



### Today's agenda



investors and credit suppliers steering toward?

Final thoughts

**Positive** perspectives for the global blueberry sector, but some issues need to be tackled



# Blueberries remain an attractive sector, despite challenges that will trigger industry change



Limited and more expensive resources (labour, water, crop protection)

Impact on **demand** 

Impact on **supply** 

Impact on supply chain



Climate change



More impactful regulation, geopolitics



Demographics: ageing population



New technology (AI, robotics)



Purchasing power

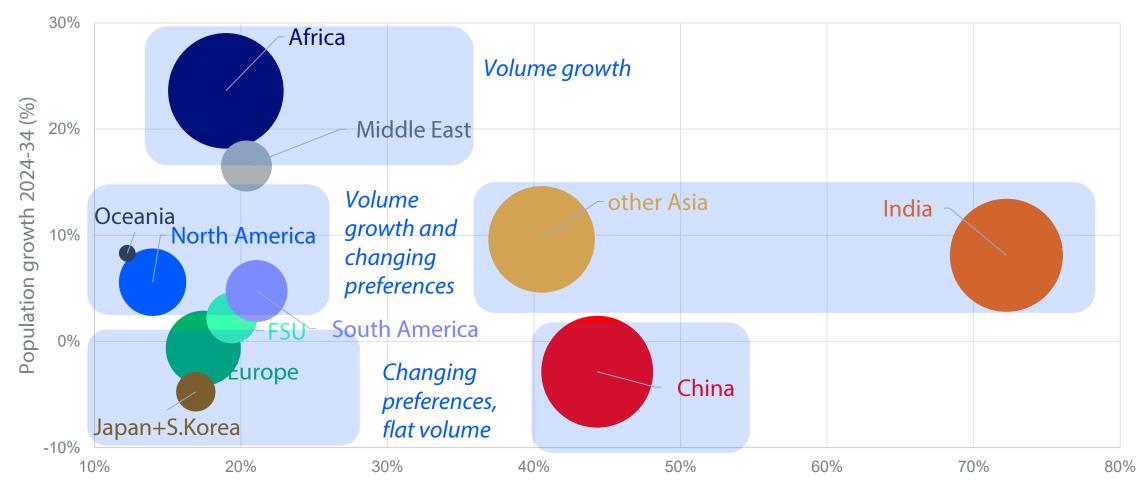
Mature markets:
 changing
 preferences
 rather than
 growing
 volumes,
 benefiting
 blueberries

Developing markets:volume growth

 Costs and risks are increasing in production, logistics

- Shift from opex to capex (due to risk mitigation, technology need)
- Further increase in scale
- Rebalance of power (more upstream)
- Glocalization

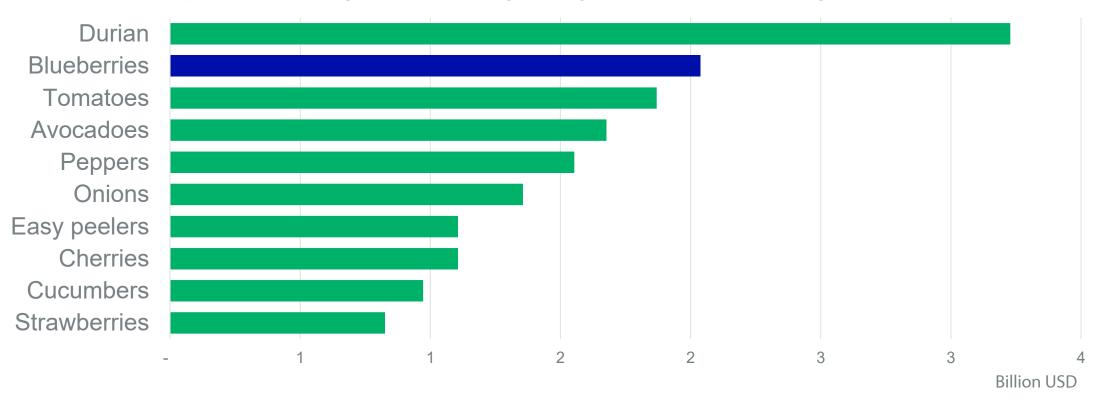
# In large markets, food consumption will rather change than grow, benefiting berries



Per capita income growth, I\$, PPP, constant prices, 2024-34 (%)

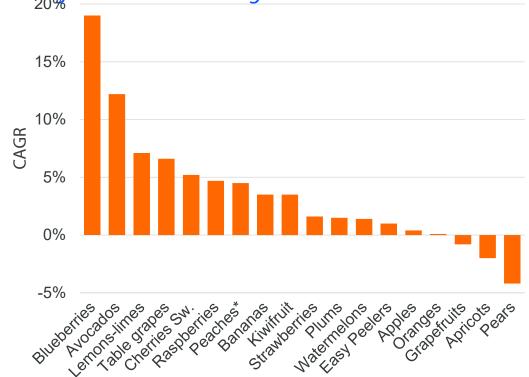
# Globally winning fruit and vegetables? A mix of traditional staples and trendy fruits

Top 10 fruit and vegetables showing the highest last 5Y increase in global trade value



## Berries and tropical fruits have gained market share in both the US and EU

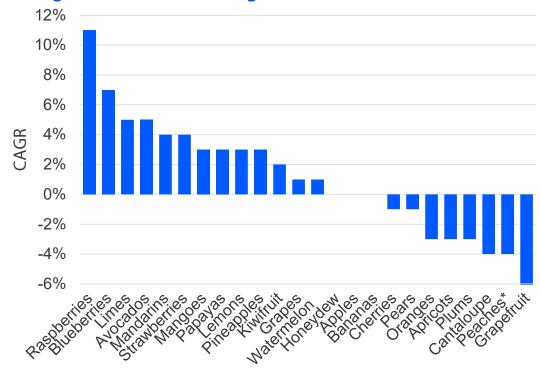
Dynamics in fresh fruit availability in the EU-27, 2021-23 average vs. 2012-14 average



\*Includes nectarines

Source: Eurostat, RaboResearch 2025

Dynamics in fresh fruit availability in the US, 2021-23 average vs. 2012-14 average

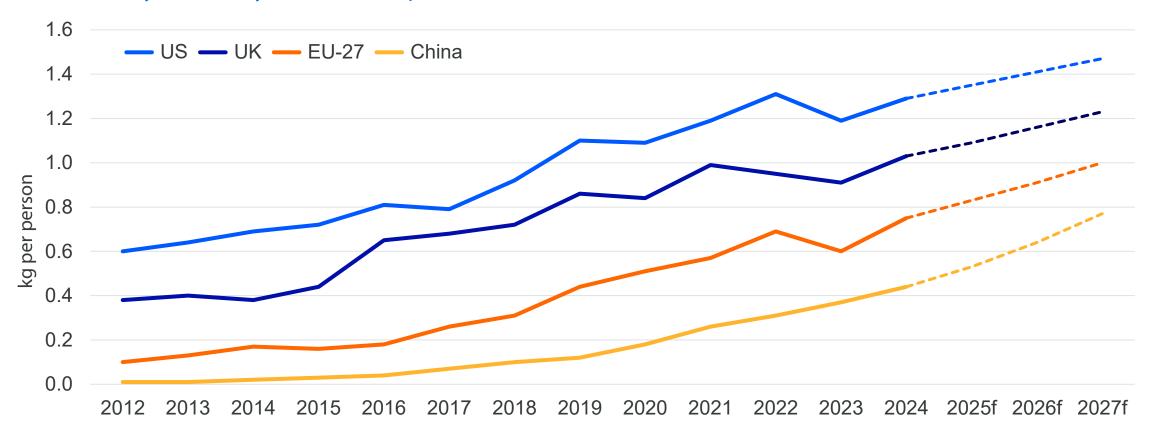


\*Includes nectarines

Source: ERS-USDA, RaboResearch 2025

### Further growth to be expected for blueberries

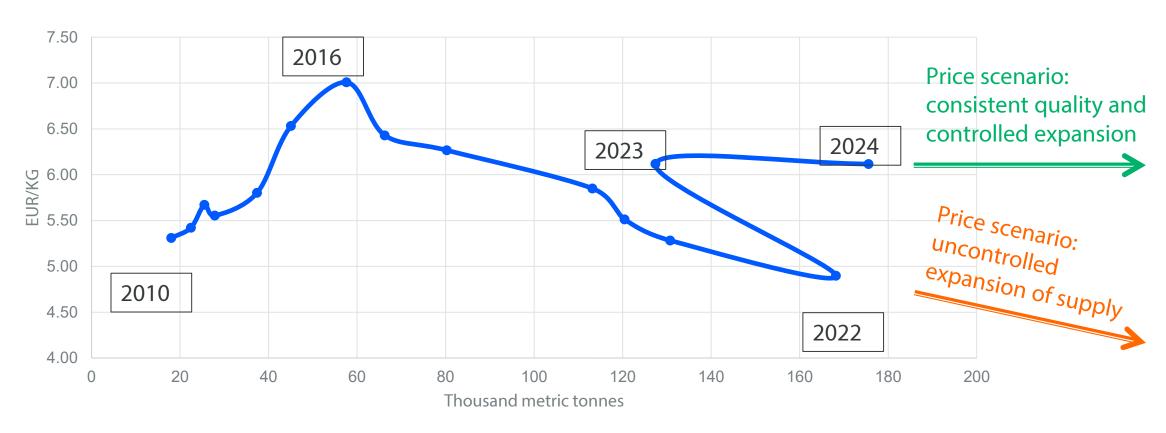
Fresh blueberry availability in the main import markets, 2012-2027f



Source: Trade Map, IBO, FAO, Eurostat, USDA, RaboResearch 2025

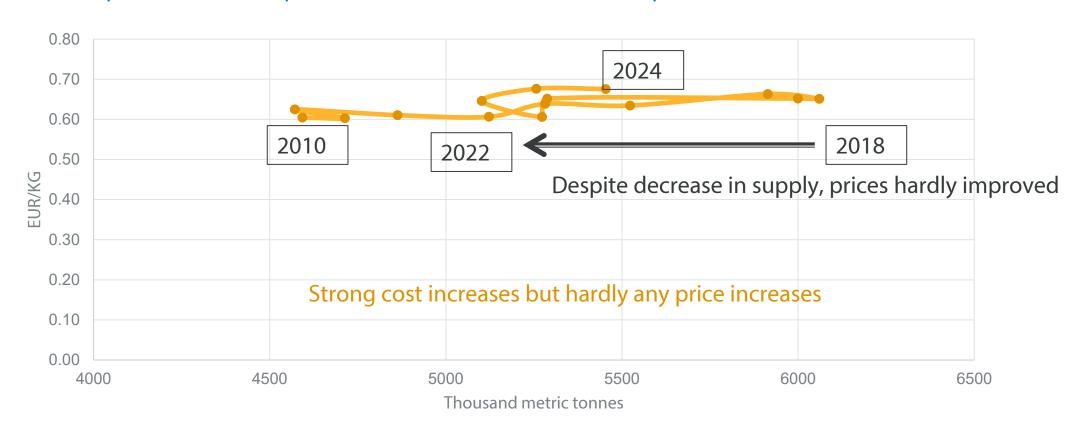
## Strong market is reflected in recent blueberry price levels

Volume imports (X) vs Unit import value (Y) of blueberries in the European Union (27), 2010-2024



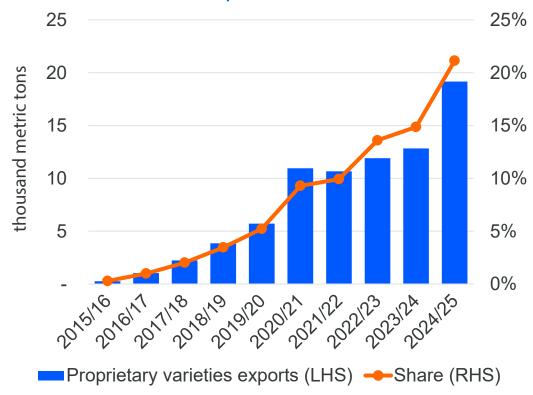
# Efforts are needed to prevent blueberries from becoming the new banana

Volume imports (X) vs Unit import value (Y) of blueberries in the European Union (27), 2010-2024

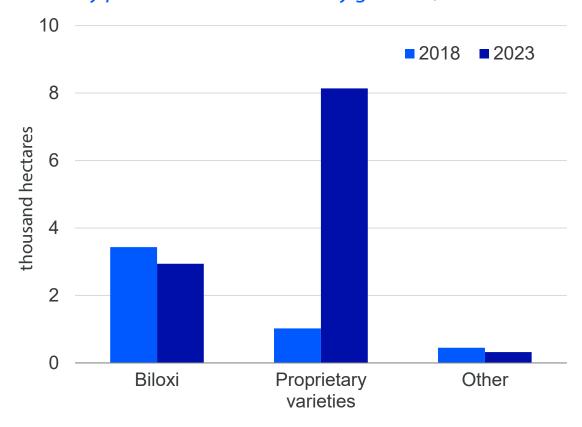


# Variety renewal can further boost consumption and help managing labor costs

Chilean fresh blueberry exports of new proprietary varieties and share of exports.



Blueberry planted area in Mexico by genetics, 2018 vs 2023

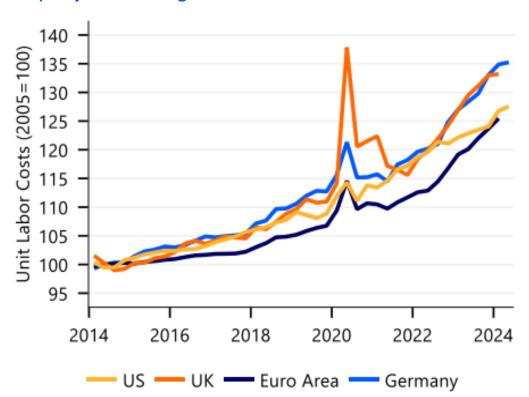


Source: iQonsulting, RaboResearch 2024

Source: Aneberries 2024

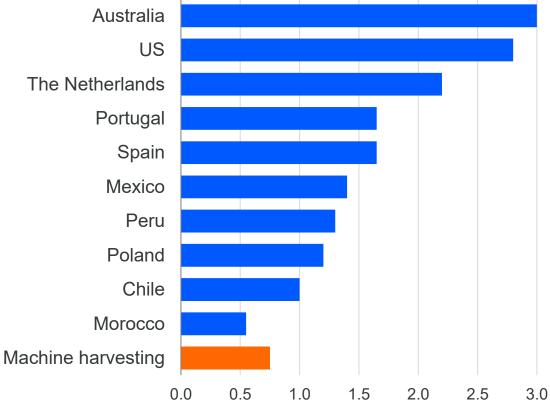
### But labor availability and costs are a key issue in blueberry production

#### Rapidly increasing unit labor costs



Source: Macrobond, RaboResearch 2025

#### *Indicative blueberry harvesting costs (USD/kg)*



Note: Harvest costs can differ widely among growers and according to calculation methods.

Source: RaboResearch 2025

## And beware of reputational risks potentially affecting consumption

Blueberries and bell peppers: six fruits and vegetables with the most pesticide risk

From green beans to kale, here are some foods considered to be healthy yet which test poorly for pesticides





### Indonesians who paid thousands to work on UK farm sacked within weeks



Indonesian workers who paid thousands of pounds to travel to Britain and pick fruit at a farm supplying most big supermarkets have been sent home within weeks...

21 Jul 2024



### Belgians now also becoming ill as a result of eating blueberries from Albert Heijn



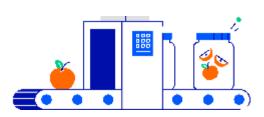
Reports are now also coming in of people in Belgium being infected by hepatitis A after eating blueberries from the Albert Heijn.

4 days ago

## Quality and consistency should remain high on the agenda

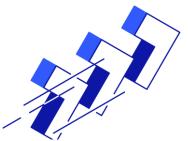
### Factors driving better quality and consistency

- New varieties
- Larger farms
- Technologies for sorting and shelf life



### Factors hampering better quality and consistency

- Emerging origins
- Continuing demand growth
- Increased mechanical harvesting



## These positive perspectives and necessary changes will trigger ongoing investments

#### Agroberries announces full acquisition of BerryWorld

17 September 2024

Deal creates second largest berry company in the world

Driscoll's take significant stake in Costa Group

Driscoll's, alongside a consortium led by Paine Schwartz Partners and includin Columbia Investment Management Corporation, has finalized the...

> Costa Group Becomes Sole Concession Owner of Laos Blueberry Operations

Frutura announces double acquisition of Sun **Belle and Giddings Fruit** 

> **Mastronardi Produce Acquires Full Ownership of** Mastronardi BerryWorld® North America.

### Surexport acquires a majority stake in Jong Fruit

Sanlucar Fruit to invest in fruit production in Zaragoza

Blueberries, kiwifruit and grapes among the crops earmarked for production.

11 Dec 2024

26 Feb 2024

Agrovision expands global footprint with locally grown berries in China

Fall Creek reveals Romanian

acquisition

By Maura Maxwell | 4 January 2024

6 June 2024

The Spanish company Grupo Clasol bets on berry production in Romania

by EastFruit 2 27 Apr 24 D 0 149

Driscoll's completes Berry Gardens Ltd buyout

#### AMFresh completes acquisition of IFG

By Maura Maxwell | 16 August 2023

Agrovision secures US\$100m in latest funding round

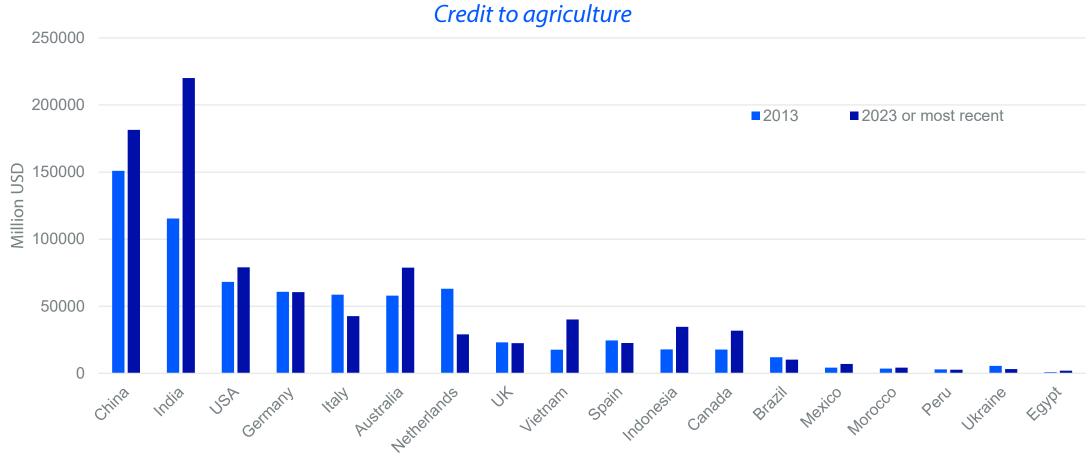
2 August 2024

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What are investors and credit suppliers steering towards?



# Access to and use of commercial farm credit varies highly around the world



## Specific expertise is needed for farm financing in horticulture, to balance risks and returns



#### Berry farm specifics

- High capital need
- High input costs
- Labor and technology intensive
- Perishable products
- Subject to climate risk, natural resource availability



#### *Performance indicators*

- Yield and revenue per m2
- Risk management
- Human resource management
- Marketing strategy
- Management information
- Quality control
- Certification

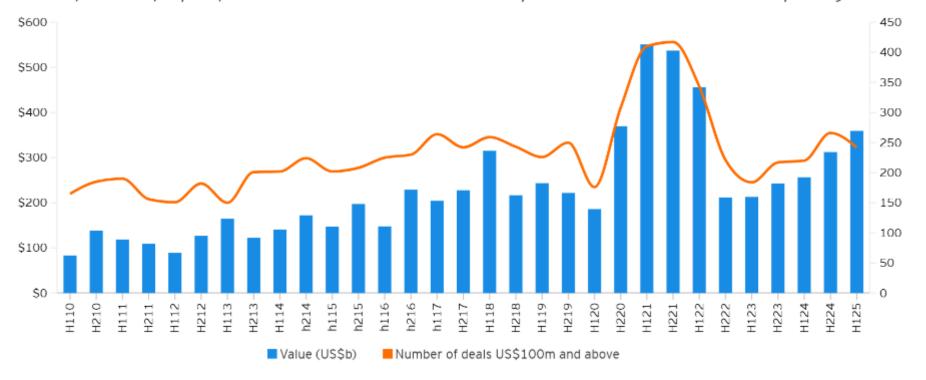


#### Rabobank criteria

- Cash flow
- Solvency
- Position of the bank (collateral)
- Business case / added value
- Sustainability

# Often, government or private investments are needed to start or expand berry businesses...

Global private equity acquisitions increased more than 40% by value in the first half versus a year ago



...but overall investment sentiment has been low in the last two years. However, the worst seems to be behind us

### What can Rabobank do?

## Financial solutions for the berry sector vary depending on perceived (market) risks



#### Farmer finance

- Often required in local currency
- Higher risk and therefore higher pricing
- Possible and feasible in some markets
- DFI's and (equity) investors can play a role here



### Direct lending to trading or holding companies

- Leveraging on scale, the Holdco can be used to extend financing to relevant business entities (incl. farms)
- Short-term working capital
- Longer term capital expenditure loans



### Value chain finance or other customized products

- Different solutions available in different geographies
- Receivables Purchase
- Inventory Purchase
- Supplier Finance
- Export Finance

### Rabobank is a global commercial bank with a focus on four pillars, including food & agri

Banking for the Netherlands



- EUR 274bn exposure
- 78 local banks

Banking for Food



- EUR >120bn exposure
- Presence in 25 countries

Banking for the Energy Transition



- EUR > 36bn<sup>1</sup> in exposure
- Active in 17 countries in Europe

Vendor Finance



- EUR 45bn exposure
- Presence in 28 countries

Growing a better world together

Rabobank is among the strongest rated banks globally

A+ S&P Globa Ratings

Aa2 Moony's

FitchRatings

AA(low)

Total assets 2024: €629 billion

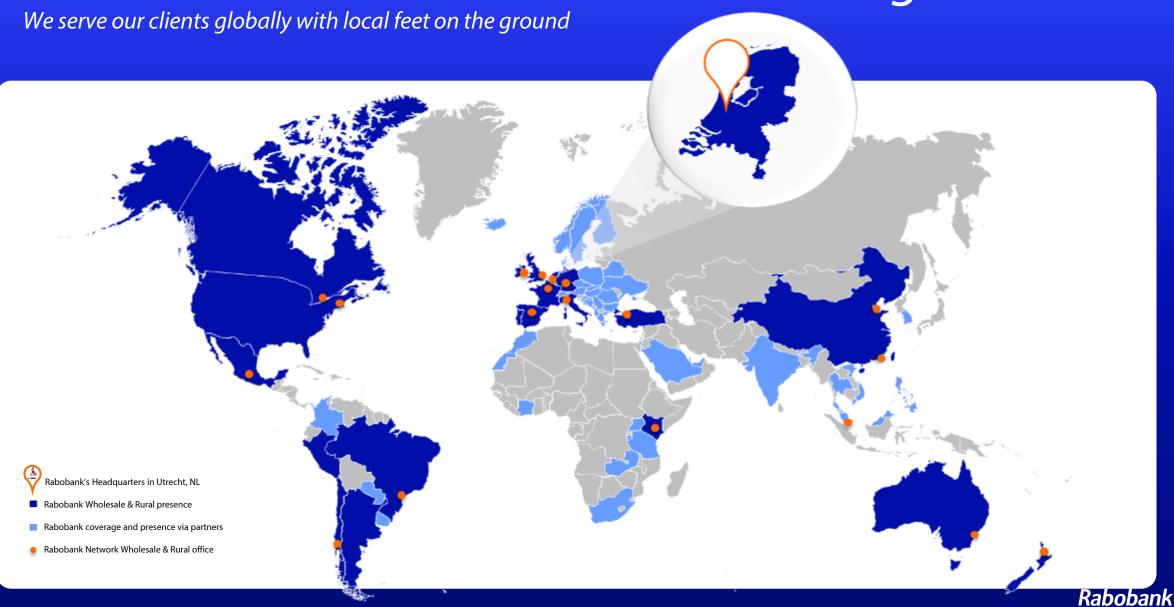
Global leader in sustainable bankina

Out of 294 diversified banks

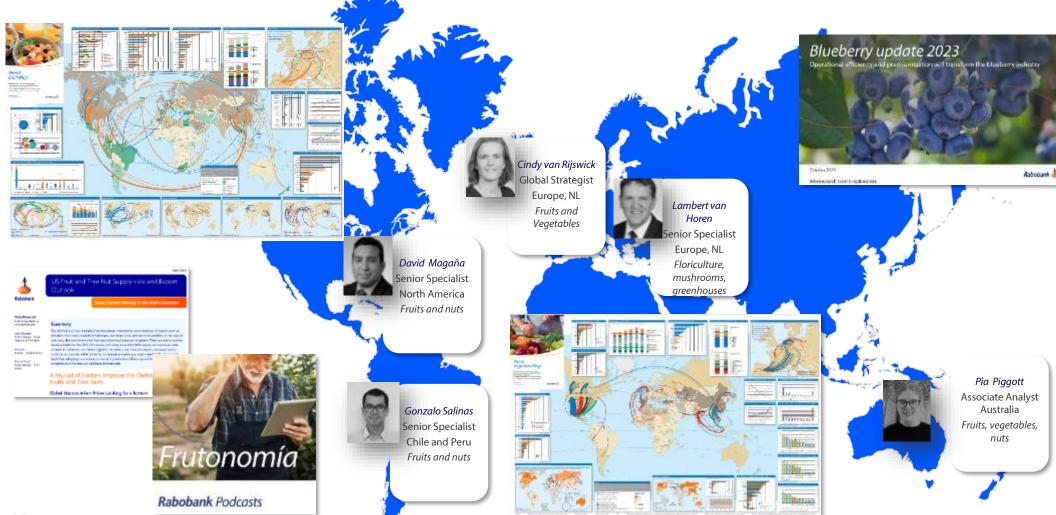
SUSTAINALYTICS MSCI

Prime

Rabobank Wholesale - Global Coverage



# Banking with knowledge: RaboResearch including a dedicated fresh produce team



Final thoughts



### Changes ahead

- Despite overall poor sentiment, the berry industry is still hot among investors, while access to bank credit varies highly per country and company type
- Positive future in terms of market growth opportunities to fulfill the year-round supply
- Megatrends resulting in higher risks and costs will force the blueberry industry to invest in higher efficiency, risk mitigation and clear strategic focus





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