

IFFA

Frankfurt am Main
4. – 9. 5. 2019

IFFA 2019

Markets, Machinery Trade, Topics

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Association within VDMA

Meat market growth - development, prospects



Global meat production is increasing.



**Global production 2017:
1,072 billion €**



**Global production
2026: 1,479 billion €**

*Source: Euromonitor International, VDMA



Production value of meat - by region



in million Euro	2017	2017-2026 in %
World	1,071,628	+ 38 %
Asia	345,773	+ 58 %
Western Europe	230,054	+ 18 %
North America	205,558	+ 17 %
Latin America	153,919	+ 51 %
Eastern Europe	68,018	+ 43 %
Middle East / Africa	37,135	+ 36 %
Australasia	31,173	+ 42 %

Source: Euromonitor International, VDMA

Sales volume of meat - by region



in 1,000 tonnes	2017	2017-2022 in %
World	229,527	10 %
Asia	105,351	10 %
Latin America	38,217	12 %
North America	23,176	9 %
Middle East, Africa	22,400	18 %
Western Europe	20,640	-1 %
Eastern Europe	17,463	8 %
Australasia	2,280	10 %

Source: Euromonitor International, VDMA



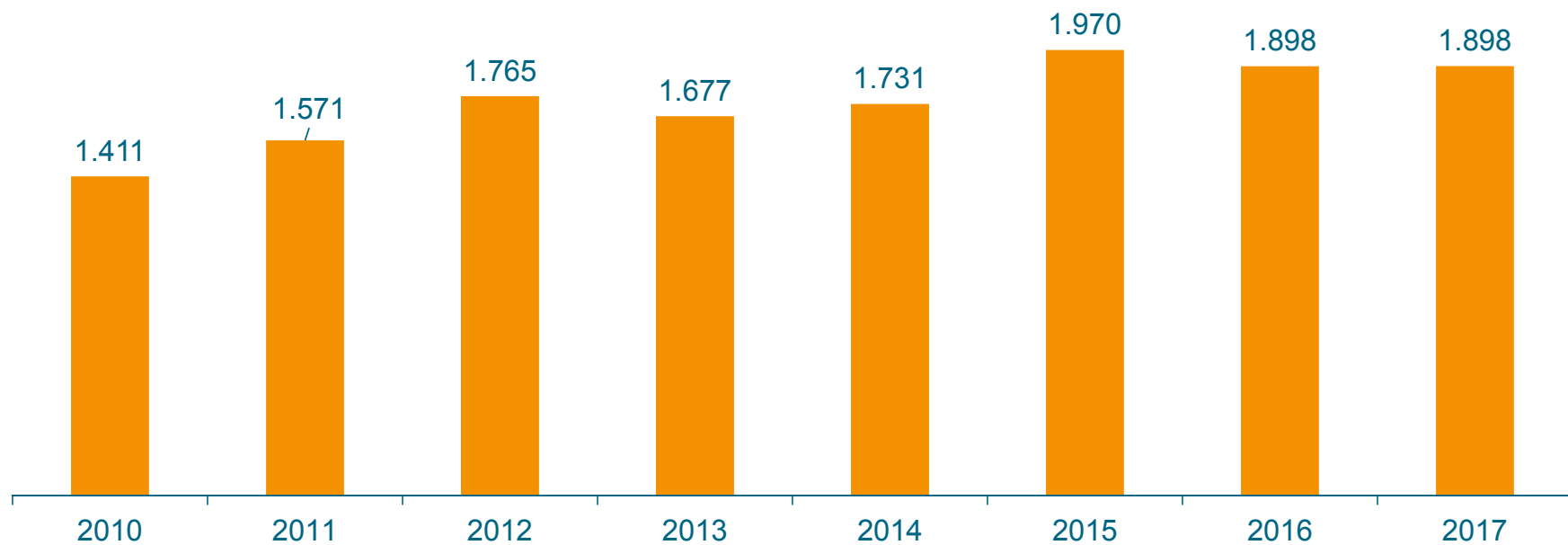
Machinery and plant – international demand

Global trade of meat processing machinery



in billion Euro

2017/2016: $\pm 0,0\%$

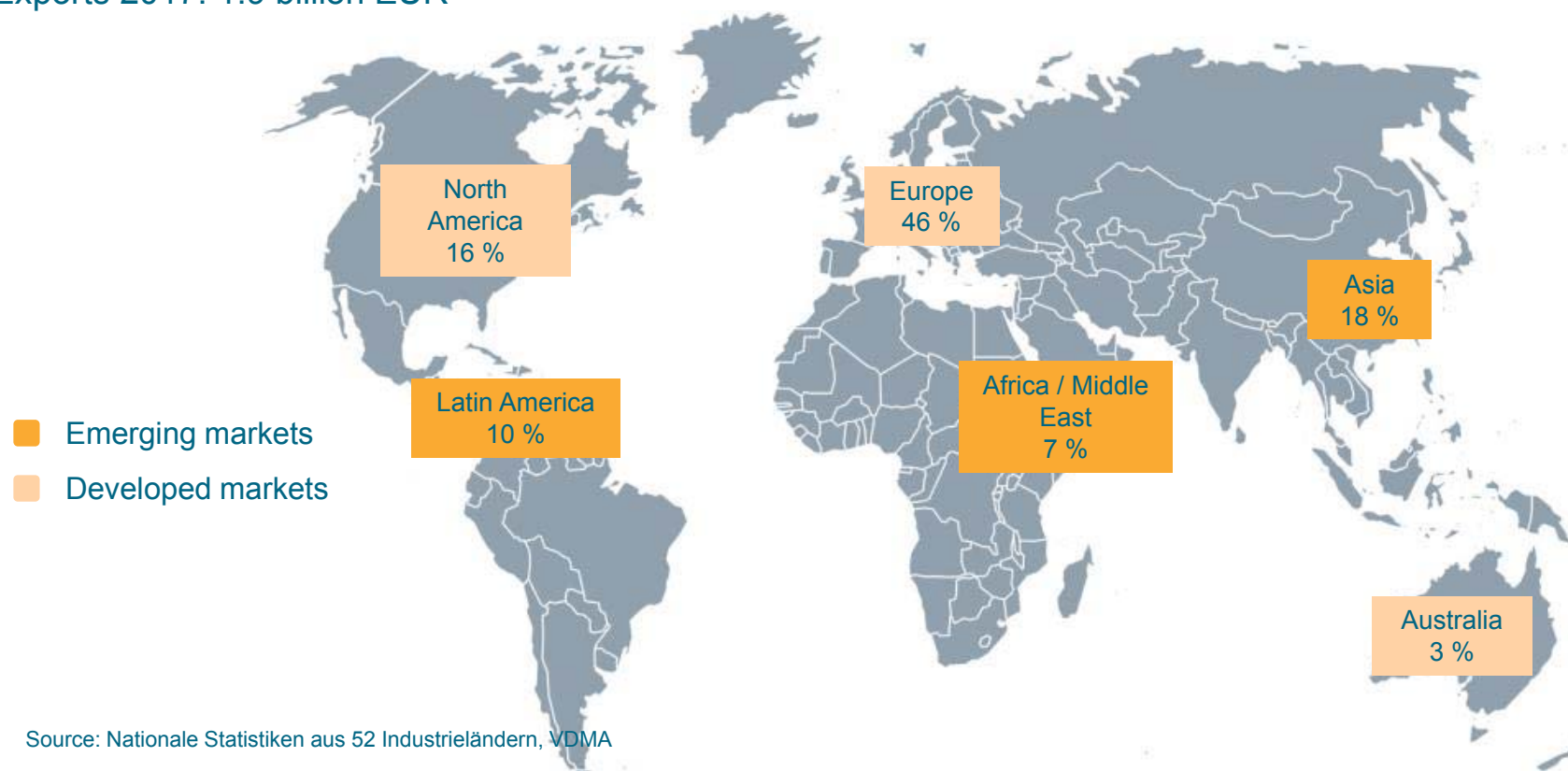


Source: Nationale Statistische Ämter, VDMA (prelim.)

Global trade of meat processing machinery

Regional shares 2017

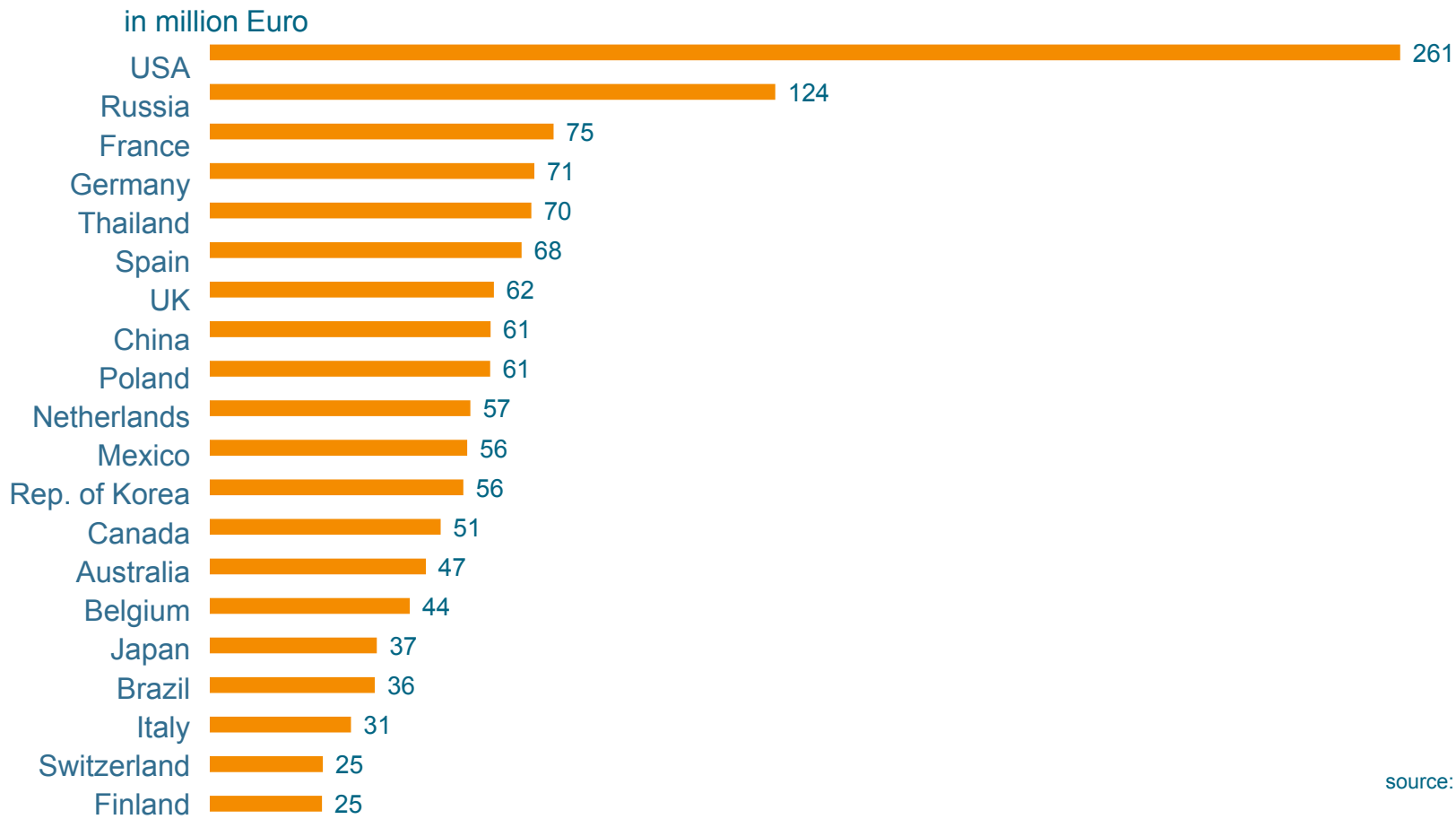
Exports 2017: 1.9 billion EUR



Source: Nationale Statistiken aus 52 Industrieländern, VDMA

Global trade of meat processing machinery

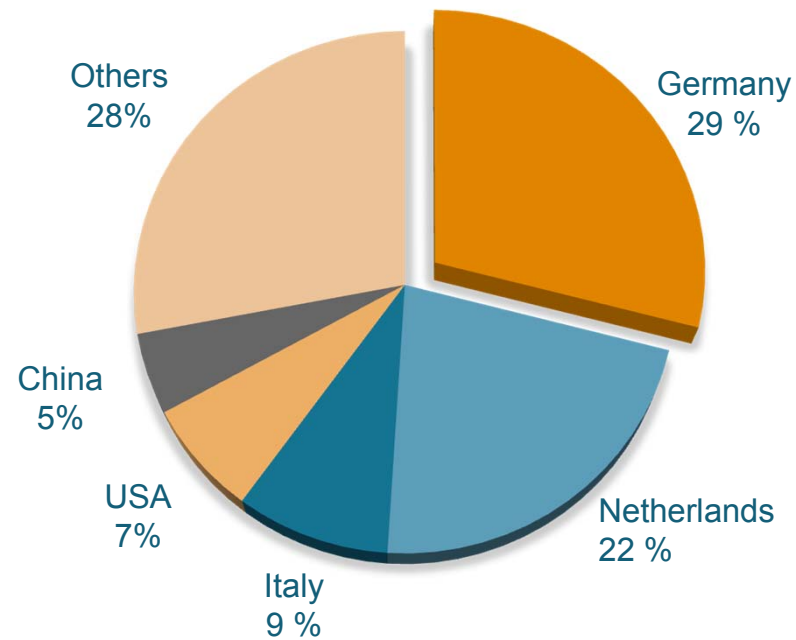
Top 20 sales countries 2017



source: Statistisches Bundesamt, VDMA

Global trade of meat processing machinery Shares of supplier countries

Total volume 2017: 1,898 million Euro



Source: Nationale Statistische Ämter, VDMA



Challenges meet solutions

**Focal topics
at IFFA 2019**

Product safety

- » **Product safety**
 - Hygienic design machinery
 - Holistic cleaning concepts
- » **Product protection**
 - Optimized packaging solutions
 - Process monitoring, inspection and control

Don't compromise.





Resource efficiency.



- » Energy efficient components
- » Saving water and cleaning media
- » Use of process heat
- » Reduction of packaging material

Solutions, concepts, examples.

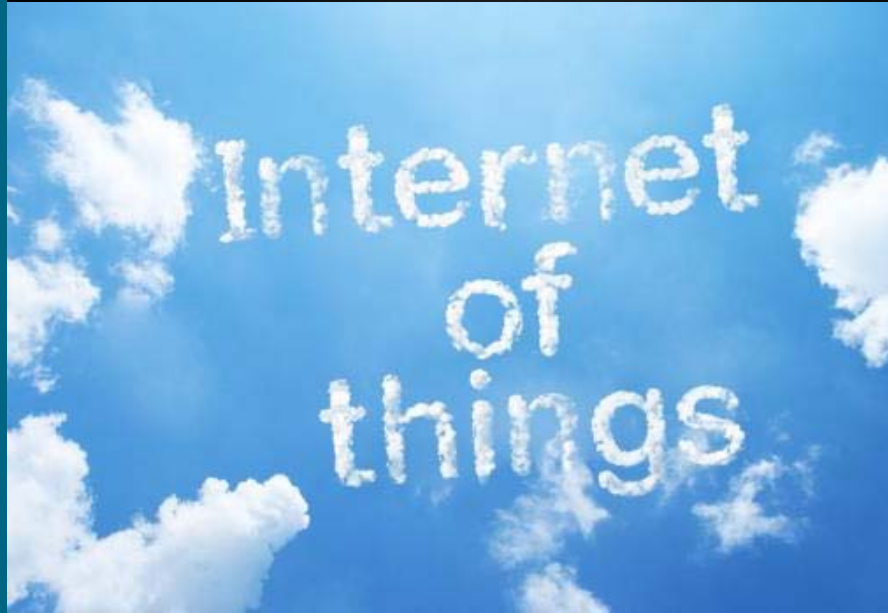


Optimizing production.



- » Overall equipment efficiency (OEE)
- » Condition Monitoring
- » Minimizing organizational losses
 - Minimizing organizational losses - during setup, maintenance, format change, etc.
- » Use of robots

Find hidden potential.



Digitization



- » Combining production technology and IT
- » Internet based communication between machines, components, products
- » Flexible production control
- » Individualization

The vision: the intelligent factory.

Food Trends.

- » Product ideas with added value
 - Convenience...
 - Functional...
 - Vegetarian...
 - Regional and sustainably...

- » Packaging with function
 - Optimum protection
 - Design-for-recycling
 - Labelling and information
 - Differentiation at the point of sale

Ideas without limits



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See ya´!