## 2021 Agri-Food Outlook

Patrick Charlton Vice President Alltech Europe







Euroopa Maaelu Arengu Põllumajandusfond: Euroopa investeeringud maapiirkondadesse

## Altech® 2021 GLOBAL FEED SURVEY

10<sup>th</sup> Annual

Featuring data from 142 countries



## **GLOBAL FEED** PRODUCTION

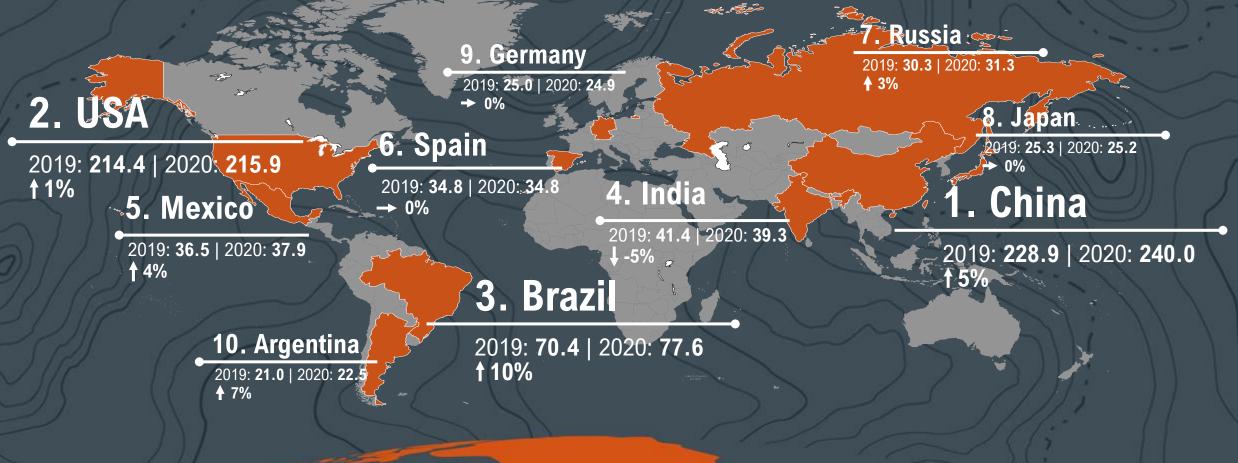
Region	2019	2020	Growth
Africa	43.7	43.0	-2%
Asia-Pacific	427.0	433.9	2%
Europe	264.9	261.7	-1%
Latin America	168.9	176.5	4%
Middle East	25.3	24.8	-2%
North America	236.0	237.2	1%
Oceania	10.5	10.4	-2%
Total	1,176.4	1,187.6	1%

\*Million metric tons

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### **TOP TEN COUNTRIES**



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## BY SPECIES

#### BROILERS 1%

LAYERS -> 0%

#### PIGS 11%

15-10

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DAIRY → 0%

AQUACULTURE 13%

BEEF 11%

**PET 19%** 



## WHAT IS BEHIND THE NUMBERS?



# **5** stories behind the numbers

- 1) China's resurgence
- 2) Shifts in supply chains (Trust-based transactions)
- 3) Rise of e-commerce
- 4) Health as a consumer priority
- 5) The trend of inclusion in business





China has re-emerged as the **world's top feed producer**. Even in the face of disease challenges and lockdown, China's rebound has been faster than expected.

2019: 228.9 | 2020: 240.0 ↑ 5%



## CHANGING GLOBAL SUPPLY CHAINS

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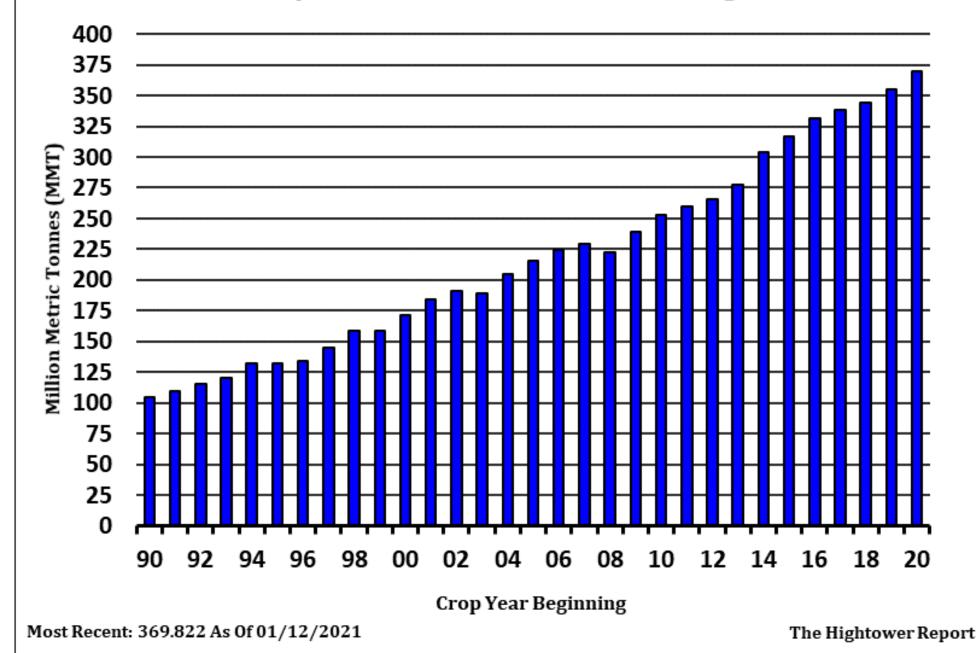
**M**Itech

# **85%** of countries reported that the price of ingredients affected the industry in 2020





#### **World Soybean - Domestic Consumption**



## RISE OF E-COMMERCE

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FEED

#### 77,4% of countries in our Global Feed Survey said COVID moderately or significantly grew e-commerce efforts

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said it did so significantly.



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# **HEALTH** is prioritized





## THE TREND OF INCLUSION IN BUSINESS

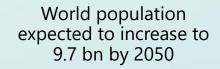


# Looking ahead to a post-Covid world



#### The Opportunity

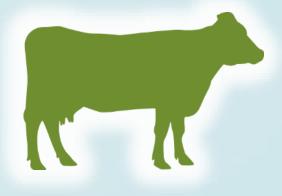




World demand for food increase by 50%

Global milk production set to increase 580 million tonnes to 1,043 million tonnes in 2050







# For the first time in 25 years

Agriculture ranks 1<sup>st</sup> in positive U.S. public perception, according to a recent Gallup poll

Grocery and restaurant industries rank #2 and #3





#### Adapting to a changing Agricultural Landscape



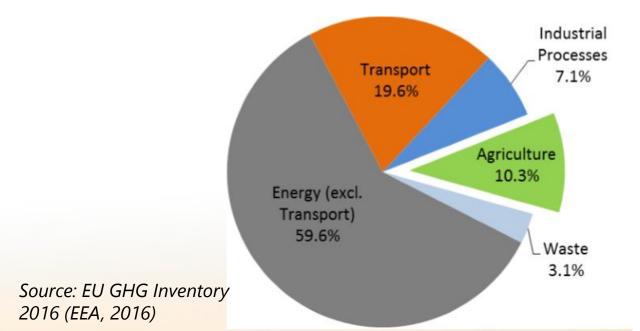
## The amount of data on the planet is set to grow **10-fold in the next six** years from around 4.4 zettabytes to 44ZB

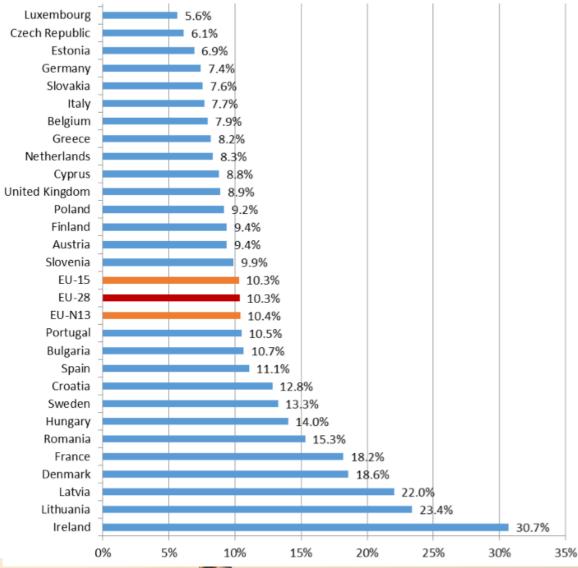
## 'Smart farming' is not a substitute or a replacement for the farmer and his team.

But it can provide information and knowledge into the hands of farmers allowing them to make more effective, efficient and timely decisions

#### AGRICULTURAL EMISSIONS IN THE EU

## How important are agriculture (non-CO2) emissions in the EU?









#### Vision 2026

#### GENETICS

Health + Fertility Milk Solids



#### **HERD PERFORMANCE**

**BCS management** Mineral management Nutrition management





**1.14** kgCO<sub>2</sub>e/ kgFPCM

20% reduction by 2026

**0.92** kgCO<sub>2</sub>e/ kgFPCM



### **A Smart Future:**

The Goal: Good Quality, Nutritious, Affordable Food

with limited waste, maximised productivity & environmental protection

## Working together fora Planet Of Plenty

