



# Organic Agriculture Worldwide 2016: Current Statistics

Julia Lernoud and Helga Willer

BIOFACH 2018

Nuremberg, Germany

February 14, 2018

# The World of Organic Agriculture 2018

[www.organic-world.net](http://www.organic-world.net)

- The 19th edition of 'The World of Organic Agriculture', was published by FiBL and IFOAM – Organics International in February 2018.
- Data tables and graphs
- Country and continent reports
- Articles about the global market, standards, policy support
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- [www.organic-world.net](http://www.organic-world.net)

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**THE WORLD OF ORGANIC AGRICULTURE**  
**STATISTICS & EMERGING TRENDS 2018**

Region	Organic Agricultural Land (Million HA)
OCEANIA	27.3
EUROPE	13.5
LATIN AMERICA	7.1
ASIA	4.9
NORTH AMERICA	3.1
AFRICA	1.9

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International Trade Centre

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Federal Department of Economic Affairs,  
Education and Research ELAK  
State Secretariat for Economic Affairs SECO

# Acknowledgements

- The Swiss State Secretariat of Economic Affairs SECO, Berne



- International Trade Centre ITC



- Nürnberg Messe, the organizers of the BioFach World Organic Trade Fair



- IFOAM – Organics International



- 200 experts from all parts of the world contributed to the FiBL survey 2018.

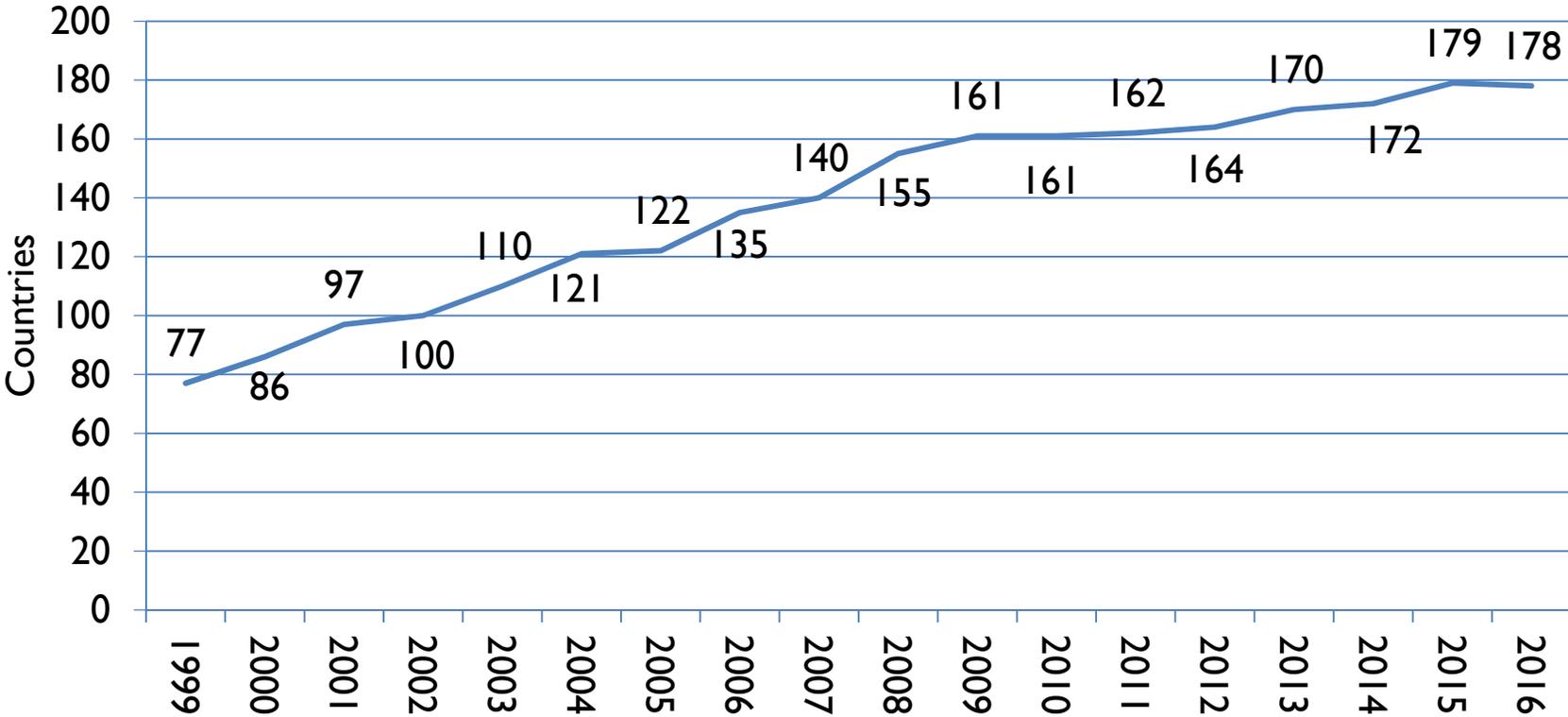
## Another record year - highlights 2016

- › Organic agricultural land reached an all time high with **57.8 million hectares**
- › Largest area growth do far: **7.5 million hectares more** than in 2015
- › In **all continents** the organic area increased
- › **1.2 percent** of the agricultural land is organic
- › In **15 countries 10 percent** or more of the farmland is organic
- › **2.7 million producers** were reported – another all time high

# Development of the number of countries with data on organic agriculture

## Development of the number of countries with data on organic agriculture

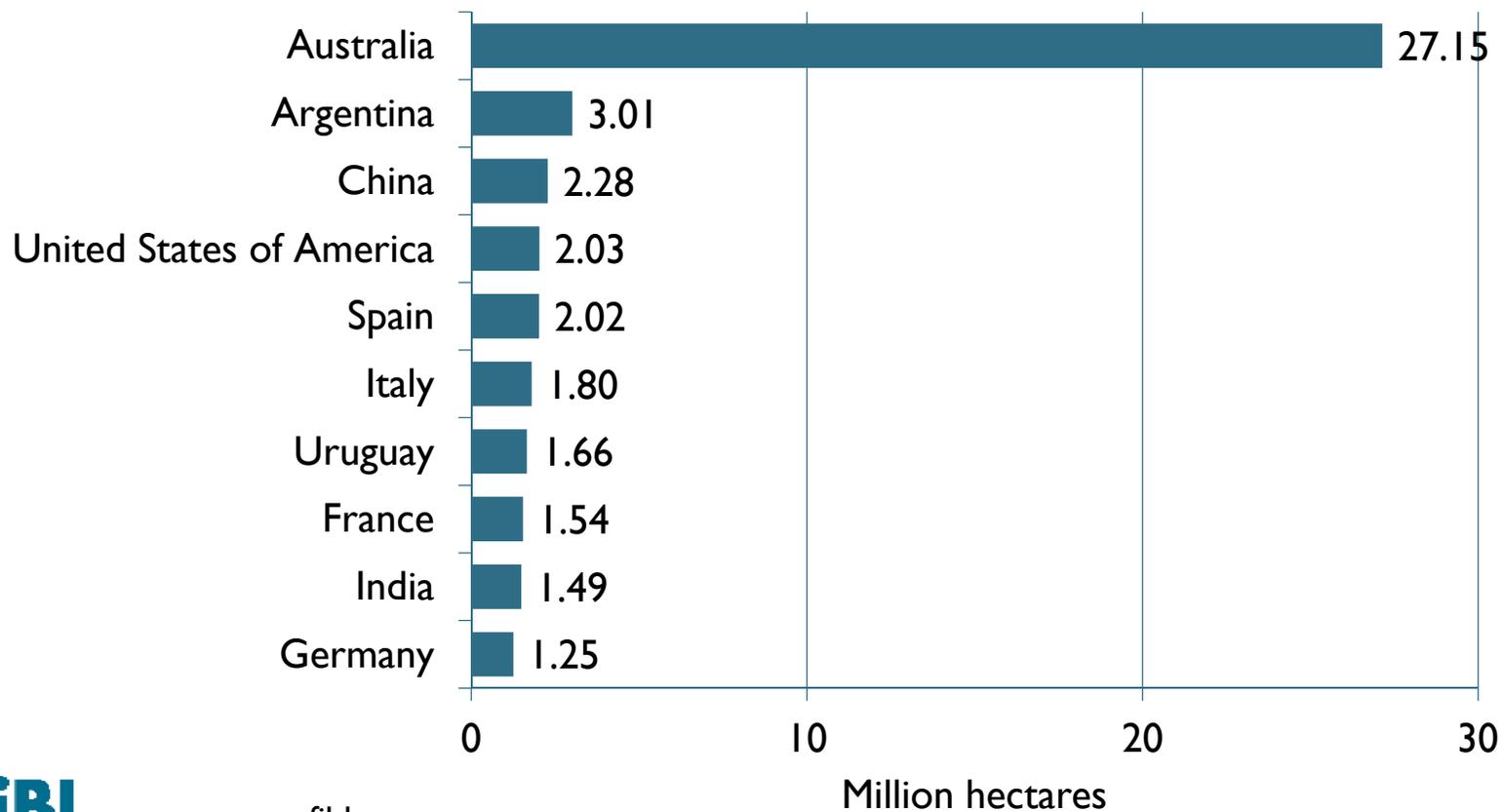
Source: FiBL-IFOAM-SOEL-Surveys 1999-2018



# The ten countries with the most organic agricultural land 2016

## The ten countries with the largest areas of organic agricultural land 2016

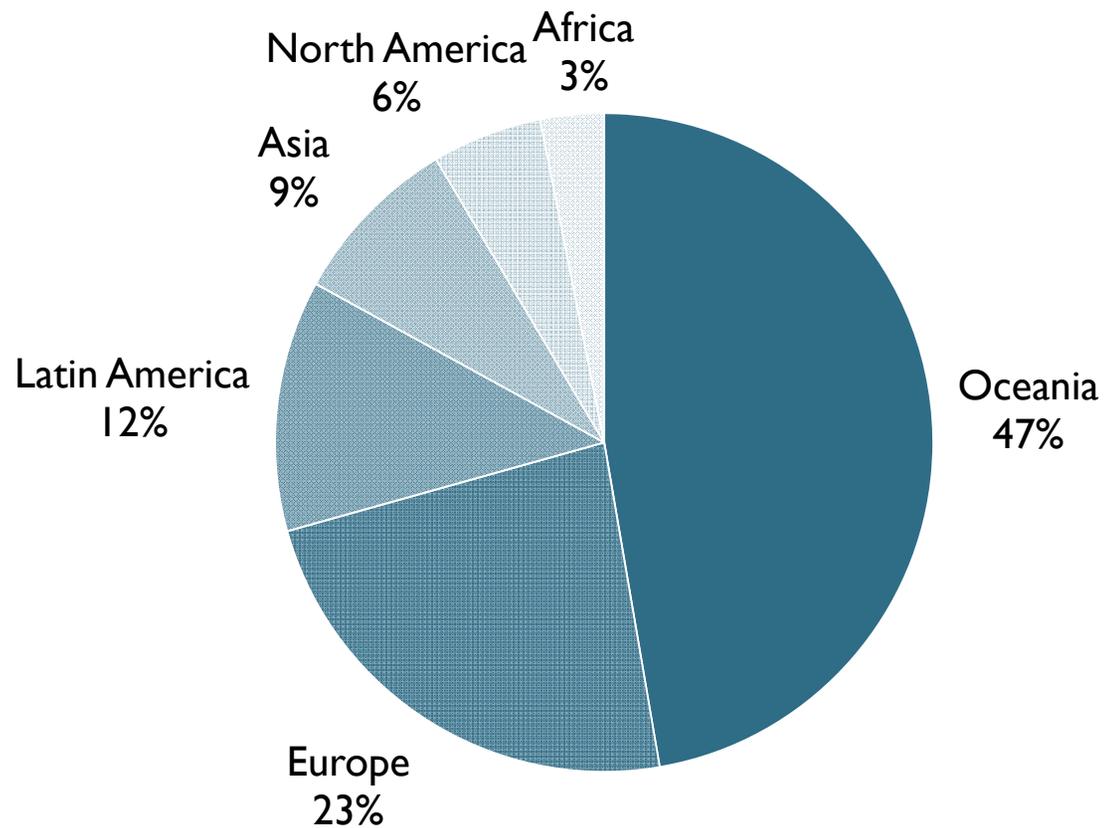
Source: FiBL survey 2018



# Distribution of organic farmland 2016

## Distribution of organic agricultural land by region 2016

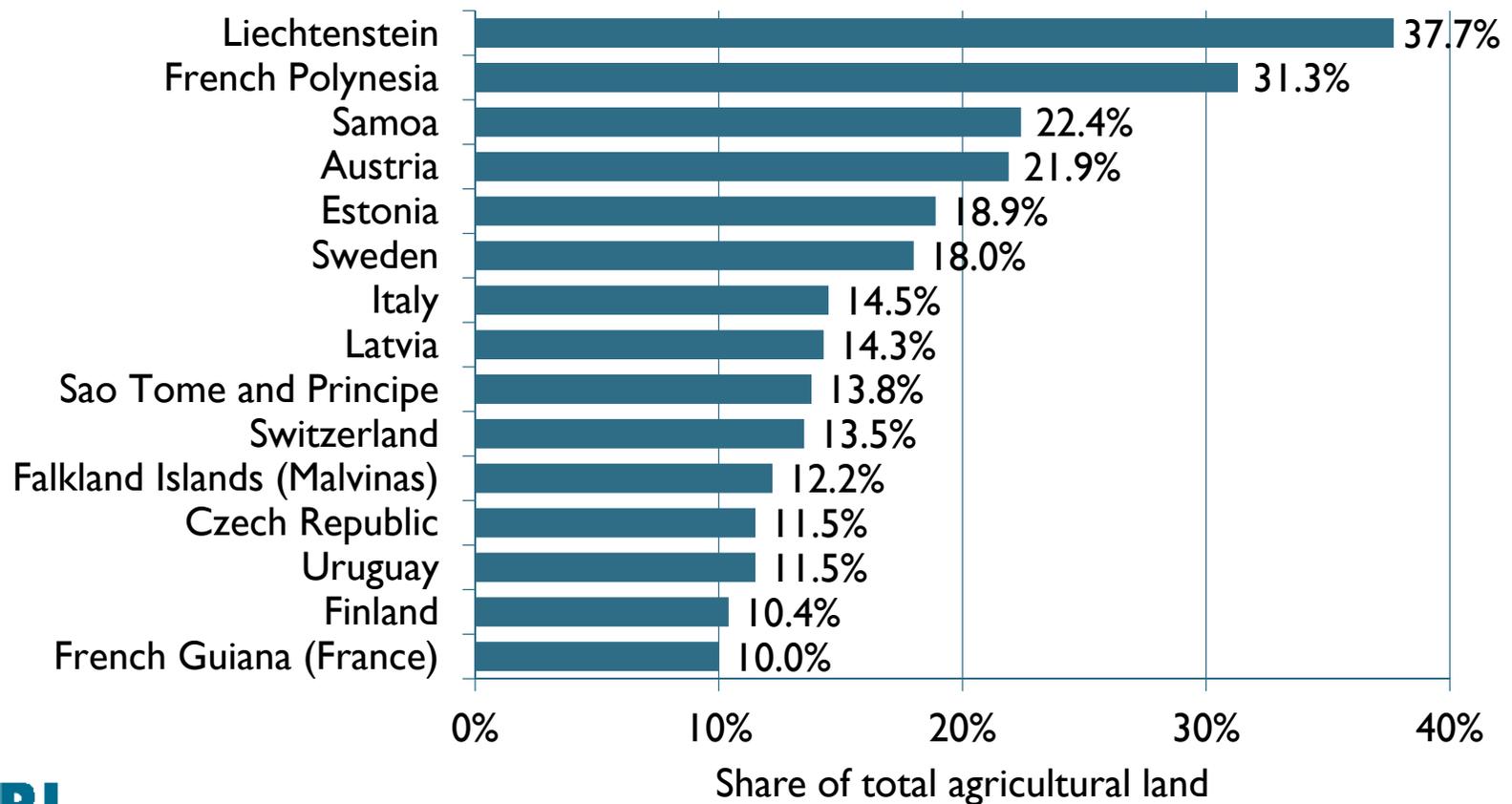
Source: FiBL survey 2018



# The countries with the highest shares of organic agricultural land 2016

## Countries with organic shares of at least 10 percent 2016

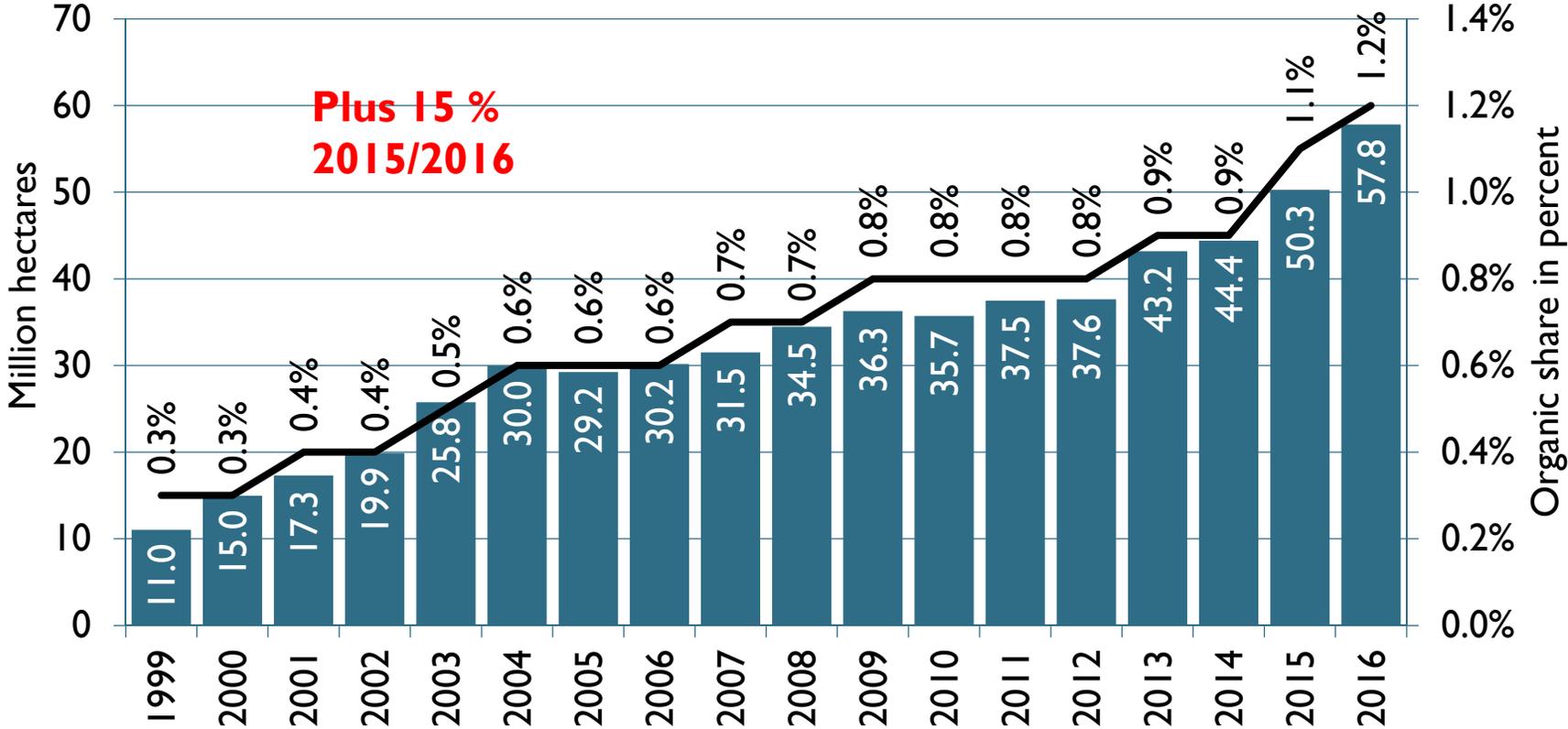
Source: FiBL survey 2018



# World: Growth of the organic farmland and organic share 1999-2016

## Growth of the organic agricultural land and organic share 1999-2016

Source: FiBL-IFOAM-SOEL surveys 1999-2018

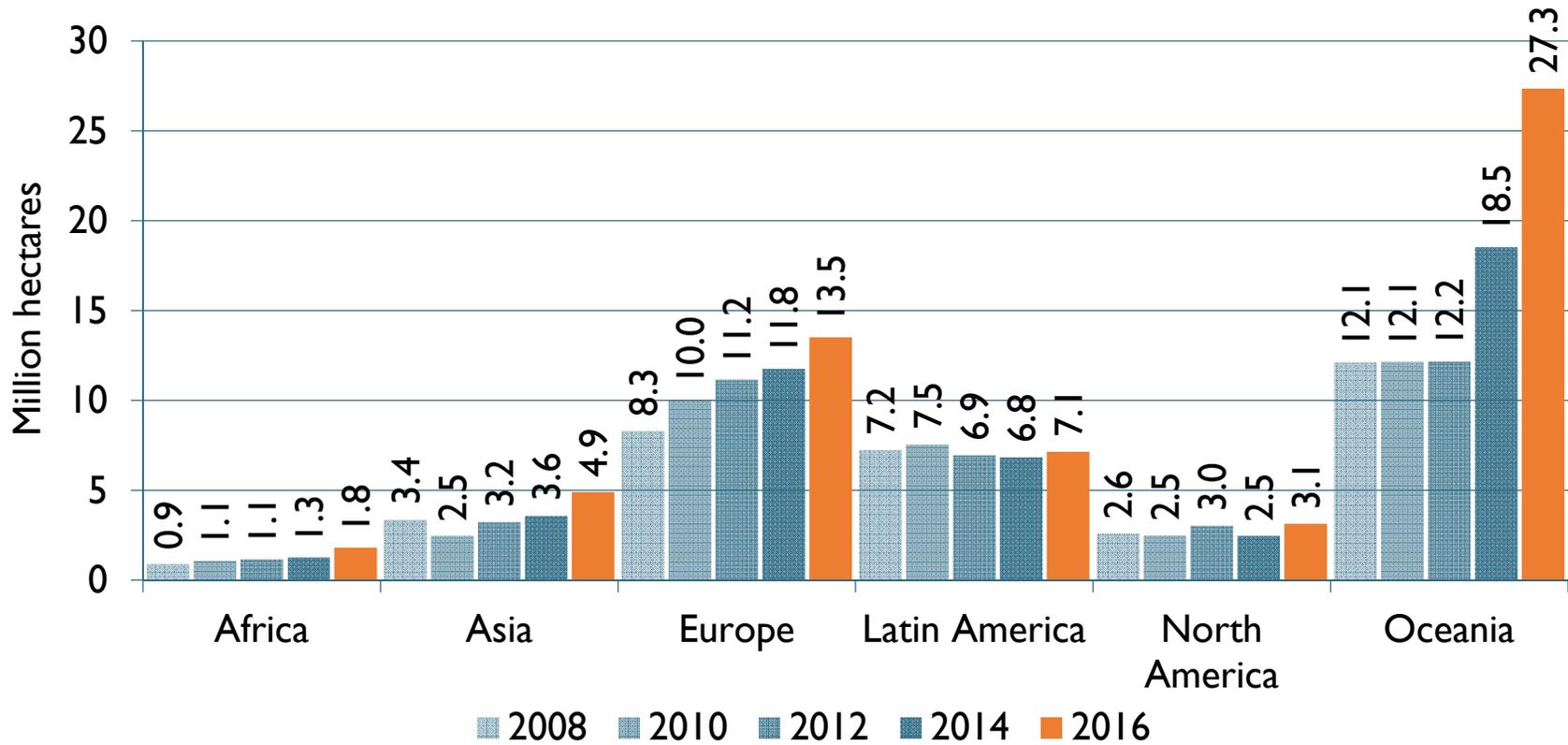


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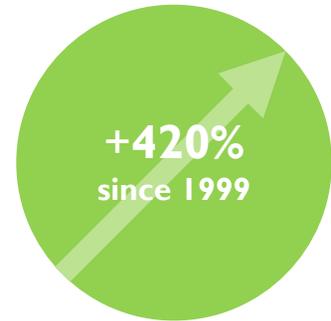
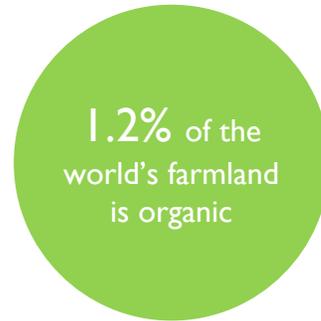
# World: Growth of organic farmland by continent 2016

## Growth of the organic agricultural land by continent 2008-2016

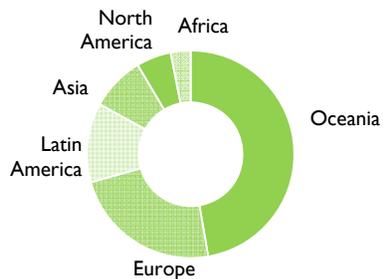
Source: FiBL-IFOAM survey 2008-2018



# ORGANIC FARMLAND 2016

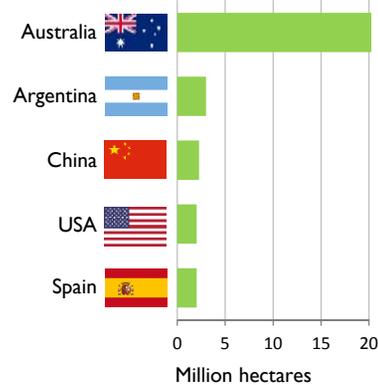


In Oceania there were 27.3 Mio ha, in Europe 13.5 Mio ha, and in Latin America 7.1 Mio ha.



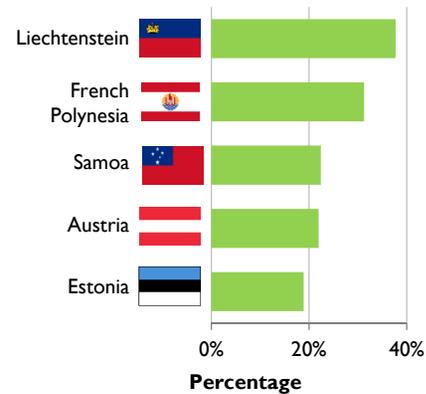
Distribution of organic agricultural land by region 2016

The ten countries with the largest organic agricultural areas have combined 76% of the world's organic agricultural land.



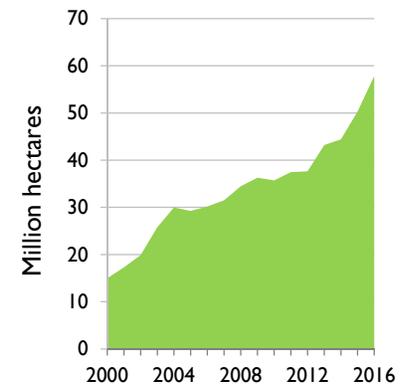
The five countries with the largest areas of organic agricultural land 2016

15 countries have 10% or more of their agricultural land under organic management.



Countries top five with more than 10 percent of organic agricultural land 2016

In 2016, over 7.5 million hectares were reported compared with 2015.

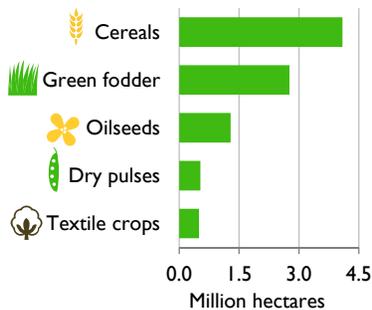
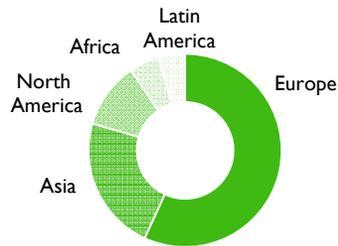


Growth of the organic agricultural land 2000-2016

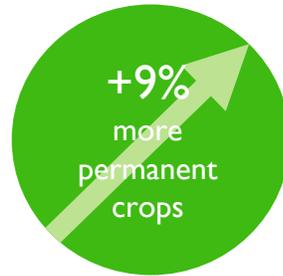
# ORGANIC LAND USE 2016



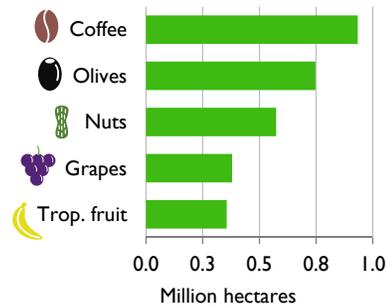
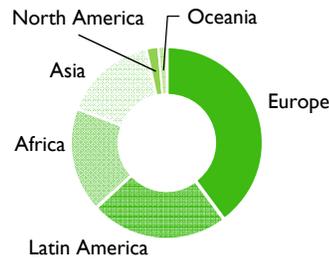
Arable land constitutes 18% of the world's organic agricultural land, and 0.7% of the world's arable crop land. It increased by 6.2% over 2015.



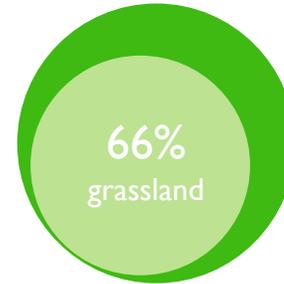
Organic arable land by region 2016  
Organic arable land: Key crops 2016



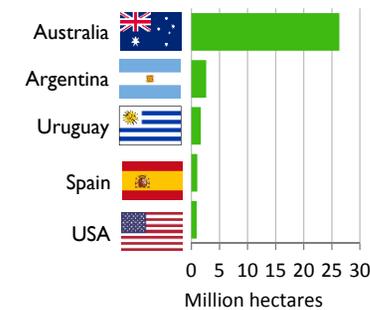
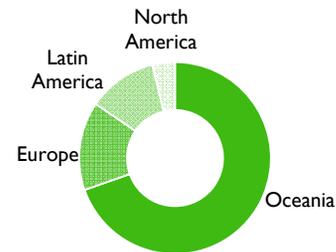
4.5 Mio ha, which is 2.8% of the world's permanent cropland, and a 8% share of the organic agricultural land.



Organic permanent crops by region 2016  
Organic permanent crops: Key crops 2016



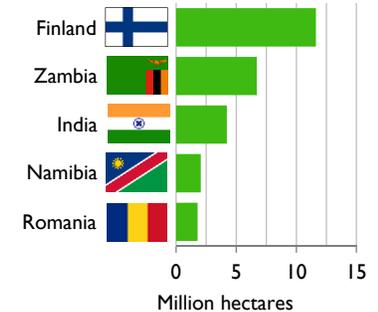
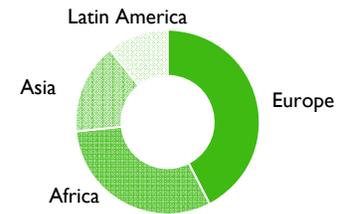
38 Mio ha of grassland, and an almost 17% increase compared with 2015.



Organic permanent grassland by region 2016  
Organic permanent grassland: The five countries with the largest areas 2016



The organic wild collection areas are concentrated in Europe, Africa, Asia, and Latin America.

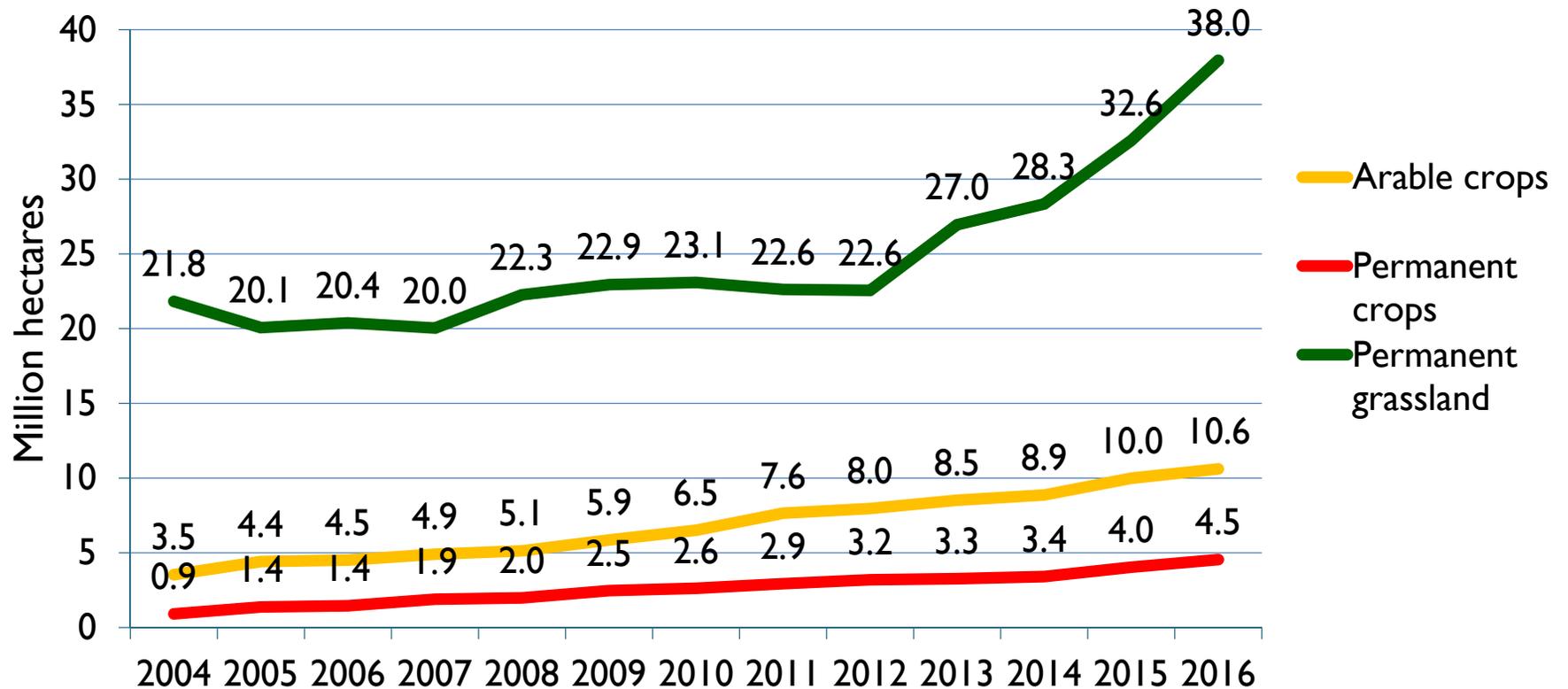


Organic wild collection by region 2016  
Organic wild collection: The five countries with the largest areas 2016

# World: Development of land use types in organic agriculture 2004-2016

## Development of the organic land by land use type 2004-2016

Source: FiBL-IFOAM-SOEL-Surveys 1999-2018

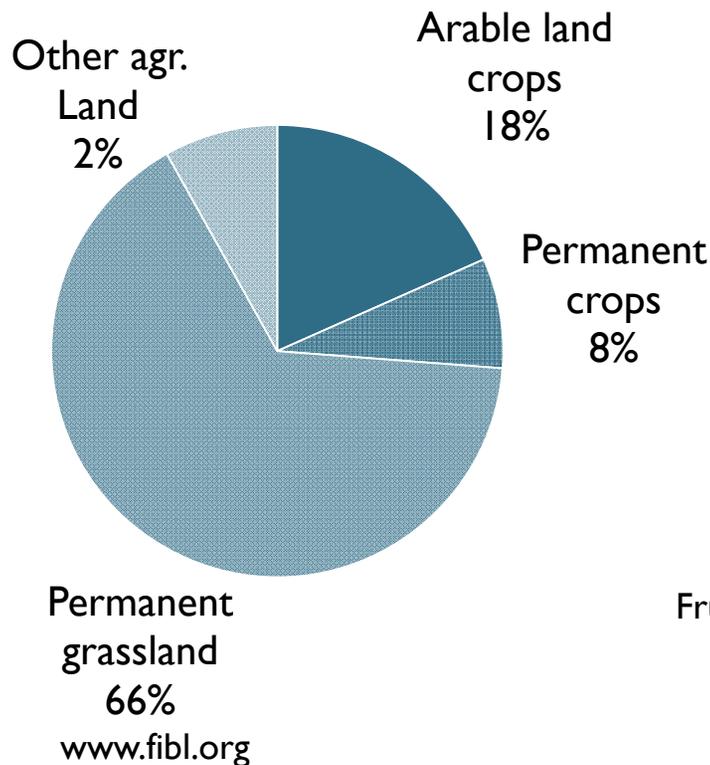


# World: Use of organic agricultural land 2016 (total: 57.8 million hectares)

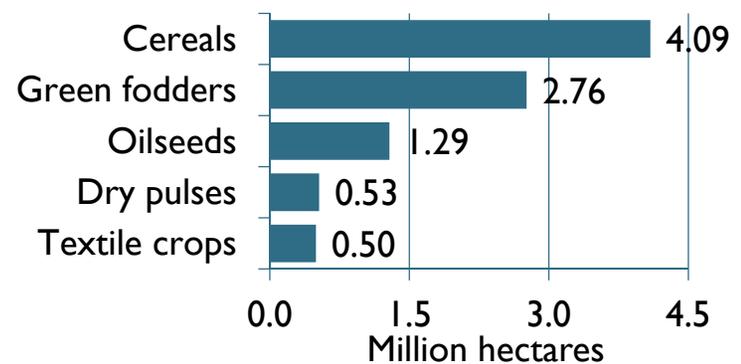
## Distribution of main land use types and crop categories 2016

Source: FiBL survey 2018; based on information from the private sector, certifiers, and governments.

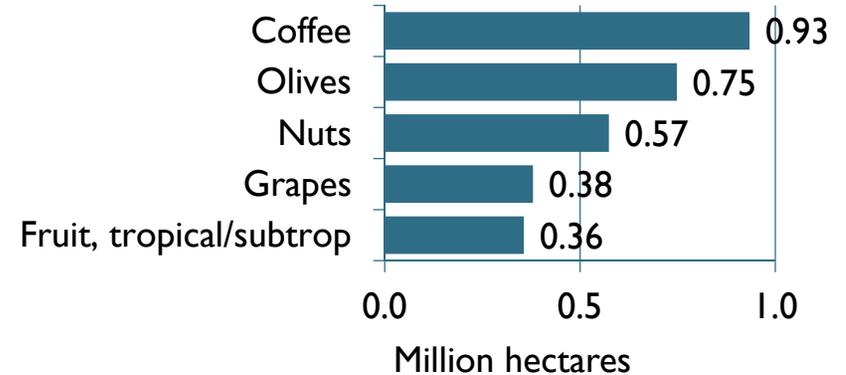
Land use types 2015



Key arable crops



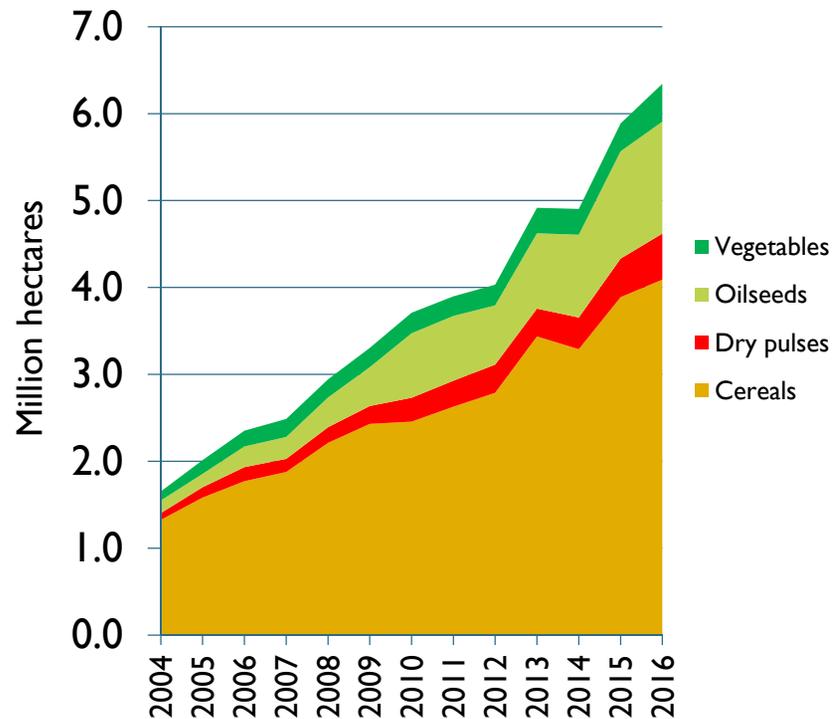
Key permanent crops



# Development of organic arable and permanent crops/crop groups 2004-2016

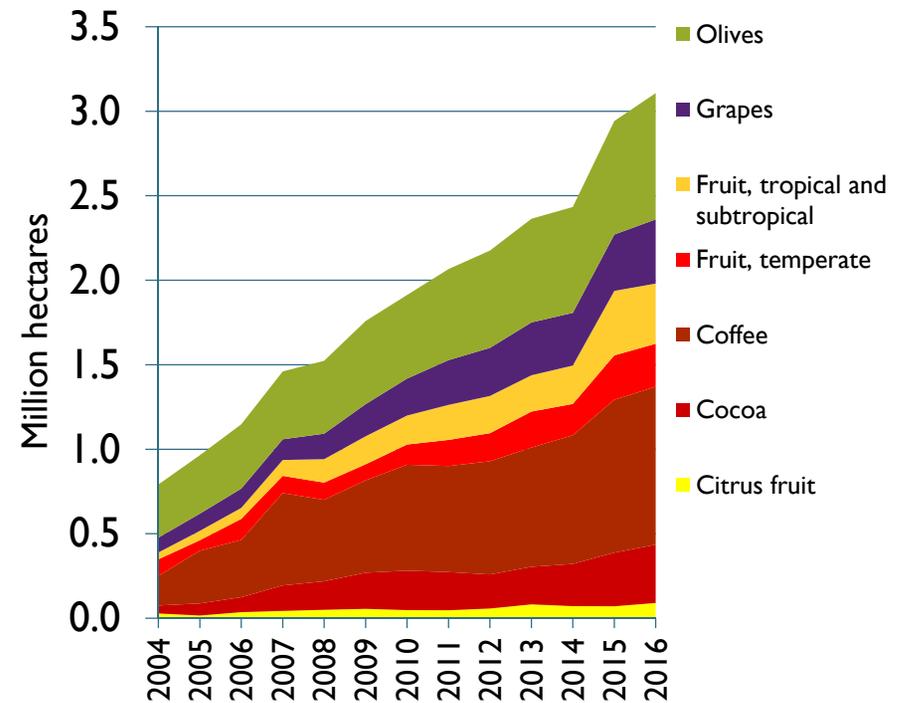
## Development of organic arable crop groups 2004-2016

Source: FiBL-IFOAM-SOEL survey 2006-2018



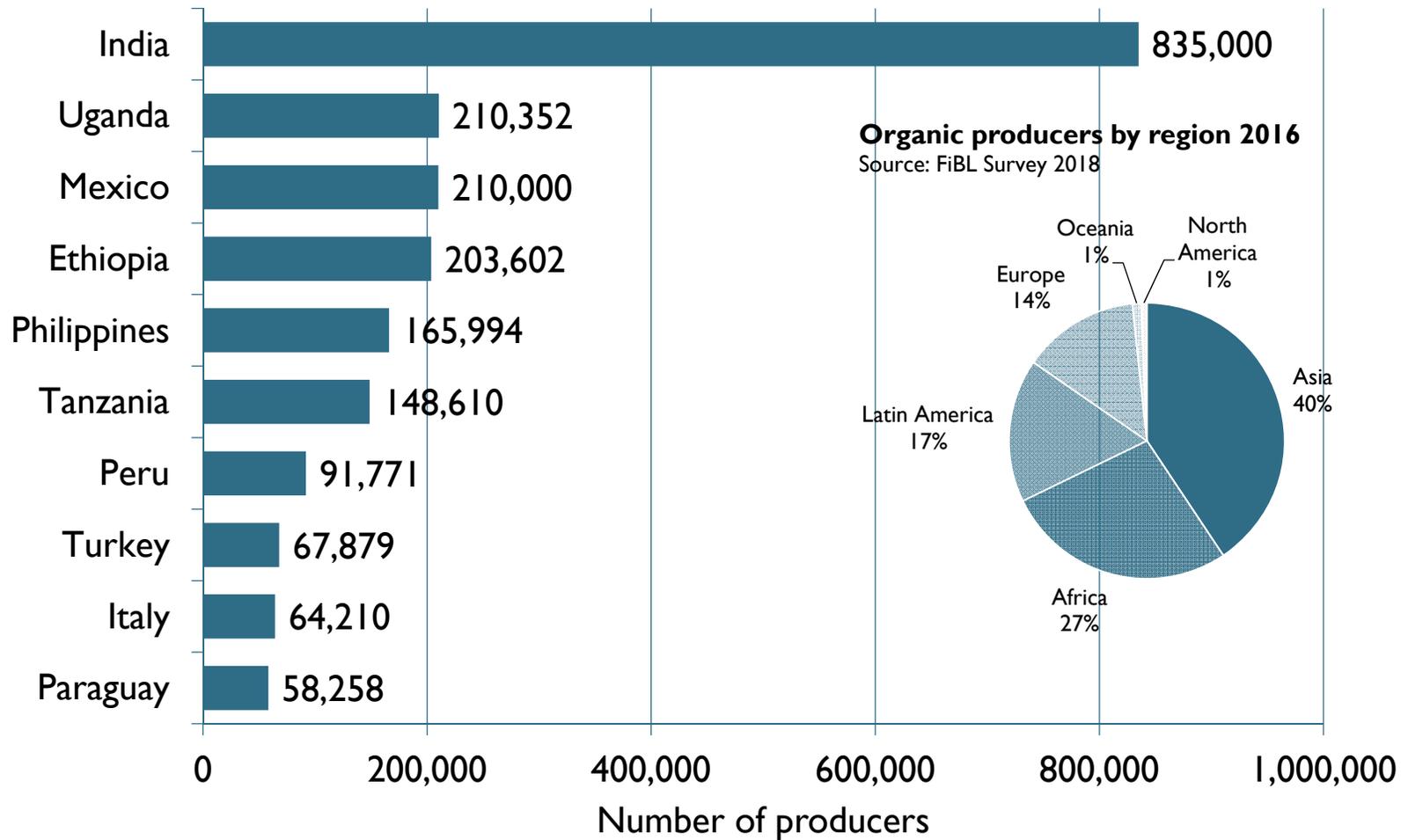
## Development of organic permanent crops/crop groups 2004-2016

Source: FiBL-IFOAM-SOEL survey 2006-2018



# The ten countries with the largest numbers of organic producers 2016

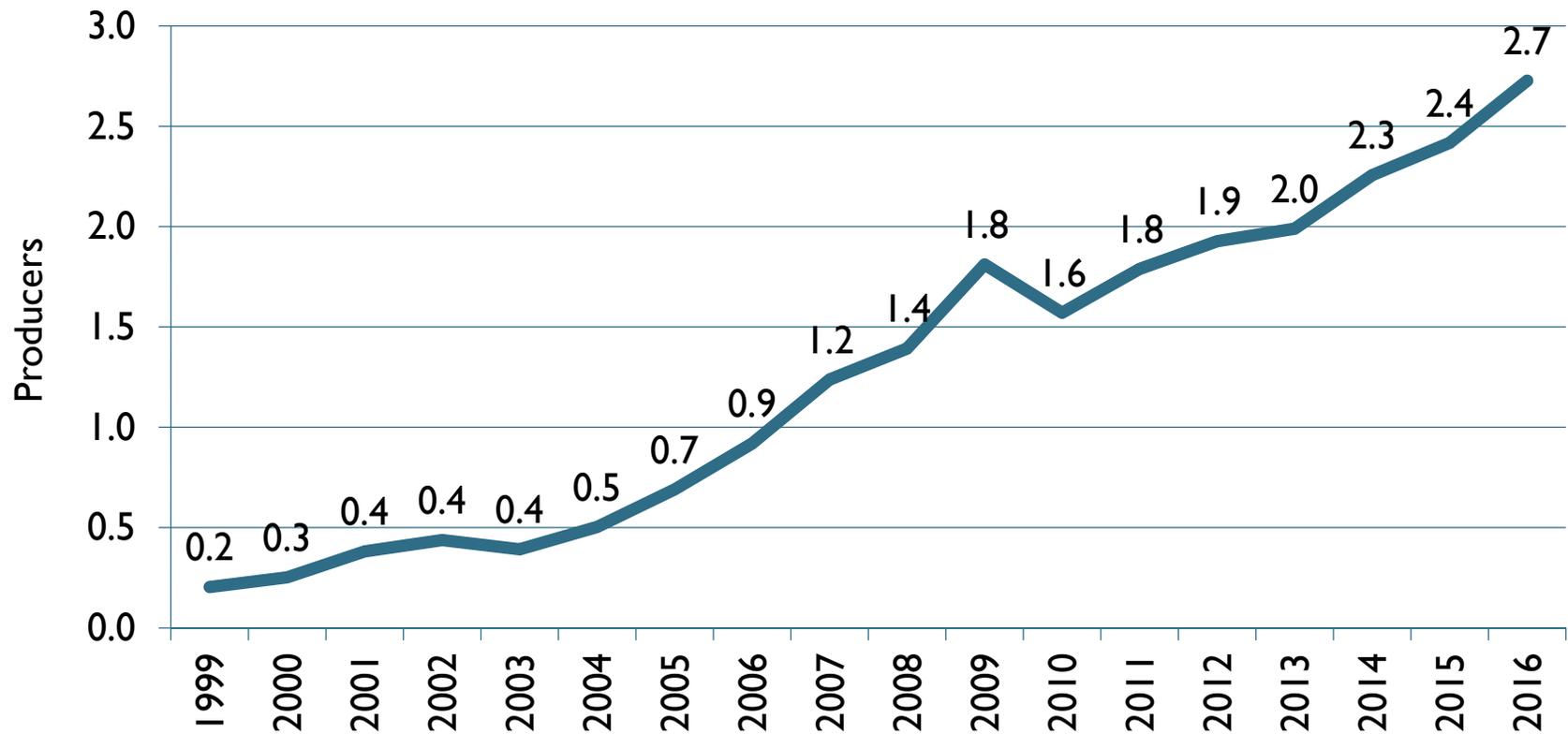
Source: FiBL survey 2018



# World: Development of organic producers 1999-2016

## Development of the number of organic producers 1999-2016

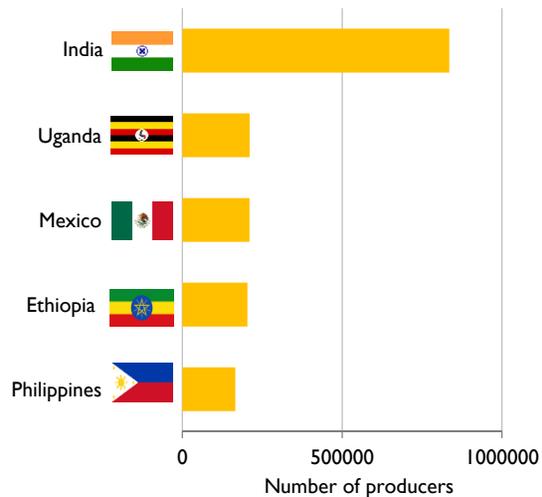
Source: FiBL-IFOAM-SOEL-Surveys 1999-2018



# ORGANIC PRODUCERS 2016



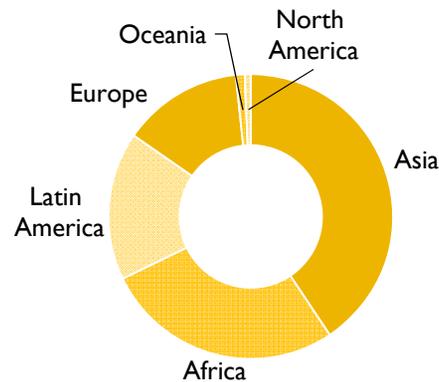
The country with the most organic producers is India, followed by Uganda and Mexico.



The five countries with the largest numbers of organic producers 2016



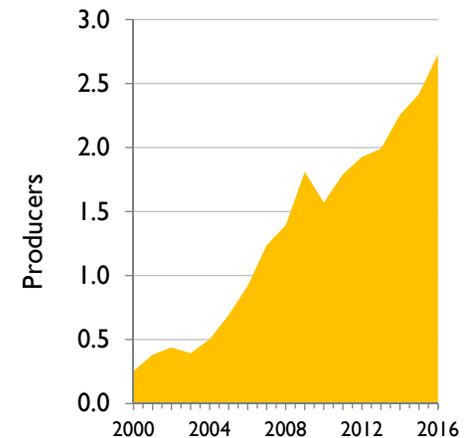
More than 84% of the producers are in Asia, Africa, and Latin America.



Distribution of organic producers by region 2016



There has been an increase in the number of producers by more than 300'000, or over 13% since 2015.

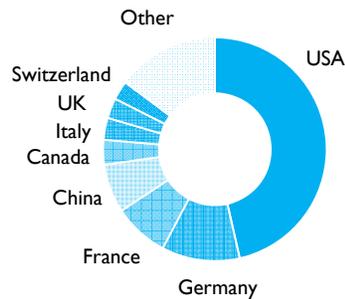


Development of the number of organic producers 1999-2016

# WORLD: ORGANIC RETAIL SALES 2016



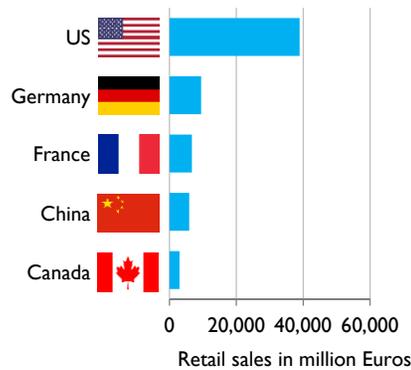
The largest single market is the USA followed by the EU (30.7 billion €) and China. By region, North America has the lead (41.9 billion €), followed by Europe (33.5 billion €) and Asia.



Distribution of retail sales value by country 2016



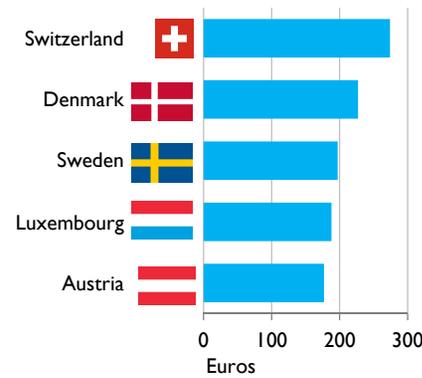
The countries with the largest market for organic food are the United States (38.9 billion €), followed by Germany (9.5 billion €), France (6.7 billion €) and China (5.9 billion €).



The five countries with the largest markets for organic food 2016



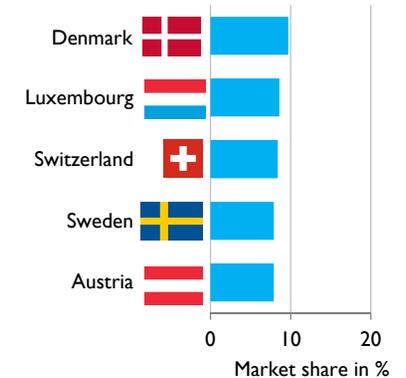
Switzerland has the highest per capita consumption worldwide, followed by Denmark and Sweden.



The five countries with the highest per capita consumption 2016



The highest shares the organic market of the total market is in Denmark, followed by Luxembourg, Switzerland, Sweden, and Austria.



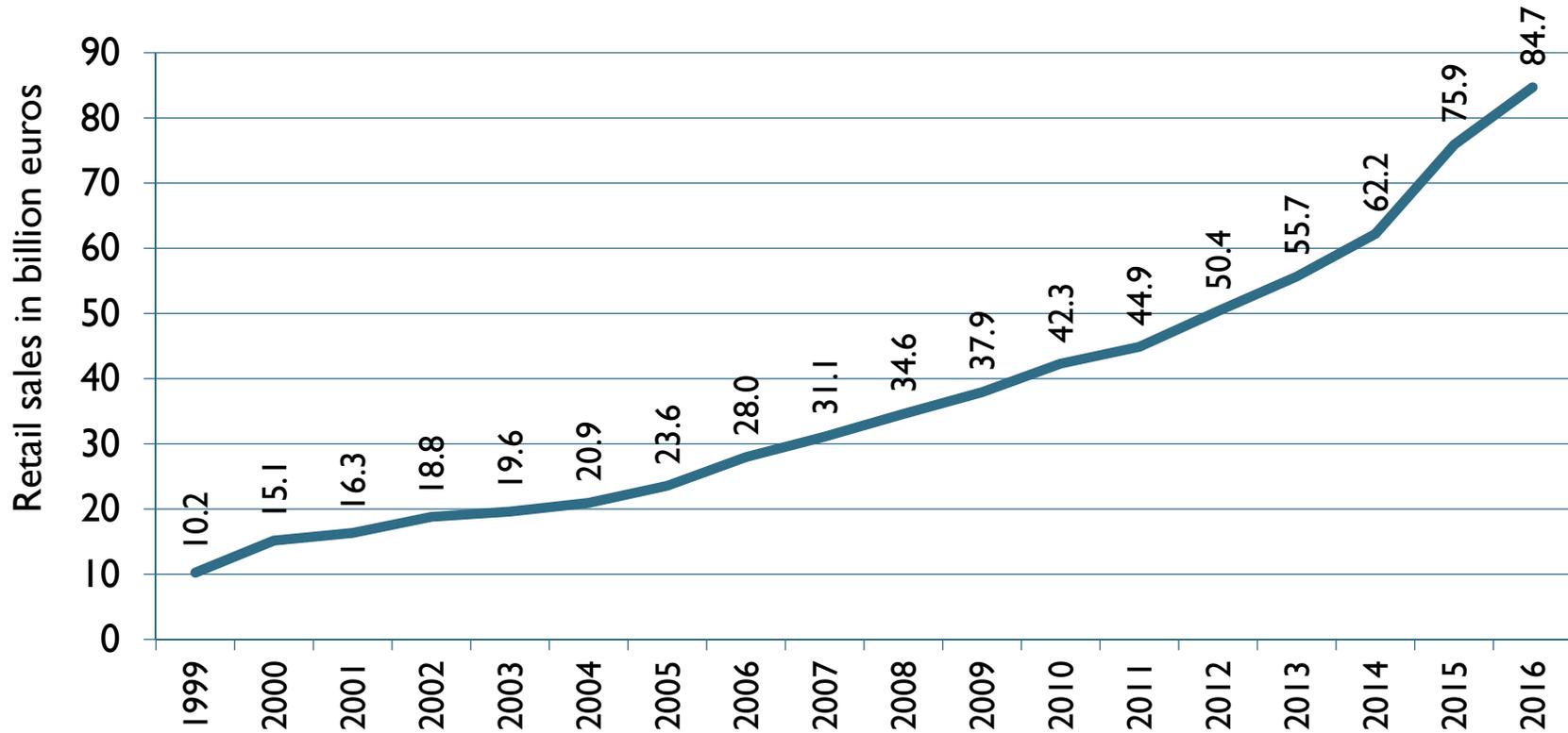
The five countries with the highest organic shares of the total market 2016

# World: Development of organic retail sales 1999-2016

## Development of the organic retail sales 1999-2016

Source: FiBL surveys 2002-2018

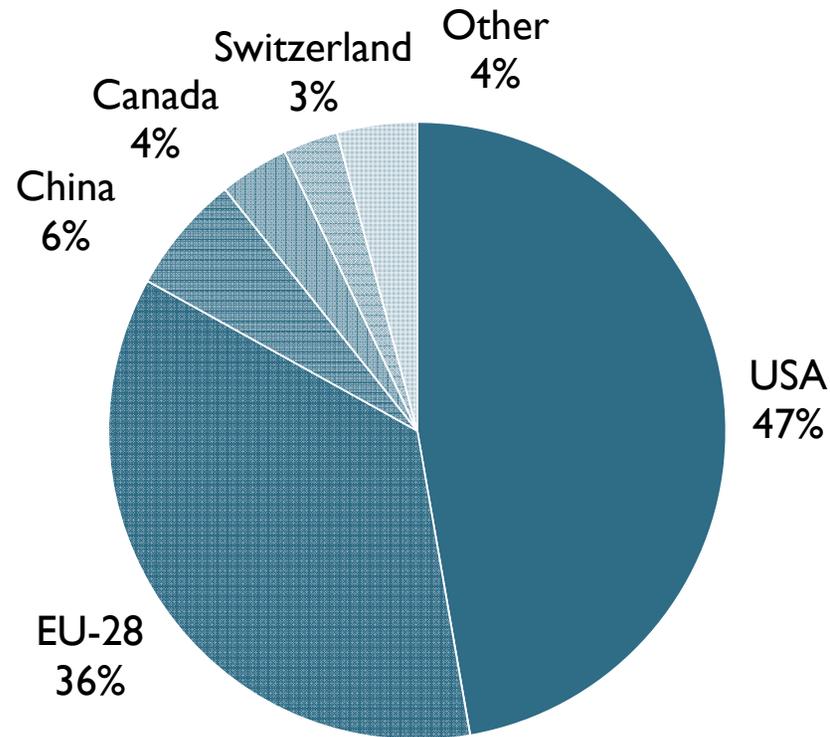
Please note that for the years prior to 2005 data may not be complete



# World: Global market: Distribution of retail sales by single market 2016

## World: distribution of retail sales by single market 2016

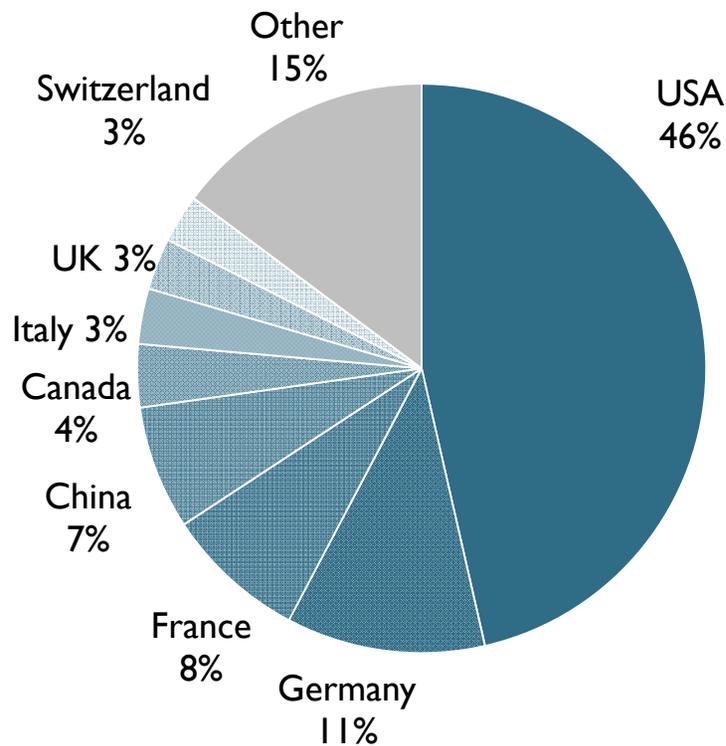
Source: FiBL-AMI survey 2018



# World: Distribution of organic retail sales 2016

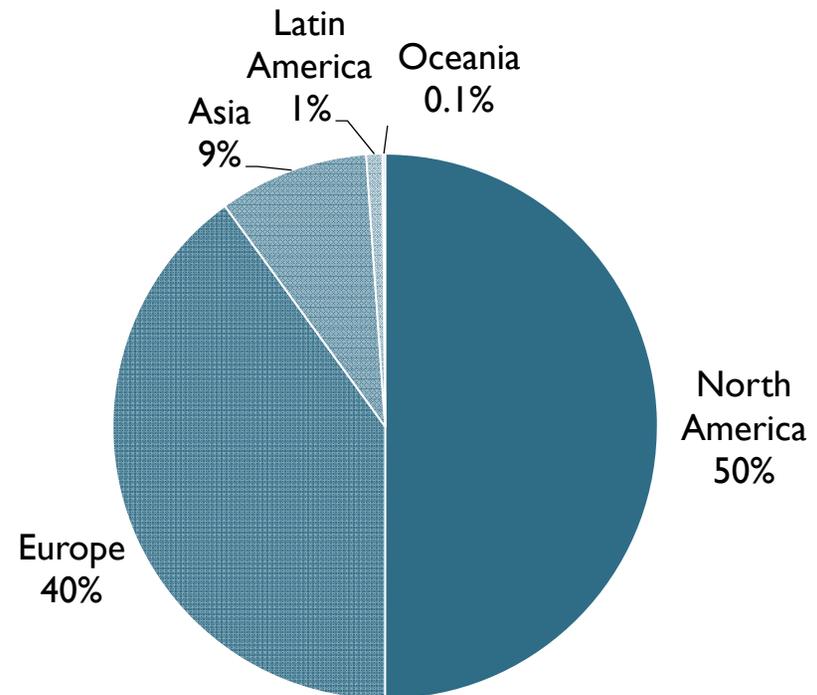
## Global market: Distribution of retail sales value by country 2016

Source: FiBL-AMI survey 2018, based on retail sales with organic food



## Global market: Distribution of retail sales value by region 2016

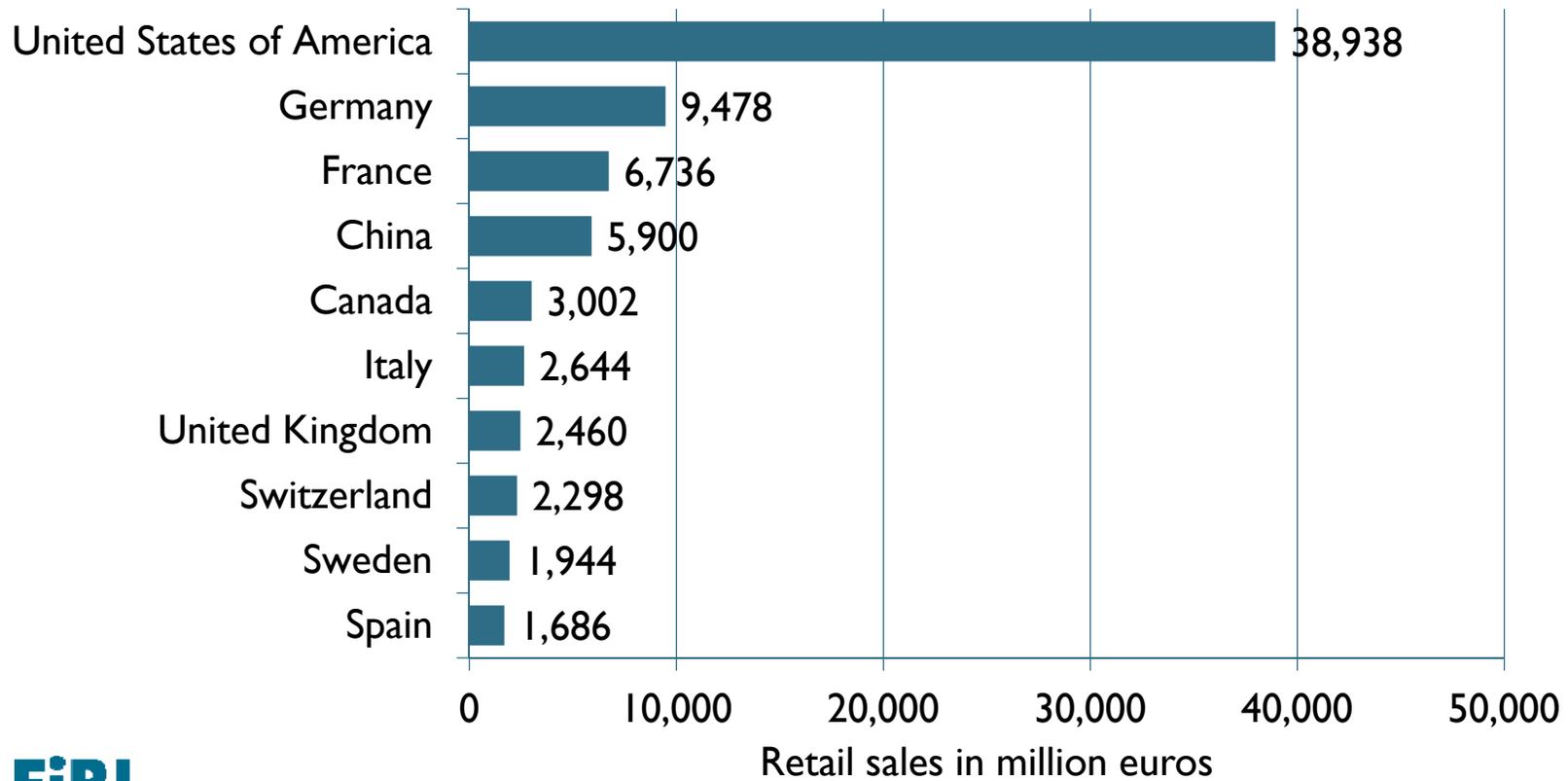
Source: FiBL-AMI survey 2018, based on retail sales with organic food



# World: The largest markets for organic food 2016

## The ten countries with the largest markets for organic food 2016

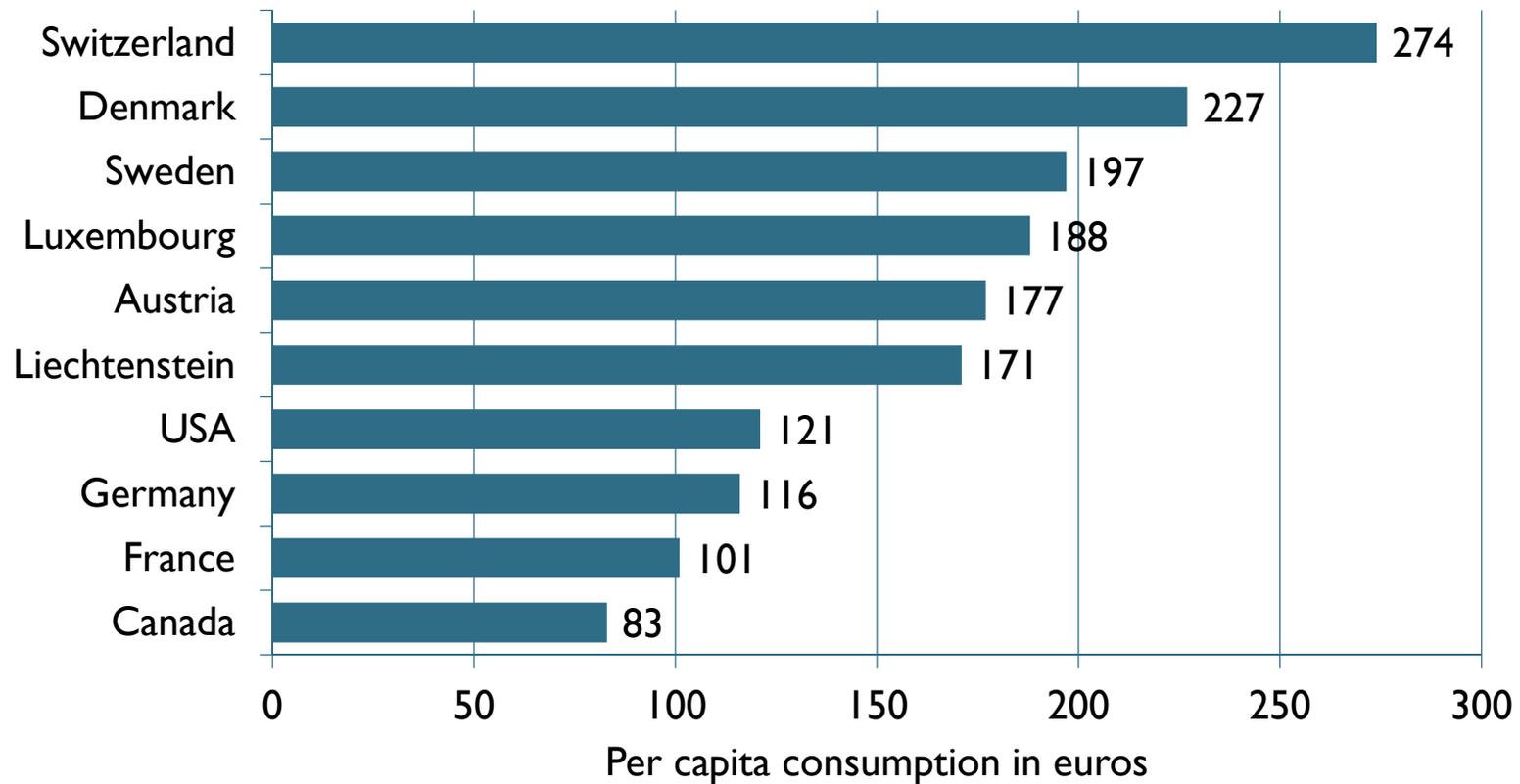
Source: FiBL-AMI survey 2018



# World: Per capita consumption 2016

## The ten countries with the highest per capita consumption 2016

Source: FiBL-AMI survey 2018



# The World of Organic Agriculture 2016

## Organic Farmland 2016



**57.8 m ha**

Organic farmland in million hectares

**178**

Countries with organic farming

**+15%**

From 2015

Top 3 countries (land in million of hectares)



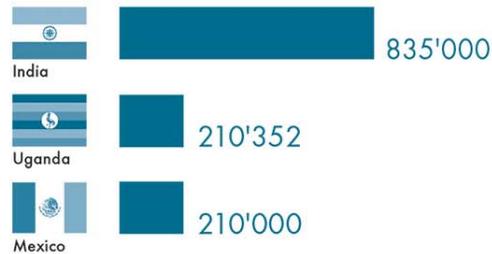
## Organic Producers 2016

The number of organic producers is increasing

**2.7 million** Organic farmers

**+12.8%** From 2015

Number of producers: Top 3 countries



## Organic Market 2016

The global market is growing and consumer demand is increasing

**More than 80 bn €** Global organic food market in billion euros

Top 3 countries (market in billion euros)



**21.8%** Organic market growth

**9.7%** Market share

**274 €** Highest per capita spending is in Switzerland

## Resources

- **«The World of Organic Agriculture» at [www.organic-world.net](http://www.organic-world.net)**
- **Slides and infographics at [www.organic-world.net](http://www.organic-world.net)**
- **Twitter.com/fiblstatistics**
- **Interactive maps at [www.organic-world.net](http://www.organic-world.net)**
- **Interactive data tables at [statistics.fibl.org](http://statistics.fibl.org)**
- **Interactive map at [www.ifoam-eu.org](http://www.ifoam-eu.org)**

# Presentations at [www.organic-world.net](http://www.organic-world.net)

## Organic World

Global organic farming statistics and news

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### The World of Organic Agriculture at BIOFACH 2018

The session on global organic farming and market trends will take place from 4 pm to 4.45 pm, on February 14, 2018 at BIOFACH, NürnbergMesse, Nürnberg, Germany.

(05/01/2018) At this session, the latest data on organic agriculture worldwide, regulations and organic markets will be presented and the 19th edition of The World of Organic Agriculture, the yearbook on global organic agriculture, will be launched.

#### Presenter

> Markus Arbenz, Executive Director, IFOAM - Organics International, Germany

#### Speakers

- > Dr. Helga Willer, Research Institute of Organic Agriculture FiBL, Switzerland
- > Julia Lernoud, Research Institute of Organic Agriculture FiBL, Switzerland
- > Beate Huber, Research Institute of Organic Agriculture FiBL, Switzerland
- > Amarjit Sahota, President Ecovia Intelligence, UK
- > Barbara Jäggin, SECO, Swiss Cooperation Office, Switzerland

#### Further information

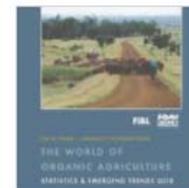
##### Contact

✉ [Helga Willer](mailto:Helga.Willer@fibl.org), FiBL, Frick, Switzerland

##### Link

> BIOFACH.de: [www.organic-world.net](http://www.organic-world.net) [The World of Organic Agriculture at BIOFACH 2018](http://www.organic-world.net)

### The World of Organic Agriculture 2018



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*World*

## Data on organic agriculture world-wide

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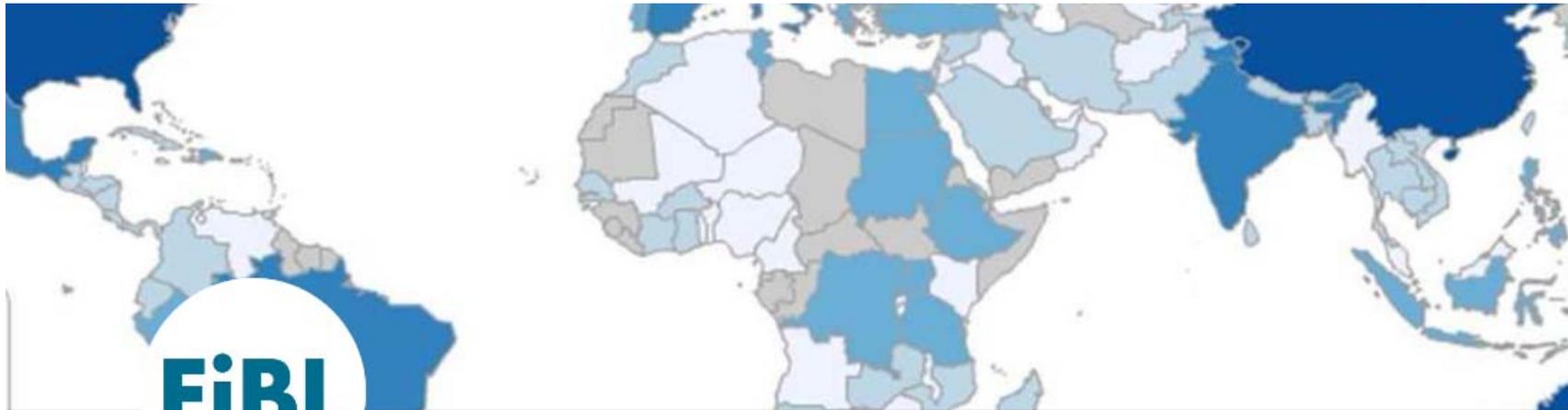
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## FiBL Statistics

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Organic farming statistics & country news from around the world, provided by the Research Institute of Organic Agriculture FiBL [fibl.org](http://fibl.org) @fiblorg

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Se unió en abril de 2015



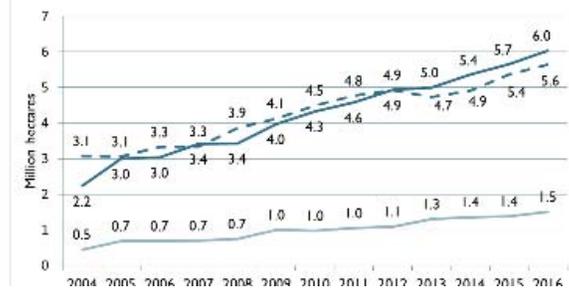
## Tweets Tweets y respuestas Multimedia

**FiBL** **FiBL Statistics** @FiBLStatistics · 1 feb.  
Organic arable crop area grew to 6 million hectares in 2016 (+7%). More information on organic farming in Europe is available in the 2018 edition of the [#WorldofOrganic](http://WorldofOrganic.net), European data launch @BioFachVivanes organic-world.net/index/news-org...

Traducir del inglés

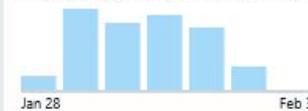
### Europe: Growth of area by land use type 2004-2016

Source: FiBL-AMI survey 2004-2018



## Tu actividad de Tweets

Tus Tweets consiguieron **4.448 impresiones** durante la última semana



Mira tus Tweets destacados

## A quién seguir - Actualizar - Ver todos

**Naturland e.V.** @Naturlan...  
Seguir

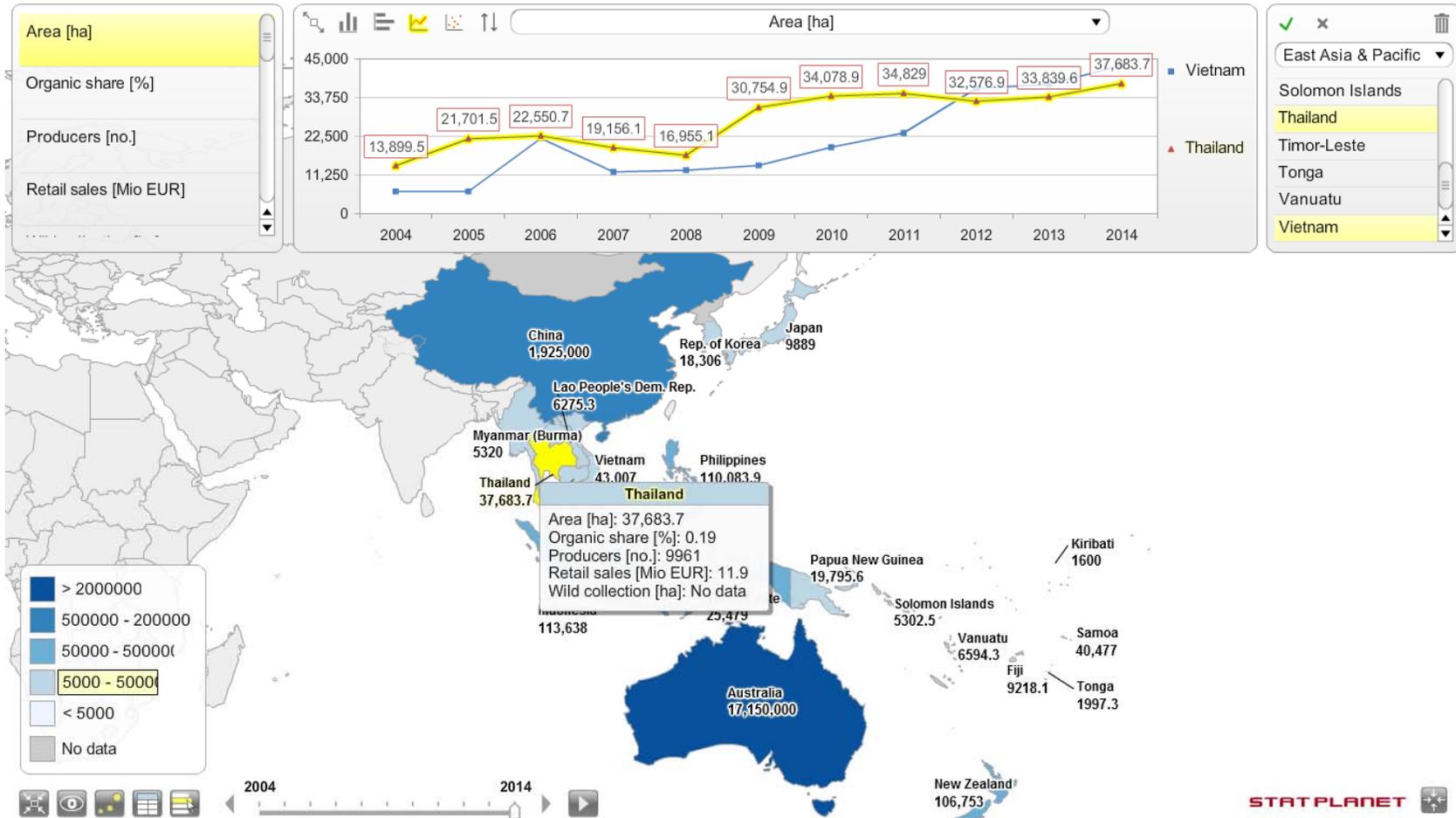
**Eduardo Cuoco** @Eduardo...  
Seguir

**Andre Leu** @Andreleu1

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# www.organic-world.net/statistics/statistics-data-tables/maps.html



# Summary

- In 2016 organic farming continued to grow all time highs for organic farmland, producers, market were reached.
- However, the development varies a lot between countries and regions.
- Other than in the past ten years, area growth is accelerating, however, particularly in Europe, production is still not keeping pace with the market development.
- For better monitoring of the development of the sector and to increase transparency, data collection and processing need to be improved in many countries, in particular for market and international trade data.

# The World of Organic Agriculture 2018

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**THE WORLD OF ORGANIC AGRICULTURE**  
**STATISTICS & EMERGING TRENDS 2018**

Region	Area (Million HA)
EUROPE	13.5
LATIN AMERICA	7.1
ASIA	4.9
NORTH AMERICA	3.1
AFRICA	1.9
OCEANIA	27.3

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Indicator	World	Leading countries
Countries with data on certified organic agriculture	2016: 178 countries	
Organic agricultural land	2016: 57.8 million hectares (1999: 11 million hectares)	Australia (27.1 million hectares) Argentina (3.0 million hectares) China (2.3 million hectares)
Share of total agricultural land	2016: 1.2 %	Liechtenstein (37.7 %) French Polynesia (31.3 %) Samoa (22.4%)
Further, non-agricultural organic areas (mainly wild collection)	2016: 39.9 million hectares	Finland (11.6 million hectares) Zambia (6.7 million hectares) India (4.2 million hectares)
Producers	2016: 2.7 million producers (1999: 200'000 producers)	India (835'000) Uganda (210'352) Mexico (210'000)
Organic market size	2016: 89.7 billion US dollars (more than 80 billion euros) (2000: 17.9 billion US dollars) Source: Ecovia Intelligence	US (43.1 billion US dollars; 38.9 billion euros) Germany (10.5 billion US dollars; 9.5 billion euros) France (7.5 billion US dollars; 6.7 billion euros)
Per capita consumption	2016: 12.1 US dollars (11.3 euros)	Switzerland (304 US dollars; 274 euros) Denmark (252 US dollars; 227 euros) Sweden (218 US dollars; 197 euros)
Number of countries with organic regulations	2017: 87 countries	
Number of IFOAM affiliates	2017: 1'003 affiliates from 127 countries	India - 111 affiliates; Germany - 88 affiliates; United States- 63 affiliates; China - 56 affiliates