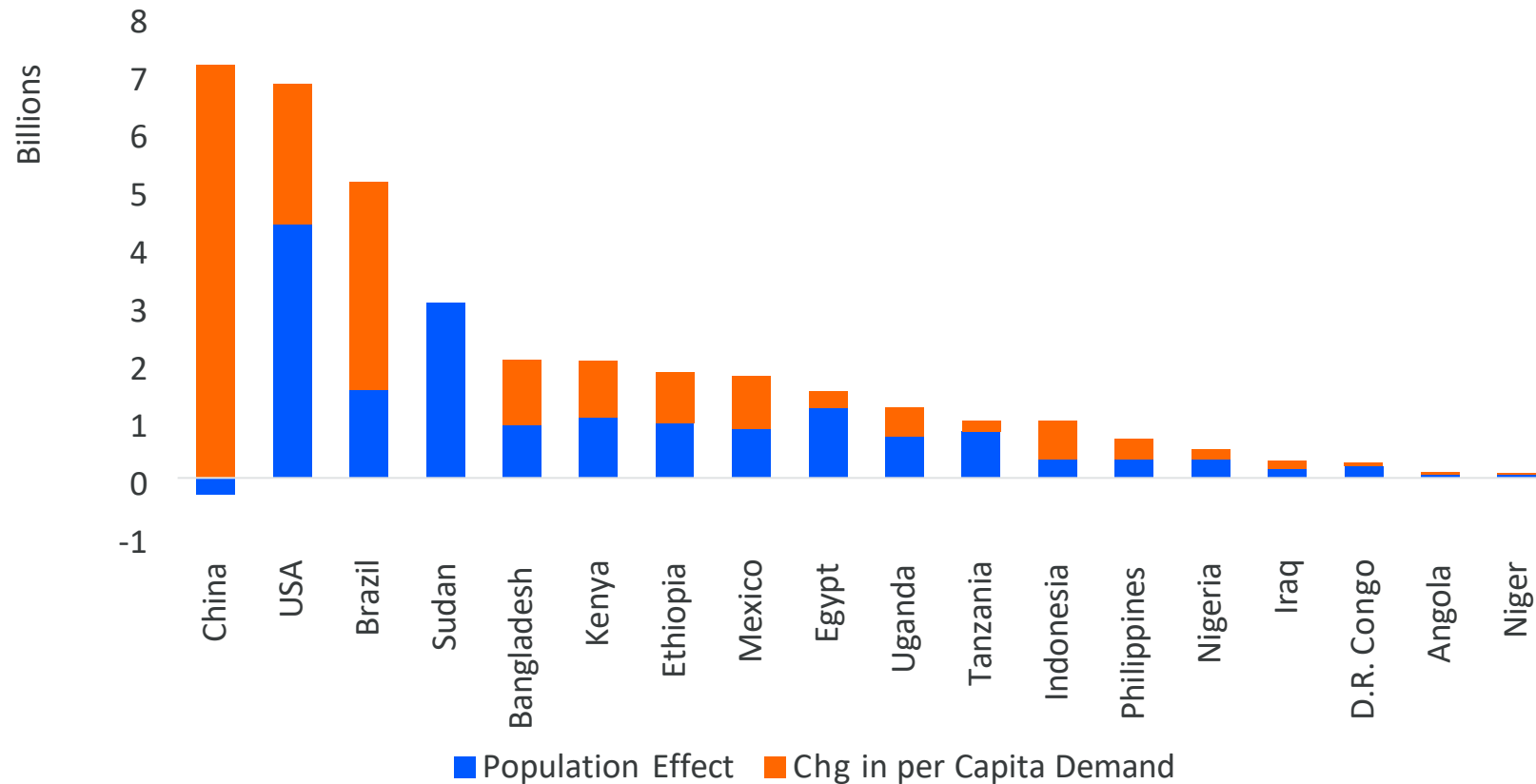


Population growth

- The UN's latest forecast indicates a population growth of 705 million people from 2020 to 2030.
- Over 50% of the population growth will occur in Africa, followed by India +17%, Pakistan +6.6%, Indonesia +2.9%, the Philippines and Bangladesh +2.4%, and the US +2.3%.
- The top 20 countries in population growth account for about two-thirds of the world population growth, driving a 2.5% CAGR in dairy demand.
- It's noteworthy that China's population is forecast to decline by 9.3 million during this decade.

Sans India and Pakistan, these are the top growth markets

Forecast growth in dairy demand, 2020 to 2030



Market Opportunities

- These markets represent the largest volume growth in dairy demand based on population and per capita consumption (PCC) growth
- Despite the forecasted 9.3-million-person decrease in China's population, the remaining 1.4 billion people are expected to increase dairy consumption by 1.6%.
- In contrast, the US demand growth is driven by 0.5% increase in population and 0.25% gain in PCC – due to existing high PCC

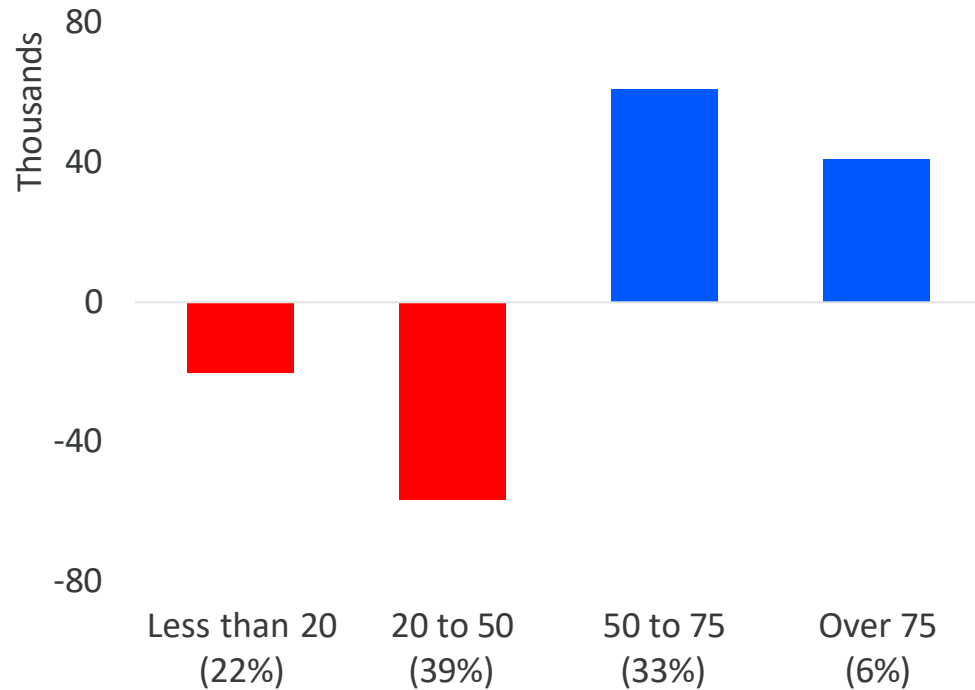
Note: Sudan is primarily an informal market.

Source: UN Population Estimates, OECD, IFCN, RaboResearch, 2023.

China: declining and growing older

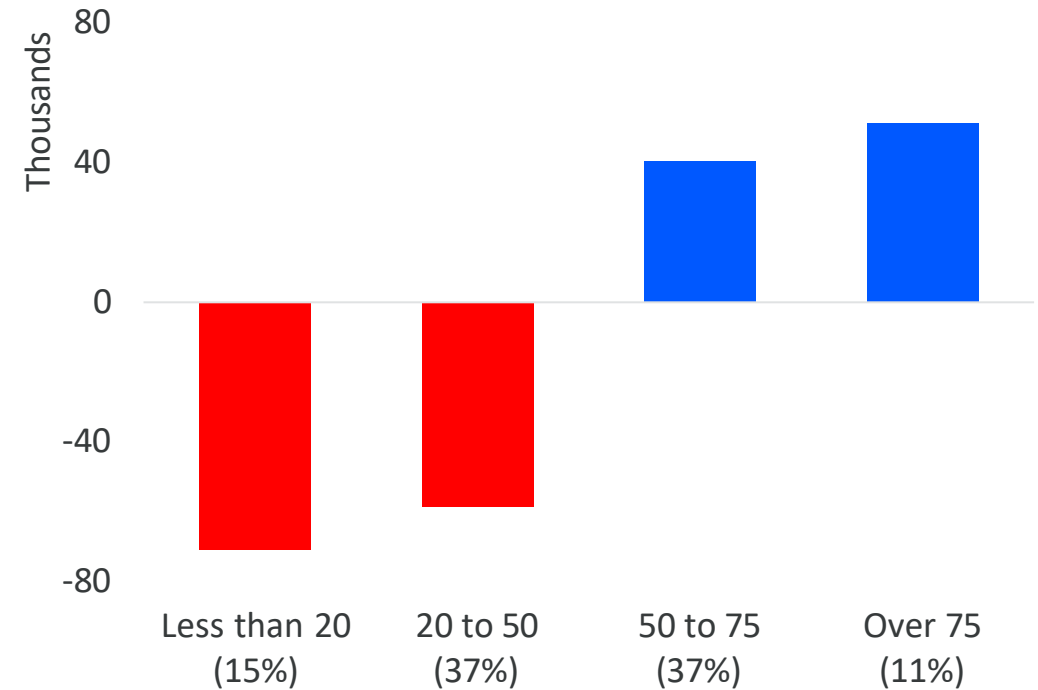
Change in demographics 2030 v. 2020

China: Population declines by 9.3m to 1.42b



Change in demographics 2040 v. 2030

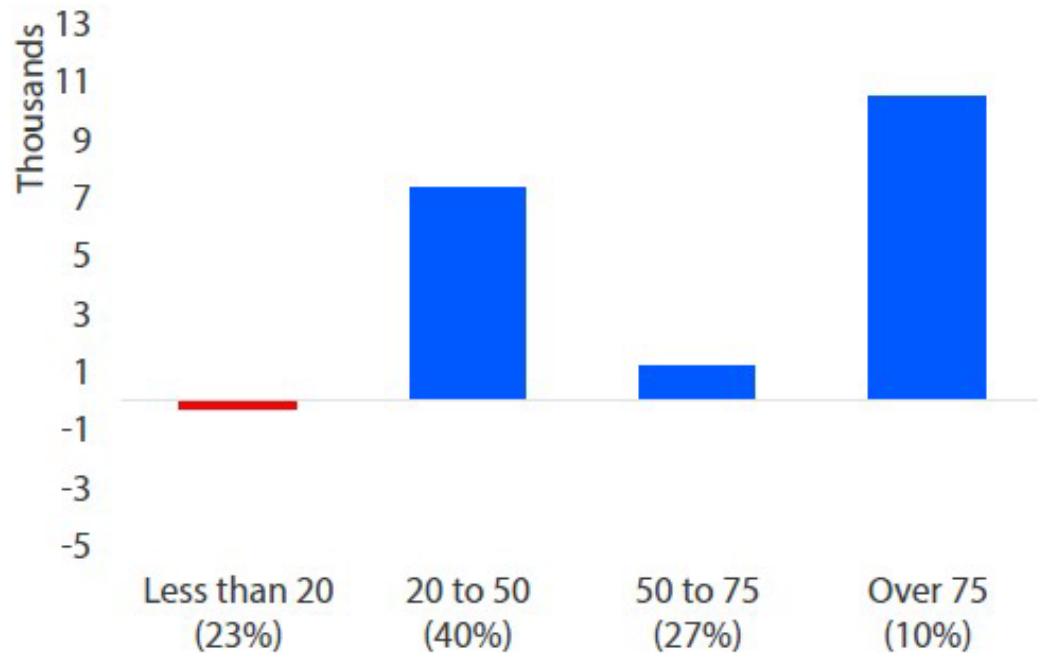
China: Population declines by 38m to 1.38b



United States: growing and aging

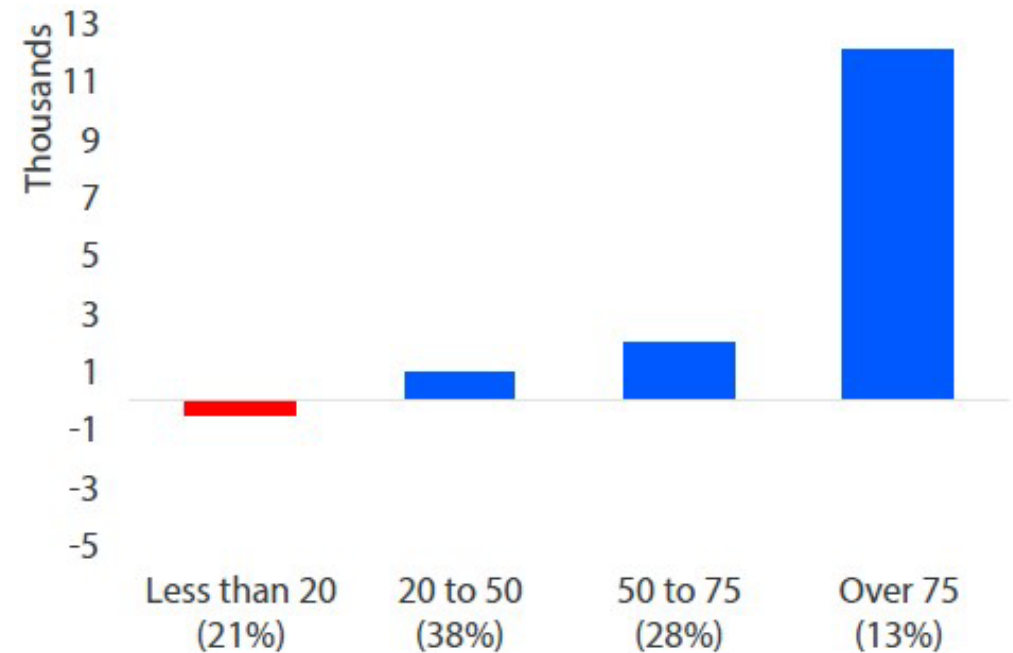
Change in demographics 2030 v. 2020

US: Population growth of +16.2m to 352m



Change in demographics 2040 v. 2030

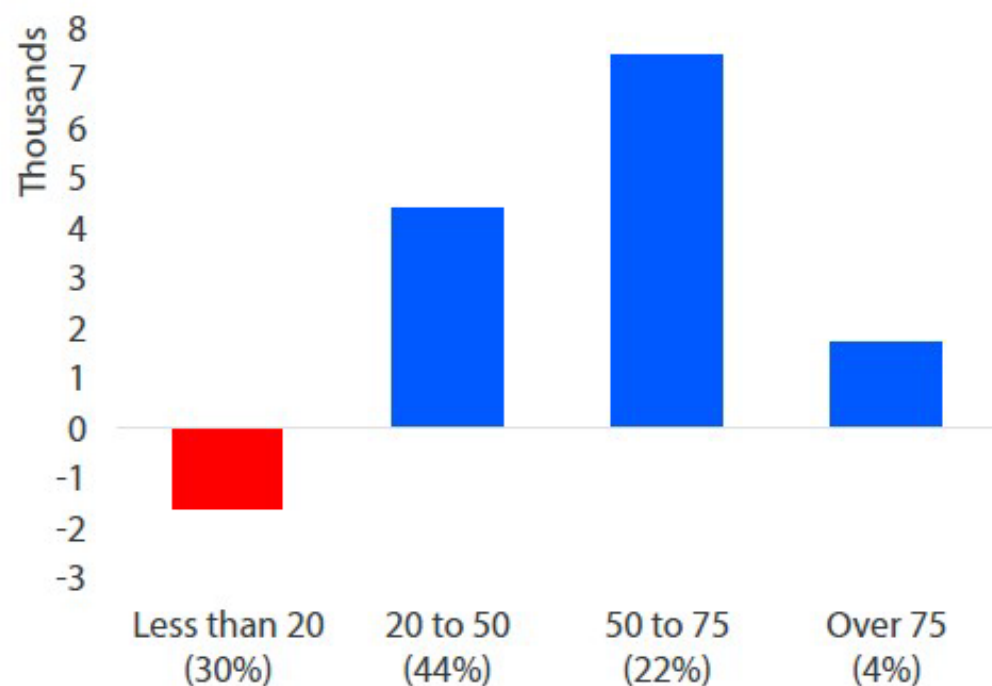
US: Population growth of +14.5m to 367m



Mexico: growing and also growing older

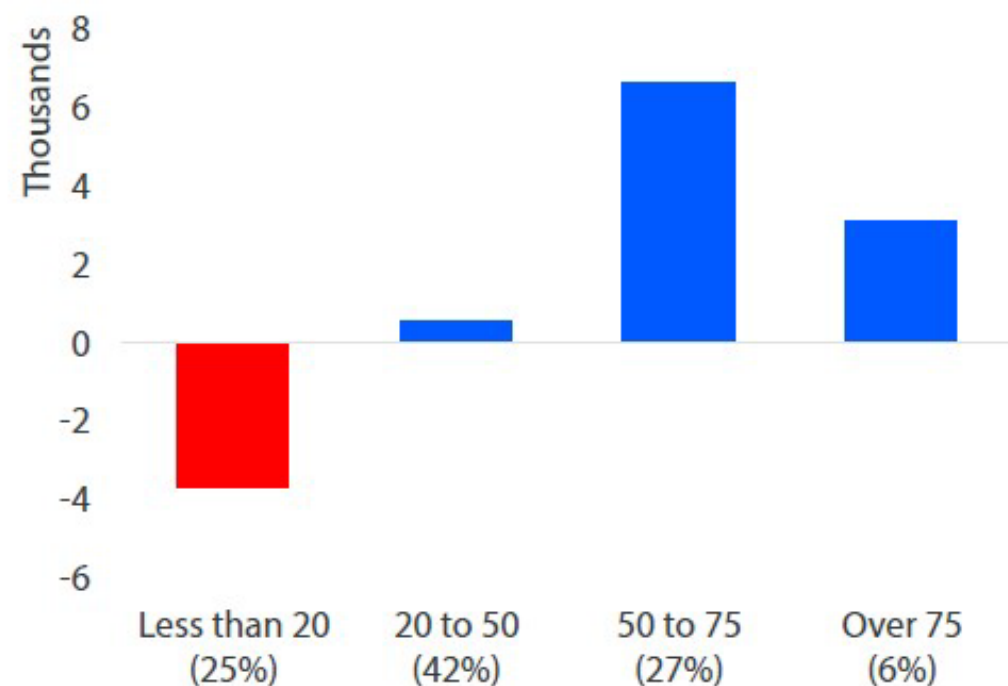
Change in demographics 2030 v. 2020

Mexico: Population growth of 8.5m to 135m



Change in demographics 2040 v. 2030

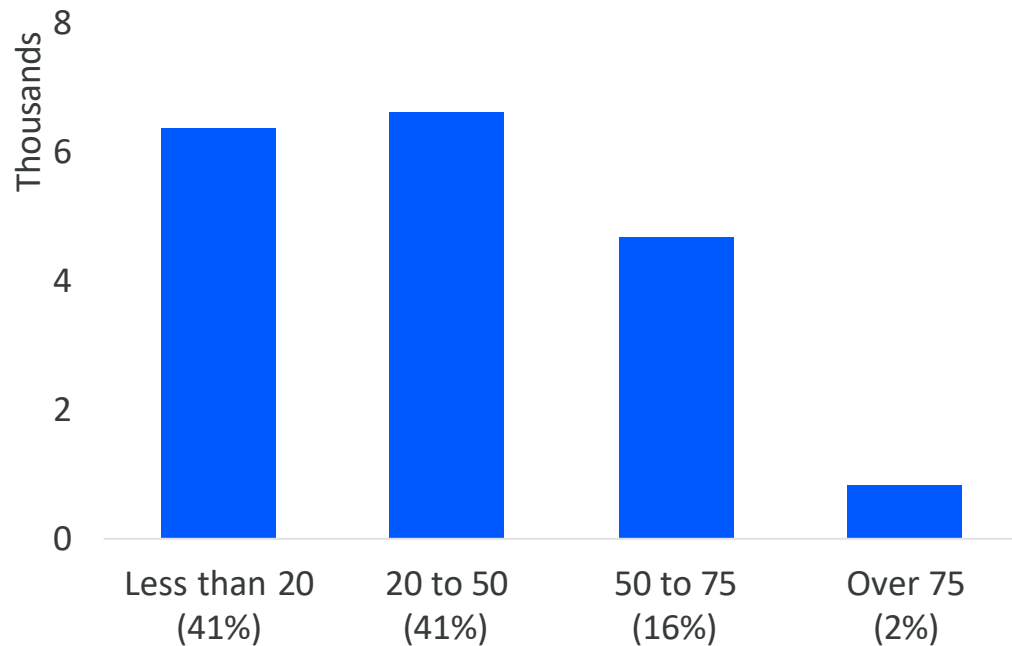
Mexico: Population growth of 6m to 141m



Egypt: Africa the youth of the world...

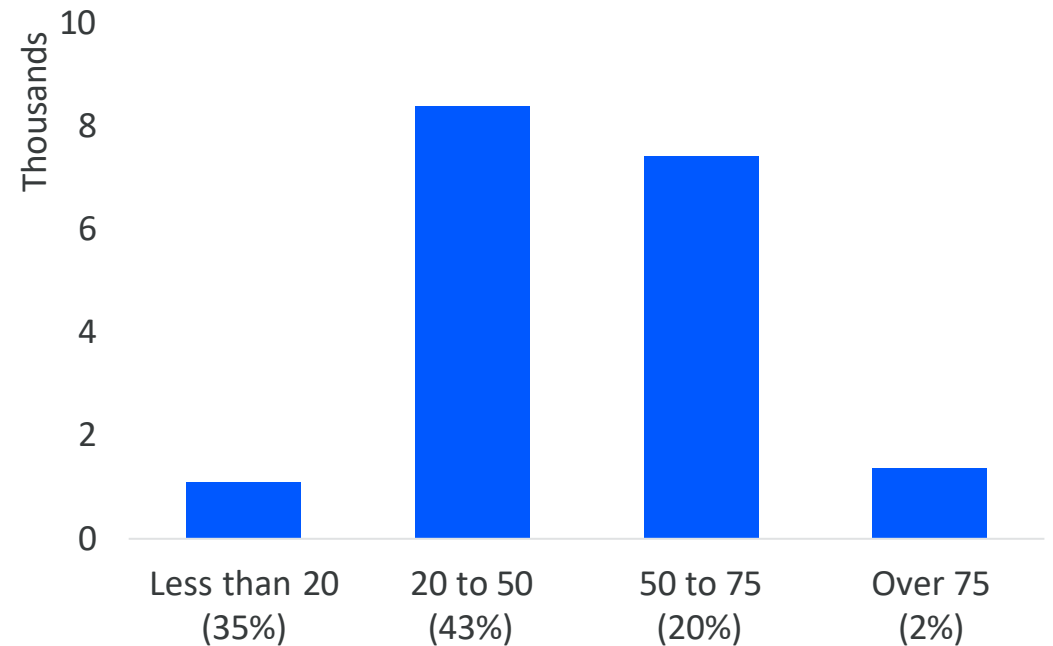
Change in demographics 2030 v. 2020

Egypt: Population growth of 18m to 125m



Change in demographics 2040 v. 2030

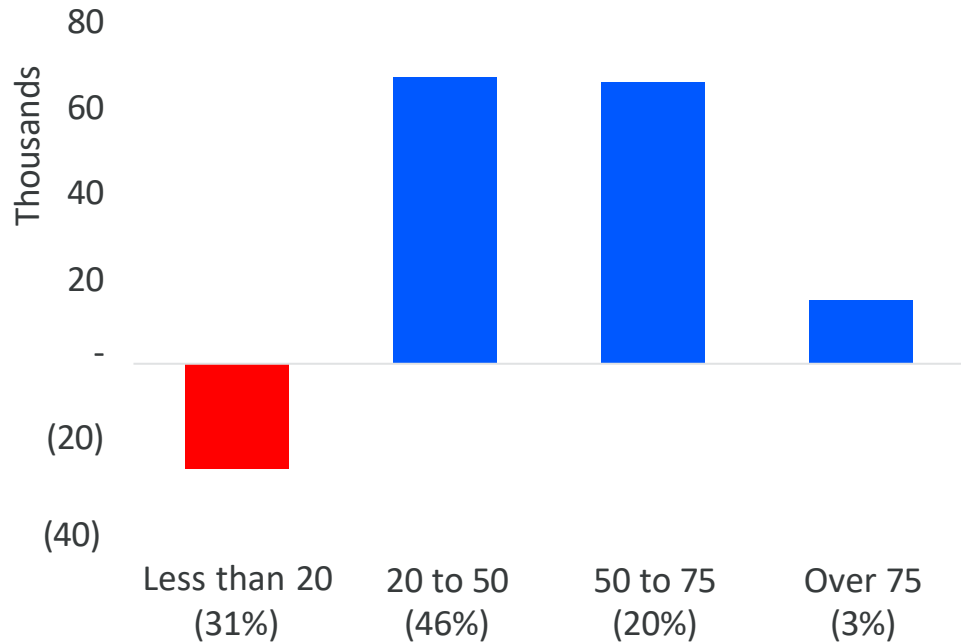
Egypt: Population growth of 18m to 143m



India: growth, aging, and potential market opportunity

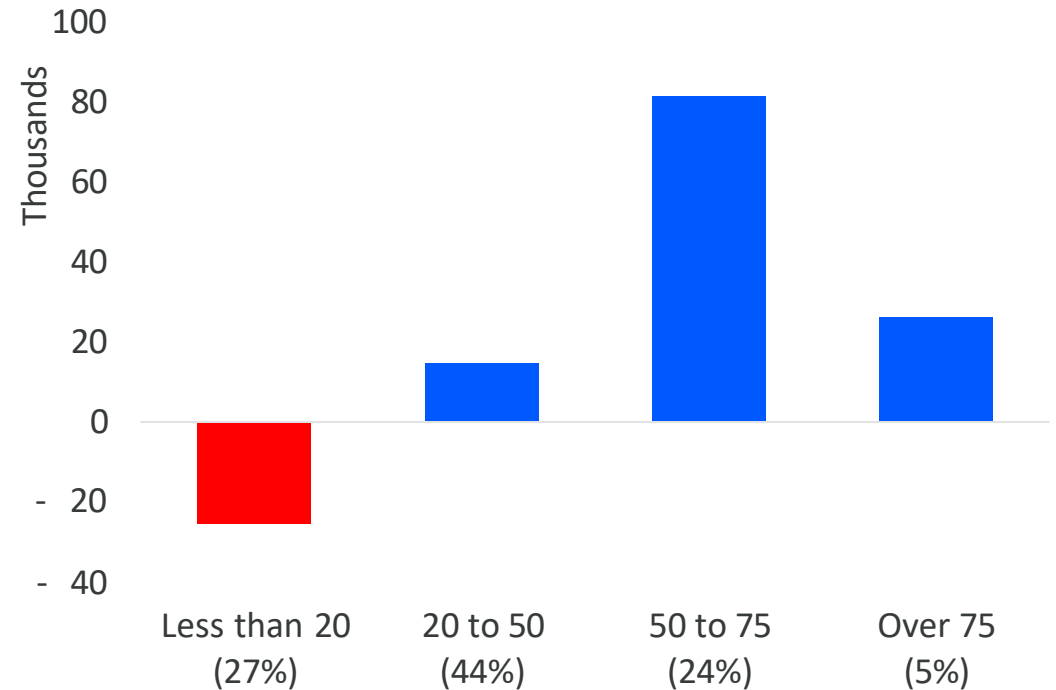
Change in demographics 2030 v. 2020

India: The new leader +119m to 1.5b



Change in demographics 2040 v. 2030

India: Continues to grow +97m to 1.6b



In Summary

- 1** The world is getting older – especially in the develop regions, which will impact what and how much people consume
- 2** India's population continues to grow, peaking at 1.7b in 2060, which presents both risks and opportunities
- 3** Africa dominates population growth, peaking in 2050, which presents food security risks and a labor pool.



Accelerating people & ideas since 1933





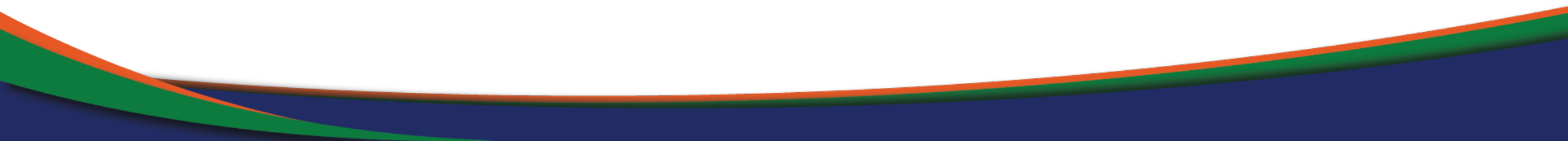
Cyrille Filott

**Global Strategist - Consumer
Foods, Packaging & Logistics
Rabobank**





Accelerating people & ideas since 1933





Garth Boyd

Partner
The Context Network





Accelerating people & ideas since 1933





Roger Thurow

**Senior Fellow, Global Food
and Agriculture
Chicago Council on Global Affairs**





Accelerating people & ideas since 1933



QUESTIONS AND ANSWER

Please submit your questions on the meeting app or use one of the microphones.

- Go to app 
- Go to Your Agenda
- Find The Session
- Q&A Tab



Accelerating people & ideas since 1933

