

### Four main issues are shaping the outlook



China's impact remain dominant for EU pork, softening demand creates oversupply in Europe

ASF: ongoing challenge in Germany

Cost inflation: Increasing labor, freight, energy and packaging, as well as feed costs pressure margins across the chain

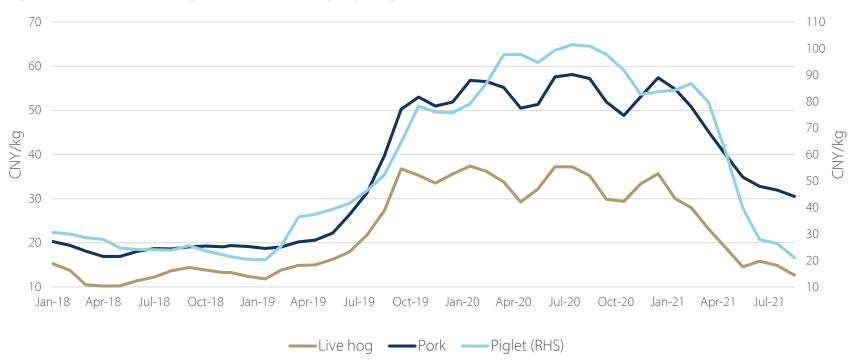
Sustainability as a driver of value-addition in Europe



## Prices in China's pork complex dropped by over 50% in 2021, and have failed to recover



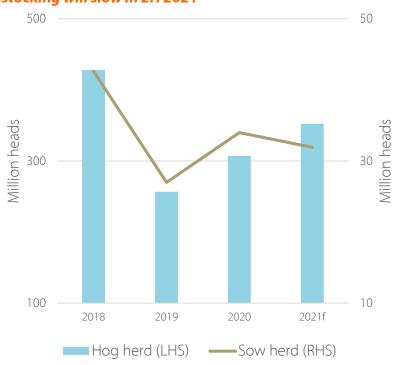
Piglet prices have seen the greatest declines, highlighting the caution that has enveloped the market



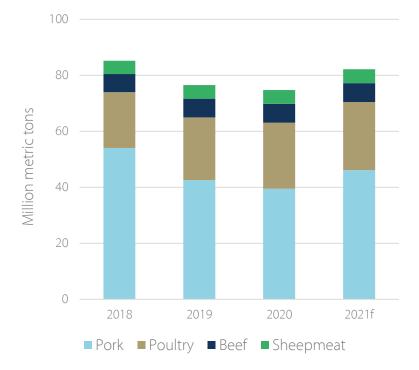
## China's pig herd and pork production are still below pre-ASF levels, but recovering







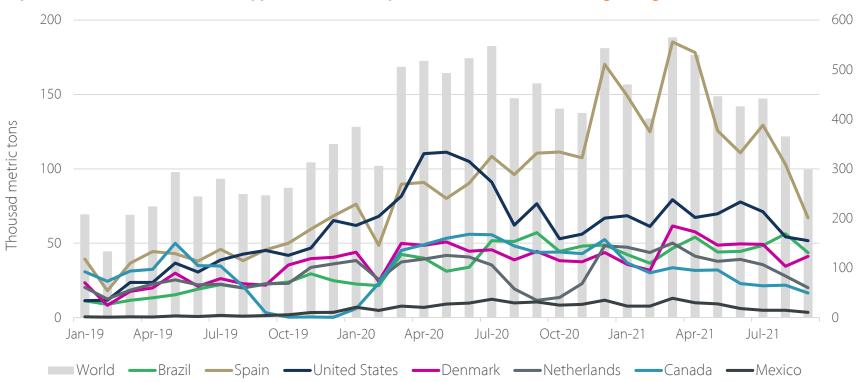
#### Supply deficit of 3 mn tons, compared with a 'normal year'



## China's pork imports have eased, and will remain at lower levels until 2H 2022



Spain has become the dominant supplier to China; competition to access the market is growing

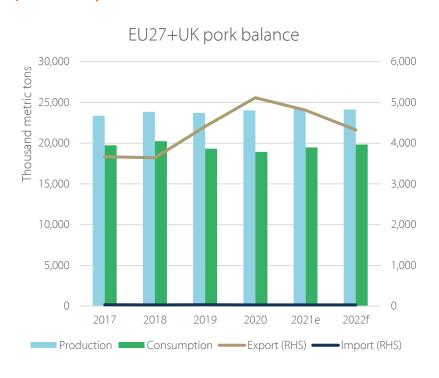




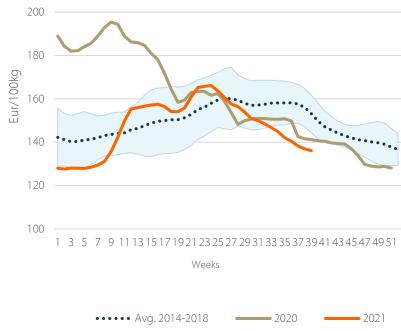
## Oversupply in European market pressures prices



**Exports will likely decline further in 2022** 



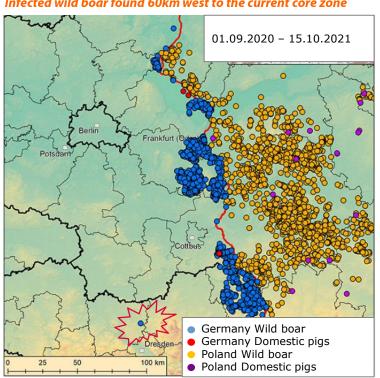
### Pig prices in EU will likely remain under pressure till the market rebalances



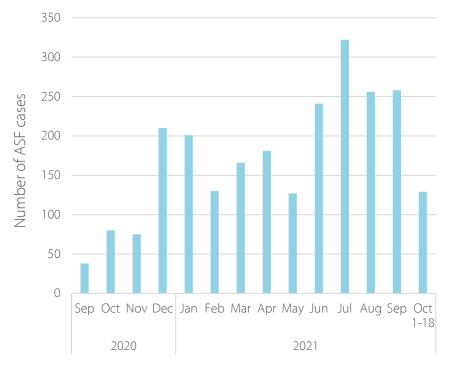
### African Swine Fever (ASF) remains a challenge in Germany, but impact on domestic animals has been limited



#### Infected wild boar found 60km west to the current core zone



#### Number of ASF cases per month is volatile

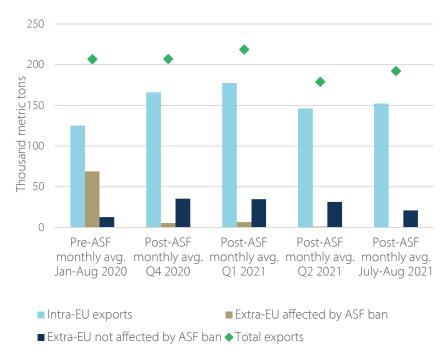


Source: FLI. TDM. Rabobank. 2021

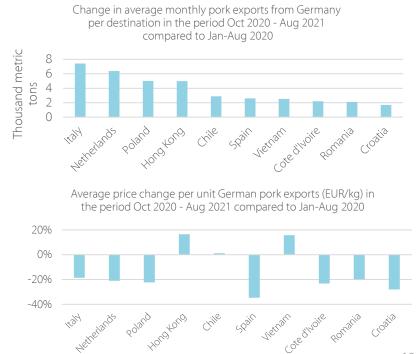
## Germany successfully diverted exports to EU but it came at a cost



Germany was initially successful in diverting exports, but pressure on volumes mounts as China reduces global pork imports



### Volumes to European destinations increased, but average price per unit declined



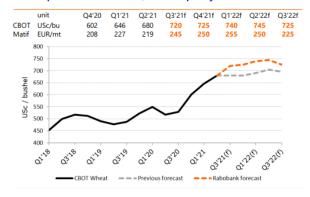
Source: TDM, Rabobank, 2021



## Feed costs remain elevated on continued bullish trend in the agri-commodity market



#### Wheat price forecast raised, on low quality and La Niña risk



#### CBOT Soybeans are seen range-bound



#### CBOT Corn's high price outlook maintained

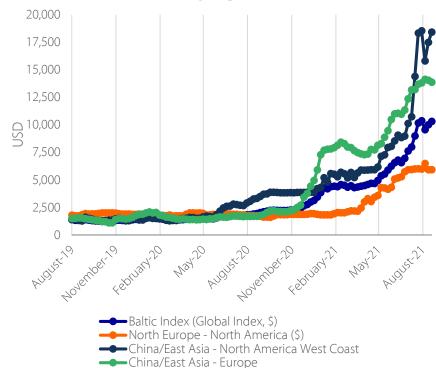


Source: Bloomberg, Rabobank, 2021

### Freight rates at record levels



#### Container rates in major global lines



#### Reefer rates to increase further



## Finding labour becomes more challenging



#### **Dutch employment rate surges**



#### Driver shortages is a pan-European issue



Source: CBS , Macrobond, IRU, Rabobank, 2021

# Sustainability as a driver of innovation and value addition in Europe



## EU Farm-to-Fork highlights major areas to transform in animal production





#### Antibiotic use and animal welfare

- Reduction of overall EU sales of antimicrobials for farmed animals and in aquaculture by 50% by 2030.
- Revision of **AW legislation** (2023).



#### **Environmental sustainability**

- GHG emissions reduction targets expected to increase for Effort Sharing sectors.
- *'Eco-schemes'*: 20% of CAP direct payments expected to be reserved for this.



## Front-of-pack labelling of food products

- 2022:
  - Proposal for a harmonised mandatory front-of-pack nutrition labelling to enable consumers to make health conscious food choices.
  - Proposal to require origin indication for certain products.
- 2024: Proposal for a *sustainable food labelling framework*.

### Sustainability commitments are firming up along the supply chain

Connection to the consumer is paramount for valorising sustainability attributes



#### Input providers

"We believe that by adopting new technologies, improving business practices and embracing innovation, the agri-food sector can support a Planet of Plenty," said Dr. Mark Lyons /\/\ltech







#### AP companies



Danish Crown We are creating a sustainable future for food

Cranswick joins Amazon-led 'net zero by 2040' climate pledge

#### Retail

Morrisons leads green farming revolution with pledge to have first net zero British farms by 2030

Albert Heijn makes its pork range more sustainable in collaboration with Vion and pig farmers



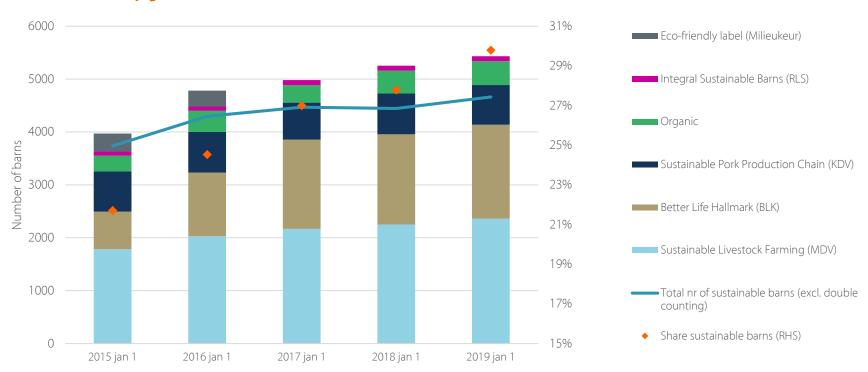
Tesco extends commitment to

prevent Amazon deforestation 29 September 2020

## Sustainable pig production concepts are gaining share in the Netherlands



#### Share of sustainable pig farms increases in NL



## Gradual increase in AW standards is proposed by the German government



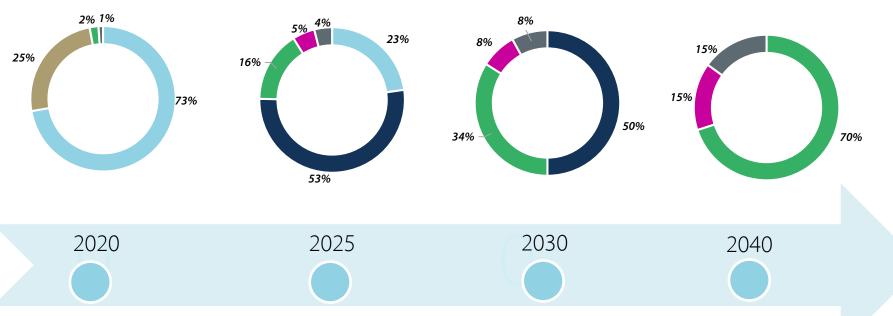


### By 2040 significant change in production standards is envisioned



Market share of pigs according to higher animal-welfare standards set to increase

#### Possible scenario according to the recommendations of Livestock Farming Competence Network



### Front-of-pack labelling initiatives are getting traction

Rabobank

Nutritional value and environmental impact in the focus

Nutri-Score does have an impact on consumers purchasing decisions

Eco-score is being used and piloted in several supermarkets in Belgium, Germany and the Netherlands



45% of those German consumers who looked at the Nutri-Score label on the packaging confirm that the product rating influenced their purchasing decision

Additional criteria **Environmental impacts** Score/100 · Recyclable packaging Production Transport . Labels (bio. fair trade, etc.) · Fabrication of packaging . Country of origin of ingredients Seasonality Bonus/malus (from -15 to +20) Source: analysis of product life cycle Source: information on the product (AGRIBALYSE) label or provided by the food producer





For animal protein, as the processing level increases the Nutri-Score grade generally decreases.

Source: BMEL, Rabobank, 2021

## Alternative protein remains on the menu, but with limited impact on animal protein









Alternative protein is not expected to gain a material share from the European AP complex

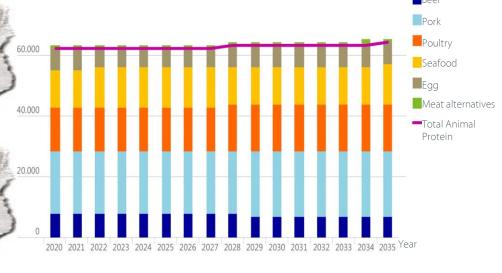
1000 ton carcass weight

80.000

How Plant-Based 'Meat' May Help You and Save the Environment

28 April 2021

Impossible Foods Launches in European Grocery Giant Lidl's U.S. Stores



Source: Nielsen, IRI, Euromonitor, Rabobank, 2021

## 3 areas of action for success in a changing market









Build sustainable trade relationships

Chapter | Name 23



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