



"Being Irish, he had an abiding sense of tragedy, which sustained him through temporary periods of joy"

W.B. Yeats

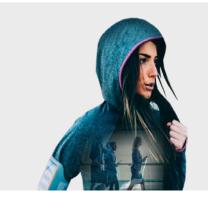


MARKET CAP

€5BN

6,200

32



GLANBIA PERFORMANCE NUTRITION





GLANBIA NUTRITIONALS

NUTRITIONAL & FUNCTIONAL INGREDIENTS SOLUTIONS



DAIRY IRELAND

CONSUMER PRODUCTS & AGRIBUSINESS



JOINT VENTURES & ASSOCIATES

GII, GLANBIA CHEESE, SOUTHWEST CHEESE

#### GLANBIA'S GLOBAL SCALE







Global whey protein nutritional solutions









**6.1**<sub>BN</sub>

Litres of milk processed per annum

## SHINY OBJECT SYNDROME (SOS)







### CONNECTED

#### **Devices**

2003 - 0.08 2020 - 6.58 269bn Apps in 17 UnderArmour 190m users

# LOOKING TORY

How its made? 65% Sourced? 49% Value driven 36% Clean Label 41% Sustainability

## TASTE/ EXPERIENCE

Ethnic foods
Protein drive 2/3
Fat is back
Flavor craze
Occasions
Convenience
Lifestyles

#### DATA

65-68% price 55% on \$30,000 22% buy value add Premium food 9.3% 80% bought in 3mth

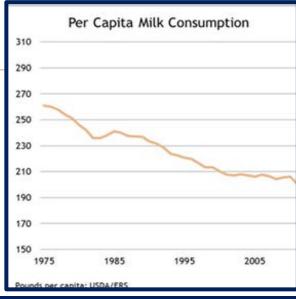
### Population growth by 2030 in the USA

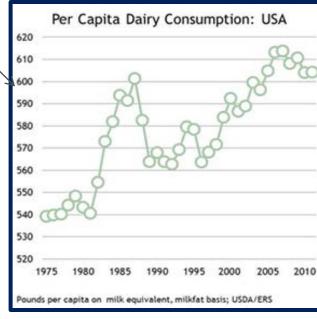
- Hispanic +36% to 77.5m
- Asian +42% to 24m
- African American +13% to 45.1m
- Caucasian +1% to 199m

#### **DAIRY & THE US CONSUMER**

- Fluid Milk In Decline
- but Dairy Consumption Rising
- Strong Categories:
  - Cheese
  - Yoghurt
  - Cottage cheese
- McDonalds a market shifter on butter
- Whey as a functional ingredient

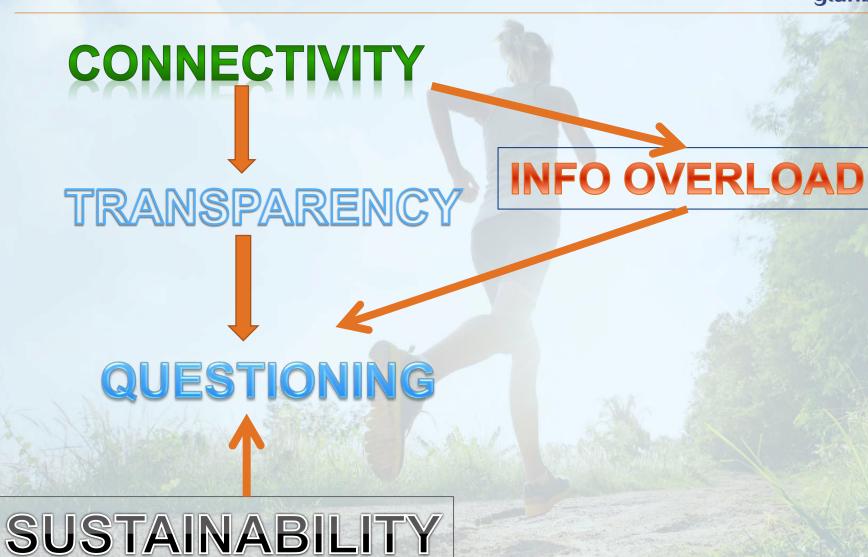






## **RISK**



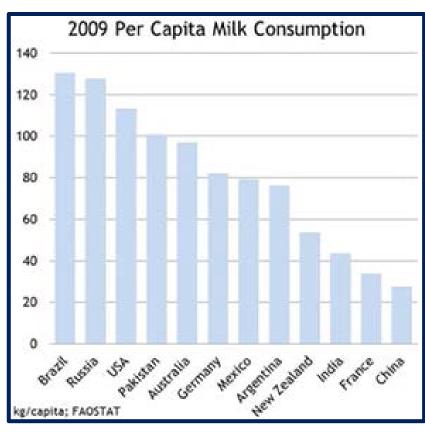


#### THE BIG PICTURE - 9 BILLION IN 2050



- The opportunity Rising middle incomes and protein demand
- Obviously milk consumption will grow first before value products





#### A CHANGING WORLD ORDER



## Emerging markets will dominate the world's top 10 economies in 2050 (GDP at PPPs)

	2016	2050	
China	1	1	China
US	2	2	India
India	3	3	US
Japan	4	4	Indonesia
Germany	5	5	Brazil
Russia	6	6	Russia
Brazil	7	7	Mexico
Indonesia	8	8	Japan
UK	9	9	Germany
France	10	10	UK

E7 economies G7 economies

Sources: IMF for 2016 estimates, PwC analysis for projections to 2050

## Vietnam, the Philippines and Nigeria could make the greatest moves up the rankings



Sources: IMF for 2016 estimates, PwC analysis for projections to 2050

"Failure to engage with these markets means missing out on the bulk of the economic growth we expect to see" PwC



#### The World in 2050: 5 key messages













The world economy



Shifts in global economic power



Drivers of global growth



Policy implications



Business implications

The world
economy could
more than
double in size by
2050, assuming
broadly growthfriendly policies and
no global
catastrophes.

The E7 could account for c.50% of world GDP by 2050, up from 35% today. Emerging economies could be six of the largest seven economies in the world by 2050

Emerging
economies will
drive global
growth.
Vietnam, India and
Bangladesh could
be three of the
fastest growing
larger economies

over this period.

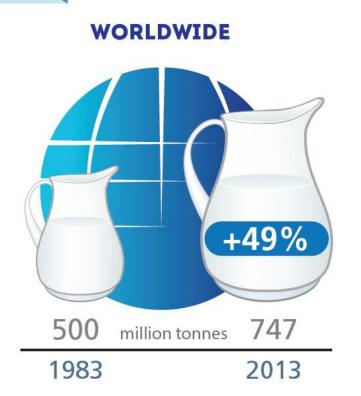
To realise this potential, governments need to implement structural reforms to improve macroeconomic stability, diversify their economies and develop more effective institutions.

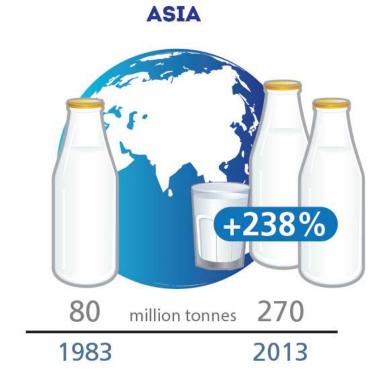
Rising incomes in emerging markets will open up great opportunities for businesses with sufficiently flexible and patient strategies for these fast evolving markets.

## Rising To The Challenge – Milk Production



#### MILK PRODUCTION IN THE LAST THREE DECADES







## GLANBIA SITS AT THE HEART OF POWERFUL CONSUMER MEGATRENDS IN THE FOOD INDUSTRY









HEALTH AND WELLBEING

of consumers globally are willing to pay more for healthier foods

ACTIVE LIFESTYLES

In the U.S.

98 V

people age 6 and older are active to a healthy level

EASY CONVENIENT AND ON-THE-GO

91% of consumers snack at least three times a day CLEAN LABELLING

More than 50%

of US consumers select foods based on the ingredient list and nutritional facts panel

## Influencers of Price Volatility in the dairy industry

EU Skim Milk Powder Prices





**EU Butter Prices** 

LEADERS OF COMPANIES THAT GO FROM GOOD TO GREAT START NOT WITH "WHERE" BUT WITH "WHO." THEY START BY GETTING THE RIGHT PEOPLE ON THE BUS, THE WRONG PEOPLE OFF THE BUS, AND THE RIGHT PEOPLE IN THE RIGHT SEATS. AND THEY STICK WITH THAT DISCIPLINE

Jim Collins
"Good to Great"





# DELIVERING BETTER NUTRITION FOR EVERY STEP OF LIFE'S JOURNEY

