



EXCELLENCE FOR SUSTAINABILITY



Organic Agriculture Worldwide 2017: Current Statistics

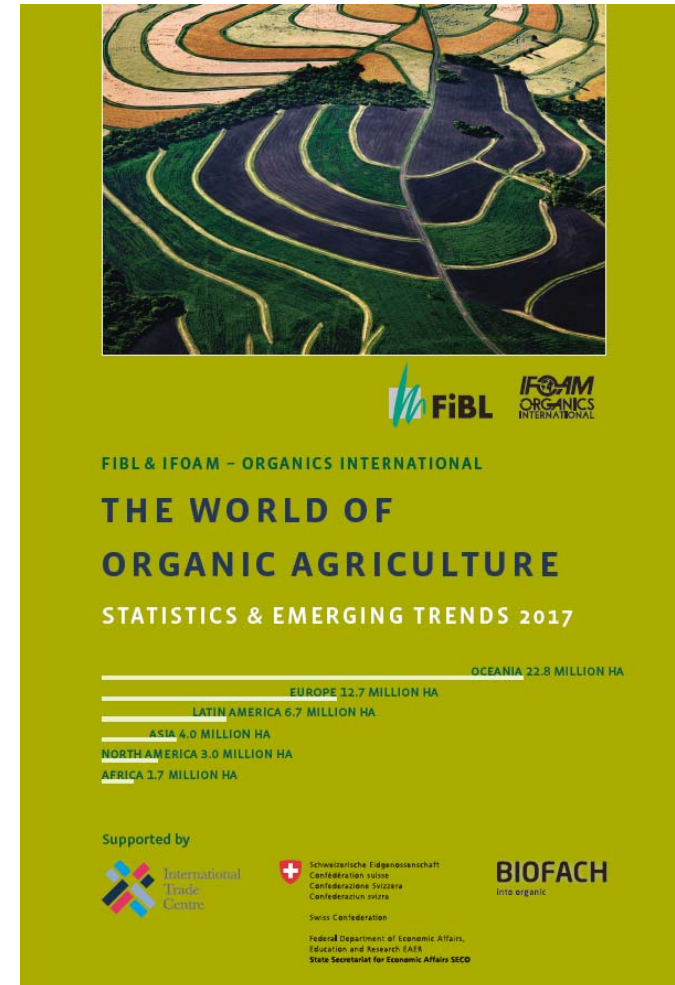
Helga Willer and Julia Lernoud, Research Institute of Organic Agriculture
(FiBL), Frick, Switzerland

BIOFACH 2017, February 15, 2017

The World of Organic Agriculture 2017

www.organic-world.net

- › The 18th edition of 'The World of Organic Agriculture', was published by FiBL and IFOAM – Organics International in February 2017.*
- › Data tables: Area including crop details, operators, retail sales (global and regional totals, country data)
- › Regional reports
- › Chapters on the global market, standards & regulations, PGS
- › Specials 2017: Policy support, Textile Exchange on organic cotton, Organic and Fairtrade Market, Metadata FiBL survey
- › **Get your copy at the FiBL Stand in Hall 1/555 or the stand of IFOAM - Organics International (1/451)**
- › **www.organic-world.net**



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



- › 200 experts from all parts of the world contributed to the FiBL survey 2017.

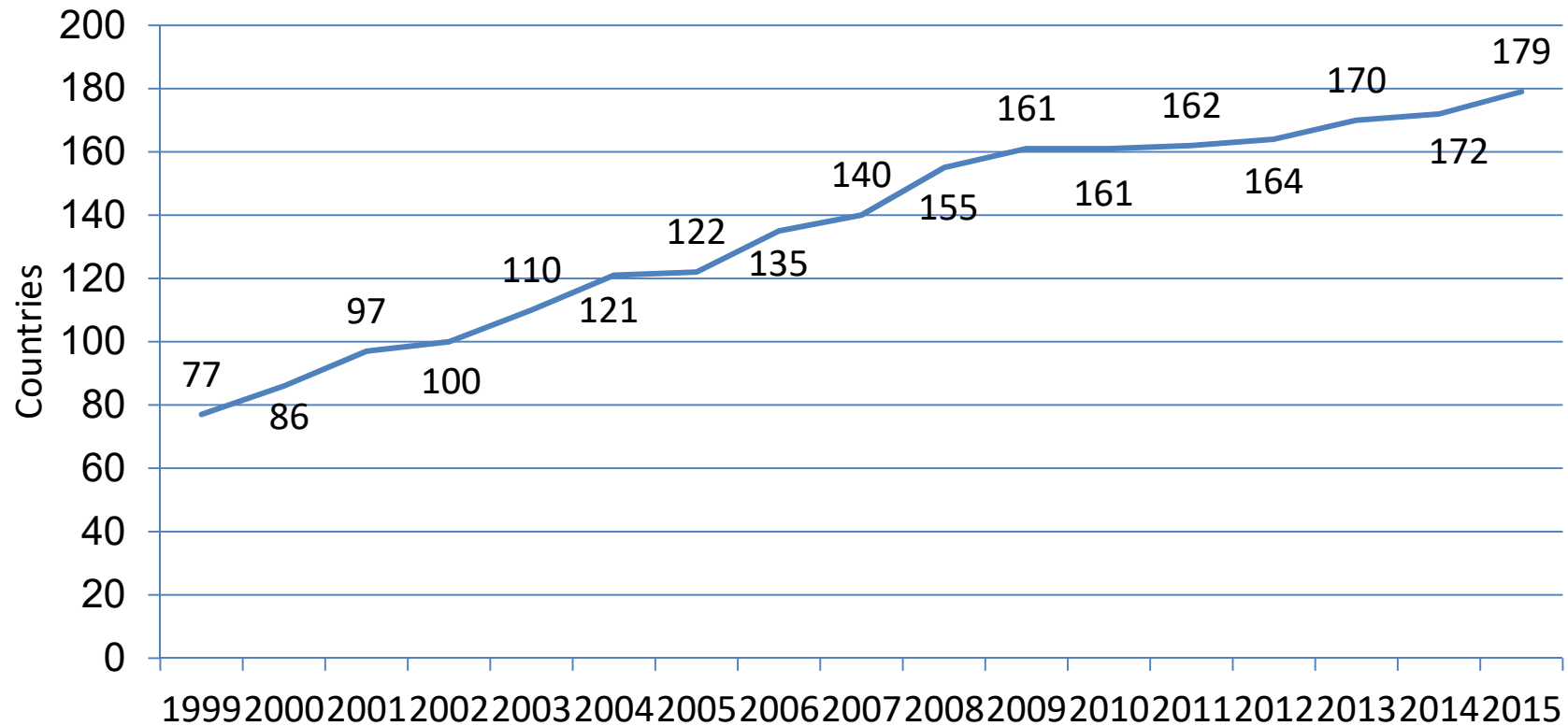
Another record year: Key data/indicators related to area and producers 2015

- › 179 countries have data on organic agriculture.
- › 50.9 million hectares of agricultural land are organic (including conversion areas).
- › 6.5 million hectares more than in 2014
- › 1.1 percent of the agricultural land is organic
- › In 11 countries 10 percent or more of the farmland is organic
- › 2.4 million producers were reported, more than three quarters are in developing countries.

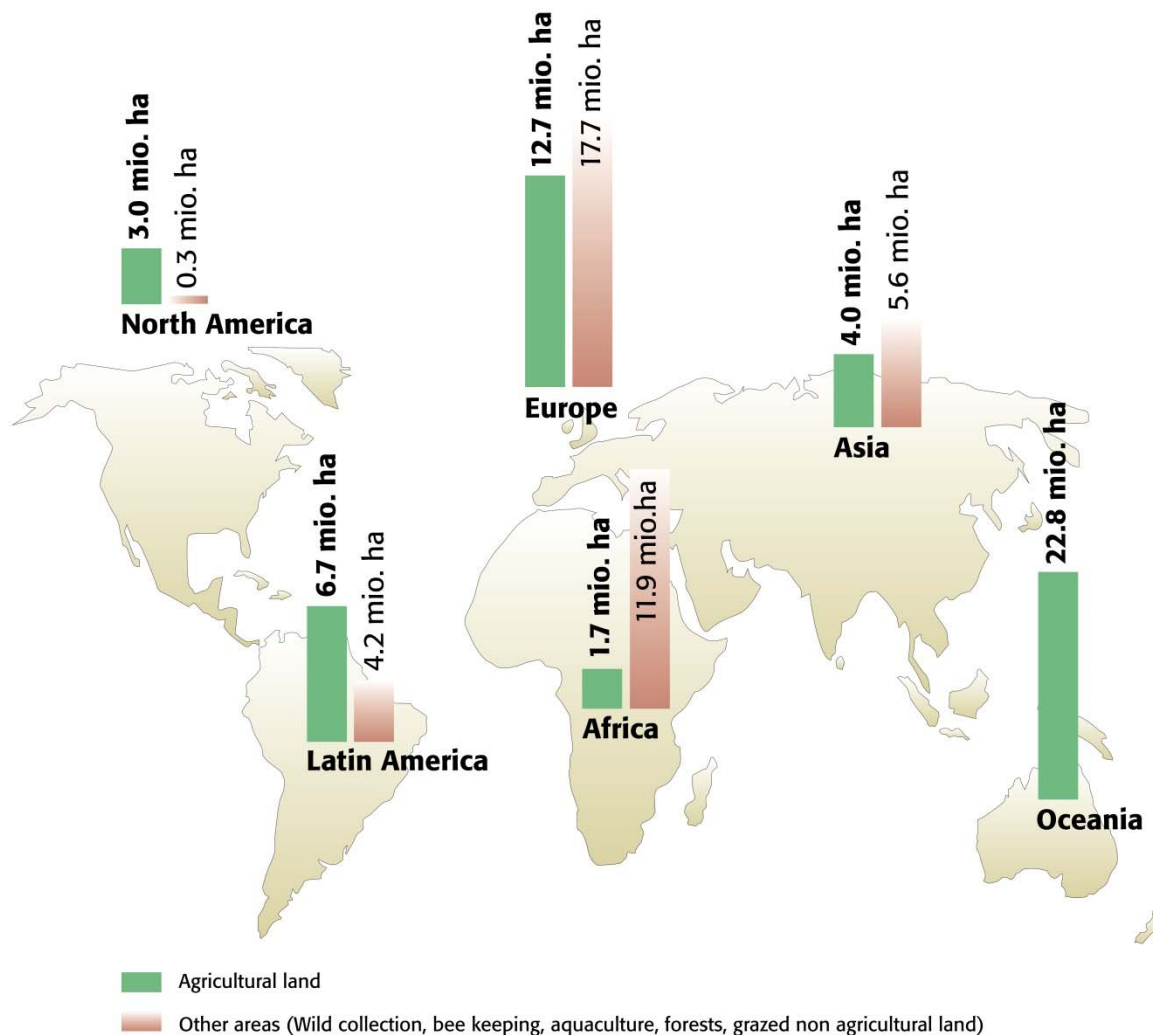
Development of the number of countries with data on organic agriculture

Development of the number of countries with data on organic agriculture

Source: FiBL-IFOAM-SOEL-Surveys 1999-2017



Organic agricultural land and other areas 2015

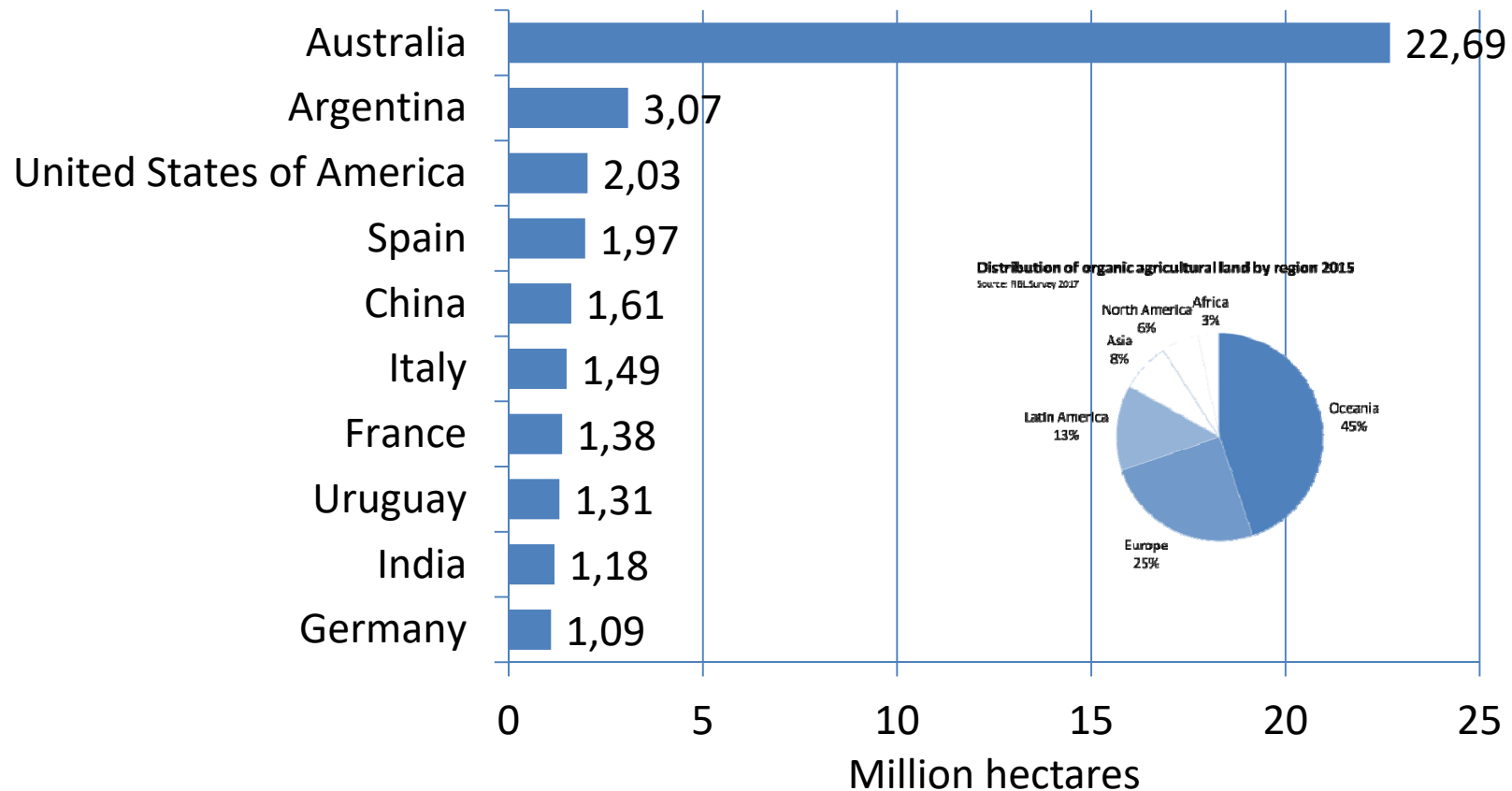


Source: FiBL Survey 2017, based on data from governments, the private sector and certifiers.

The ten countries with the most organic agricultural land 2015

The ten countries with the largest areas of organic agricultural land 2015

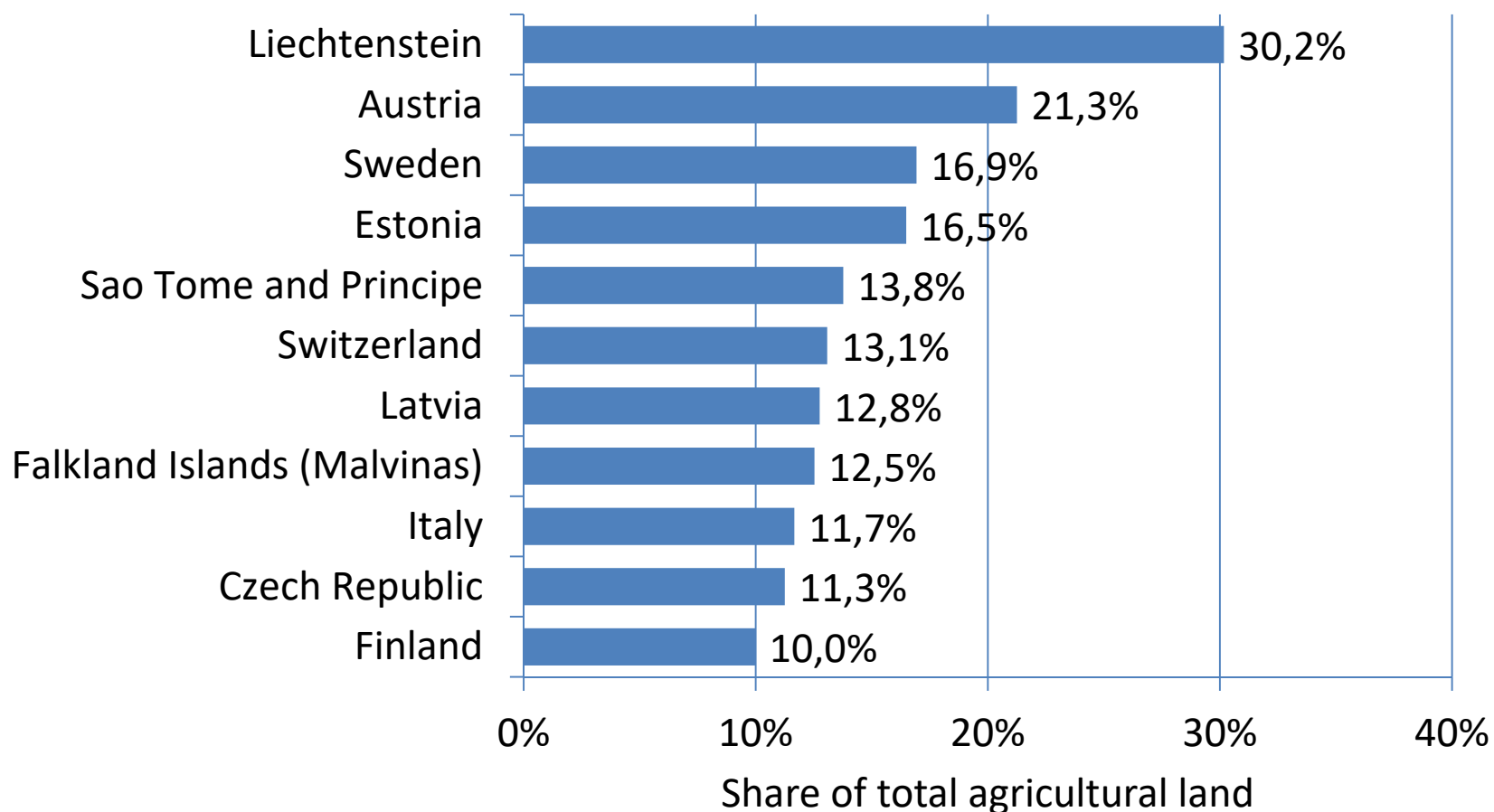
Source: FiBL survey 2017



The countries with the highest shares of organic agricultural land 2015

Countries with organic shares of at least 10 percent 2015

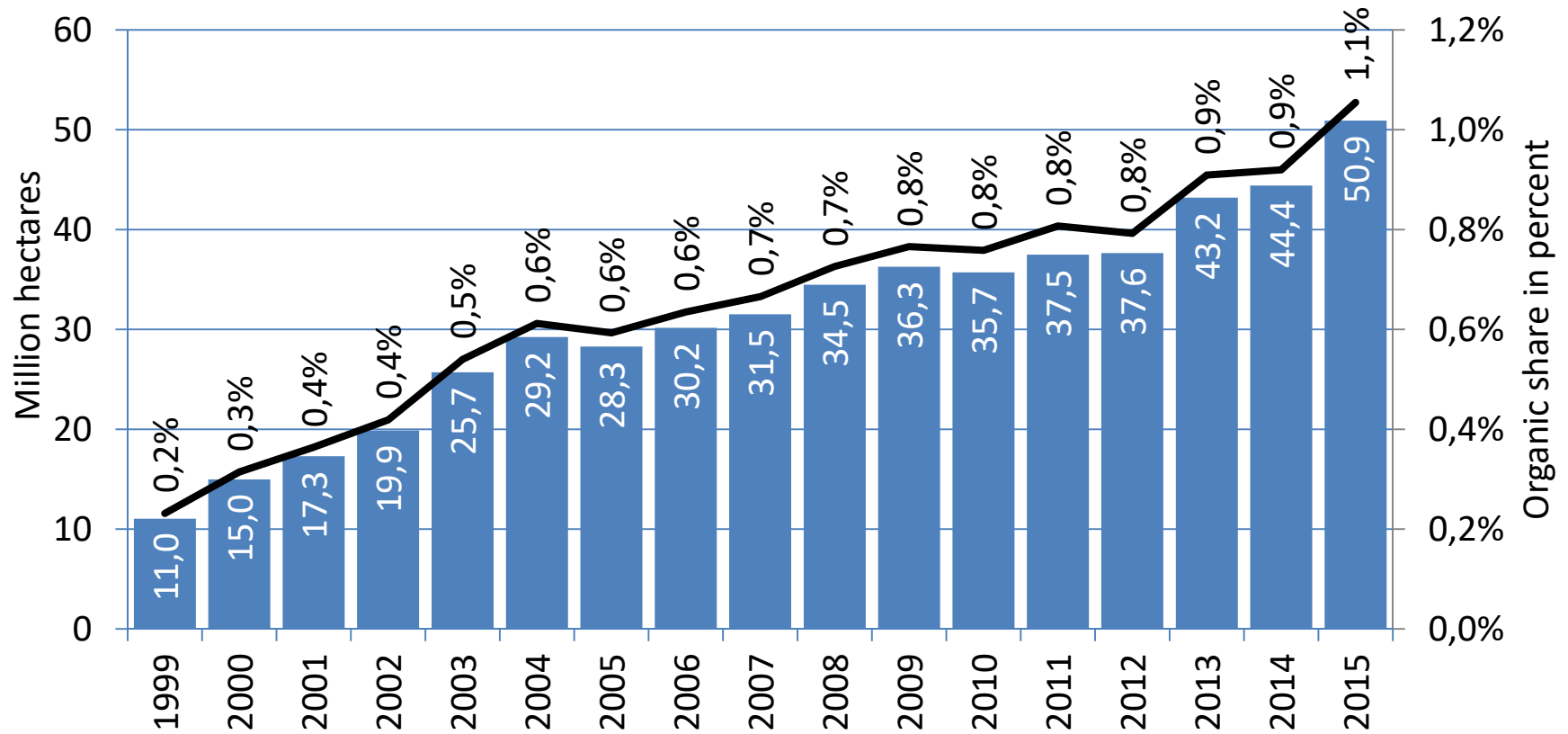
Source: FiBL survey 2017



World: Growth of the organic farmland and organic share 1999-2015

Growth of the organic agricultural land and organic share 1999-2015

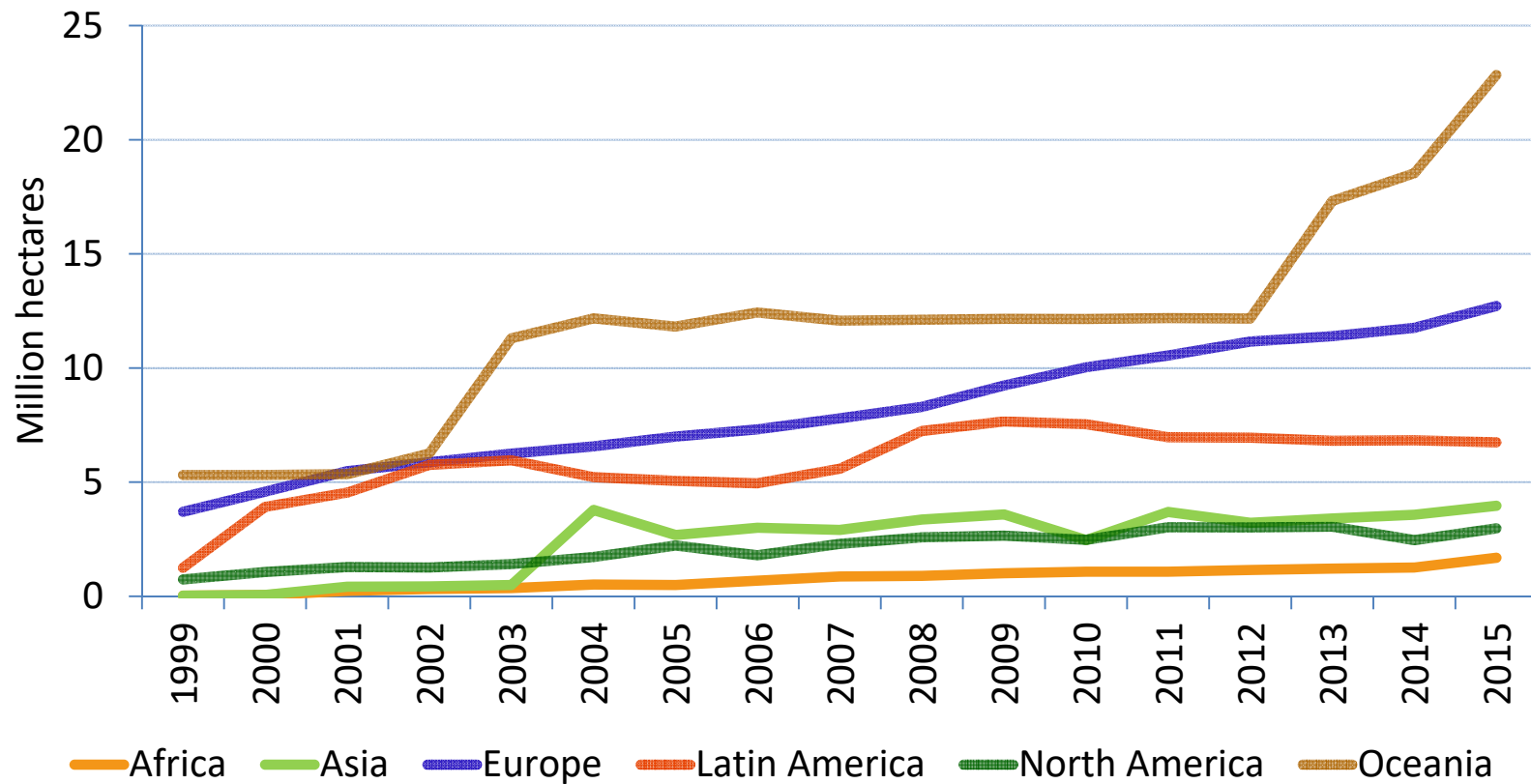
Source: FiBL-IFOAM-SOEL-Surveys 1999-2017



World: Growth of organic agricultural land by region 2015

Growth of the organic agricultural land by continent 1999-2015

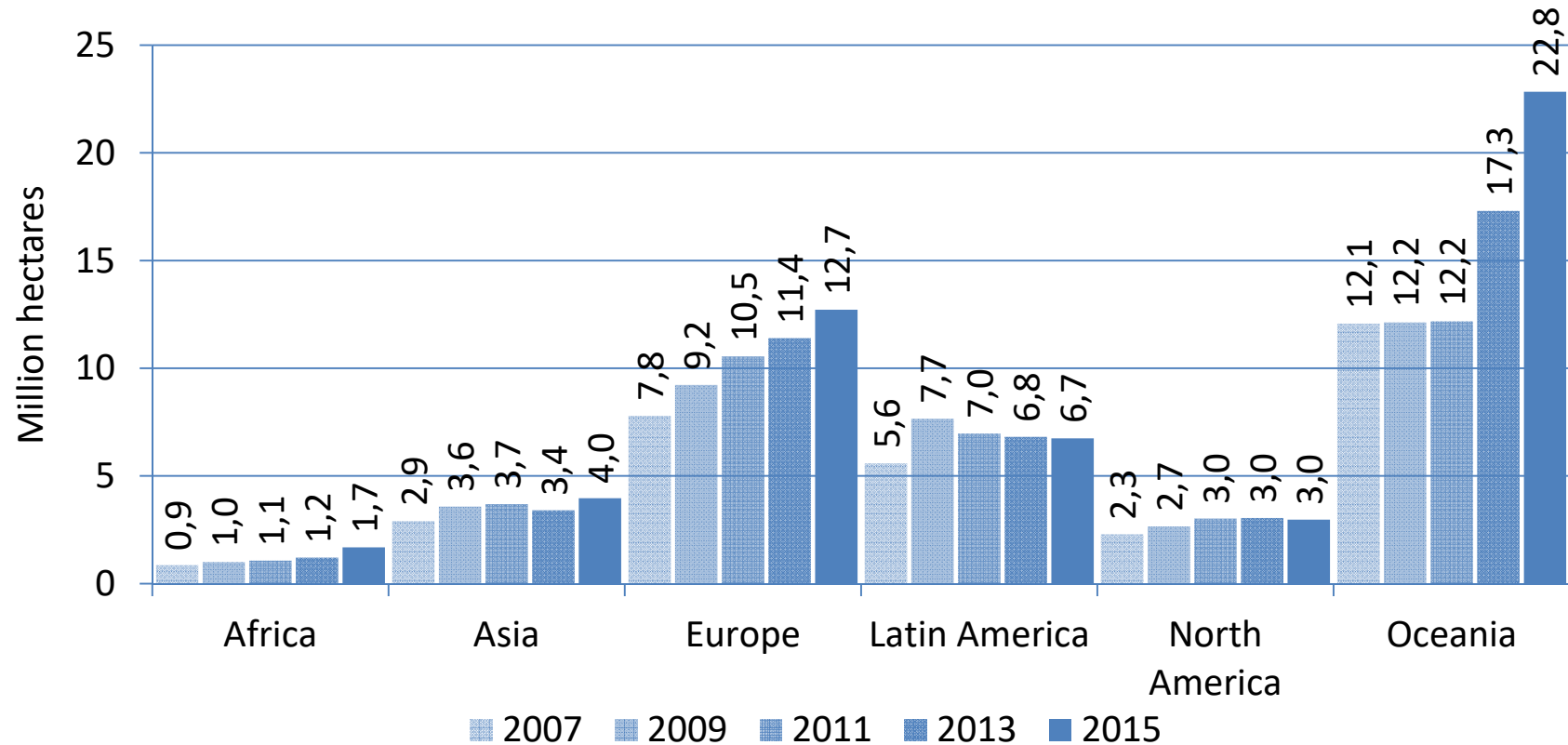
Source: FiBL-IFOAM-SOEL-Surveys 1999-2017



World: Growth of organic farmland by continent 2015

Growth of the organic agricultural land by continent 2006-2015

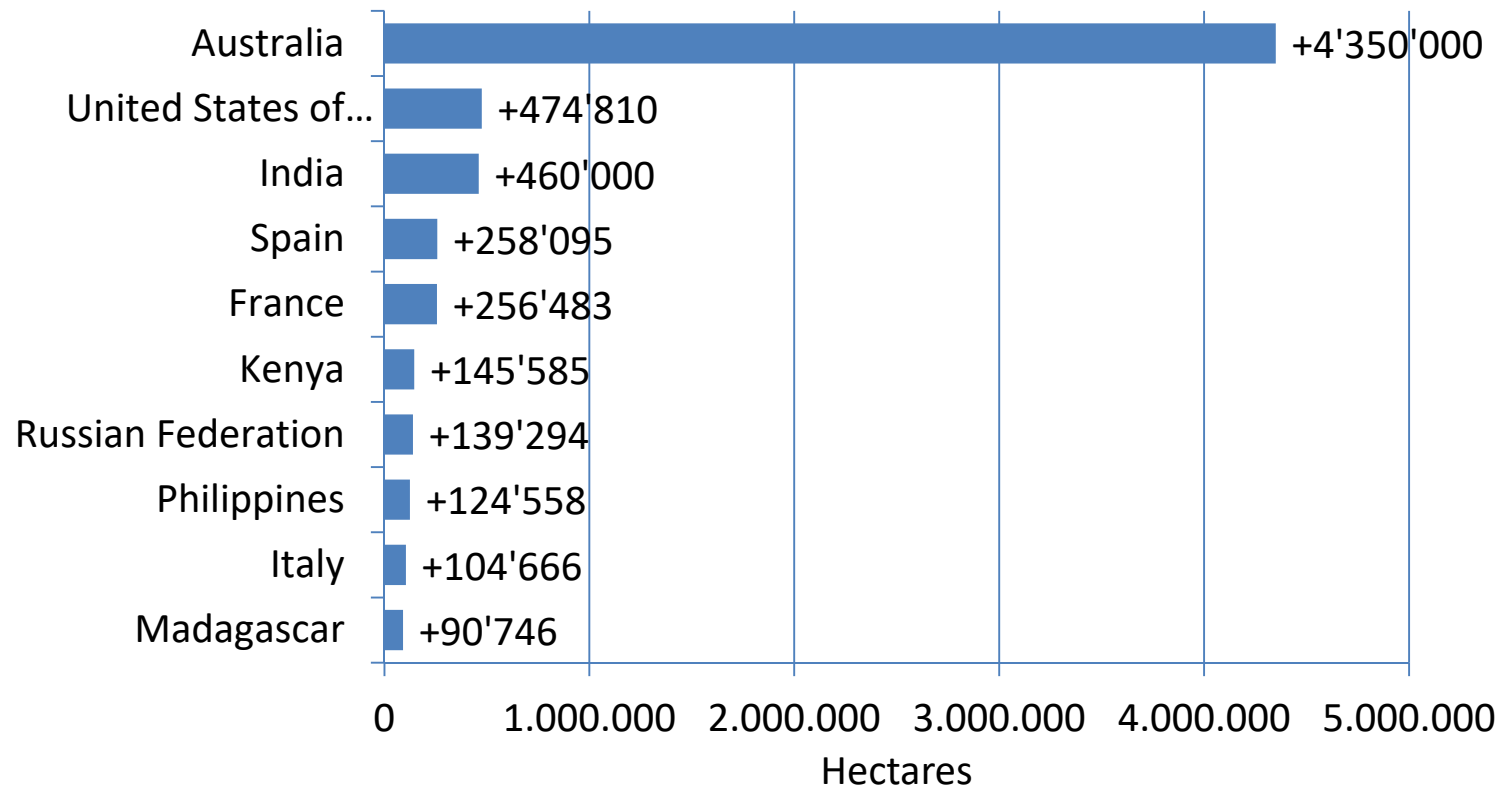
Source: FiBL-IFOAM survey 2008-2017



World: Growth of organic farmland 2014-2015

The ten countries with the highest increase of organic land 2015

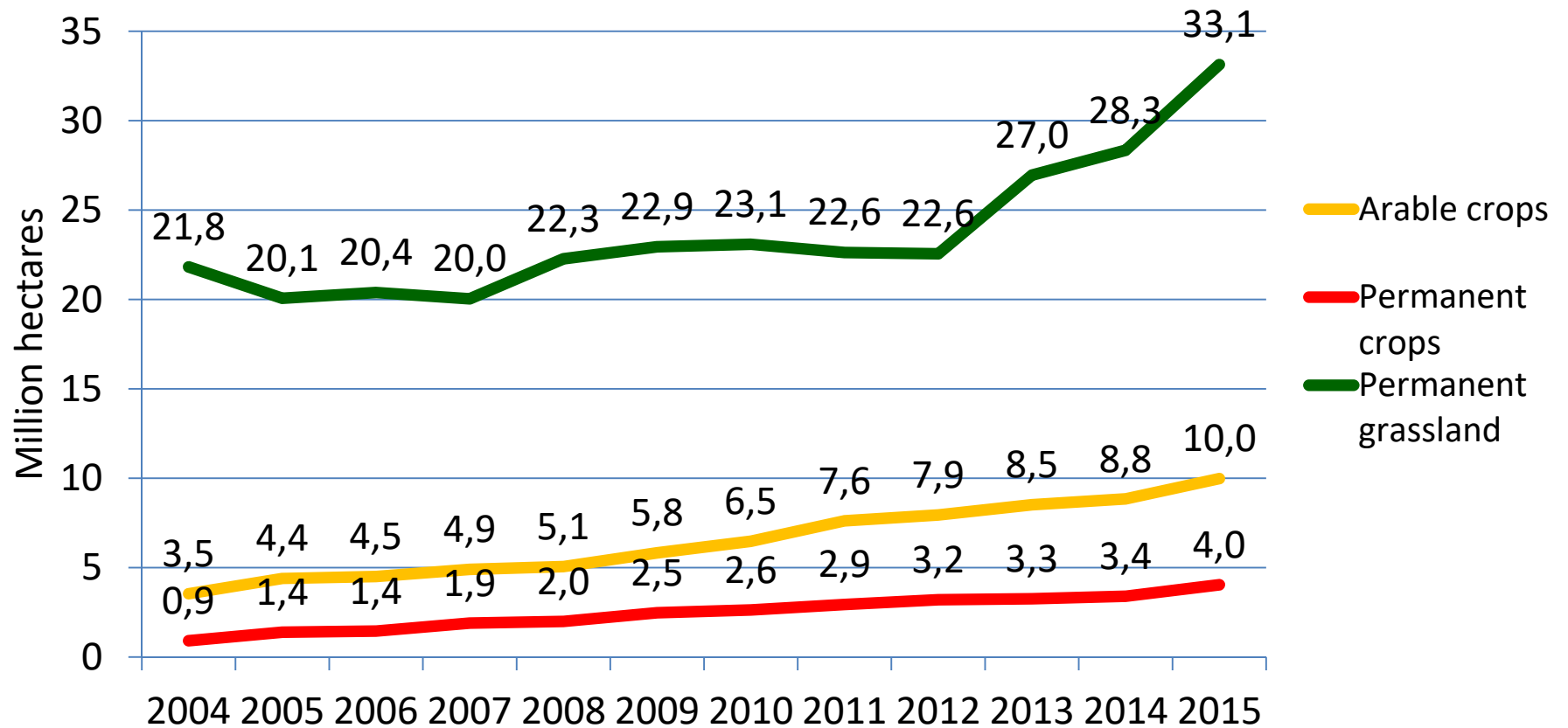
Source: FiBL survey 2017



World: Development of land use types in organic agriculture 2004-2015

Development of the organic land by land use type 2004-2015

Source: FiBL-IFOAM-SOEL-Surveys 1999-2017

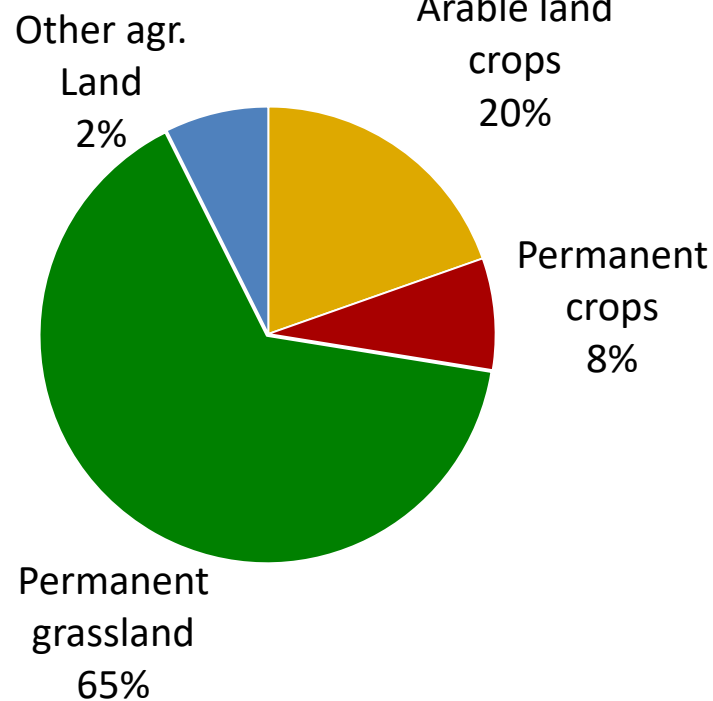


World: Use of organic agricultural land 2015 (total: 50.9 million hectares)

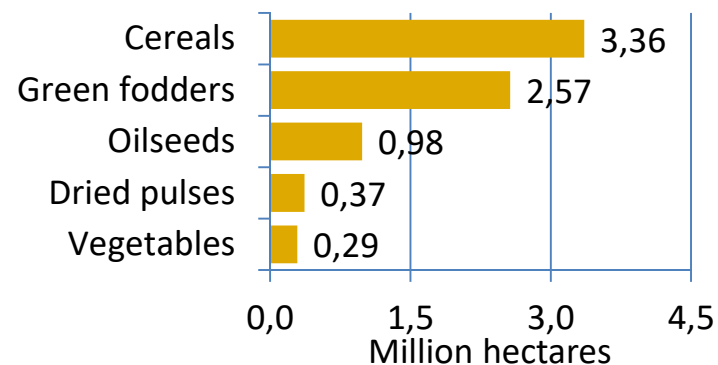
Distribution of main land use types and crop categories 2015

Source: FiBL Survey 2017; based on information from the private sector, certifiers, and governments.

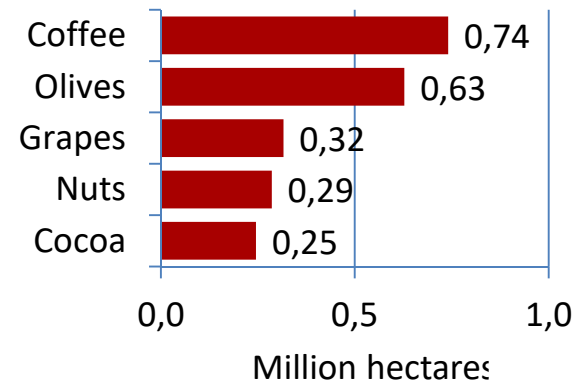
Land use types 2015



Key arable crops



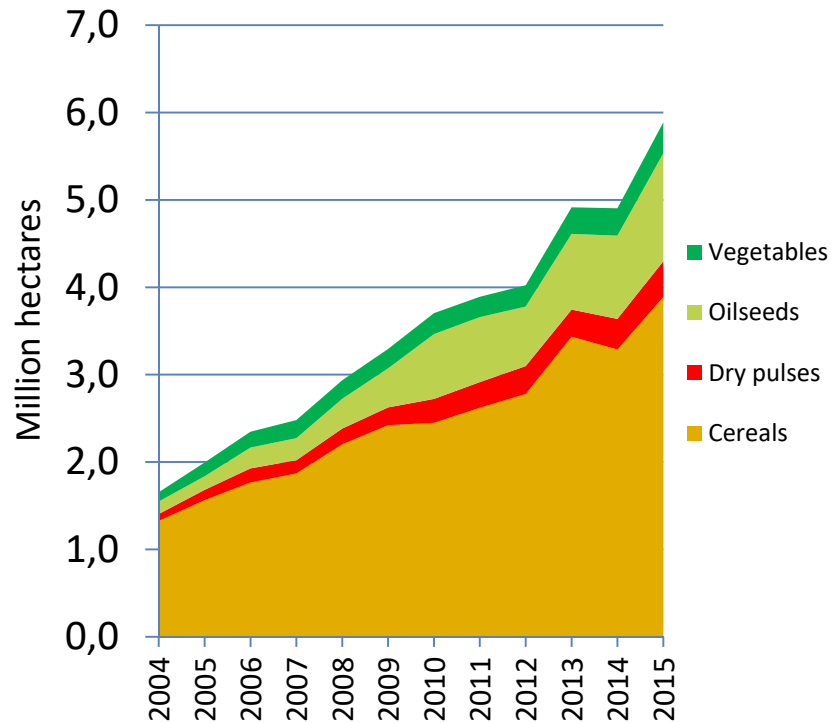
Key permanent crops



Development of organic arable and permanent crops/crop groups 2004-2015

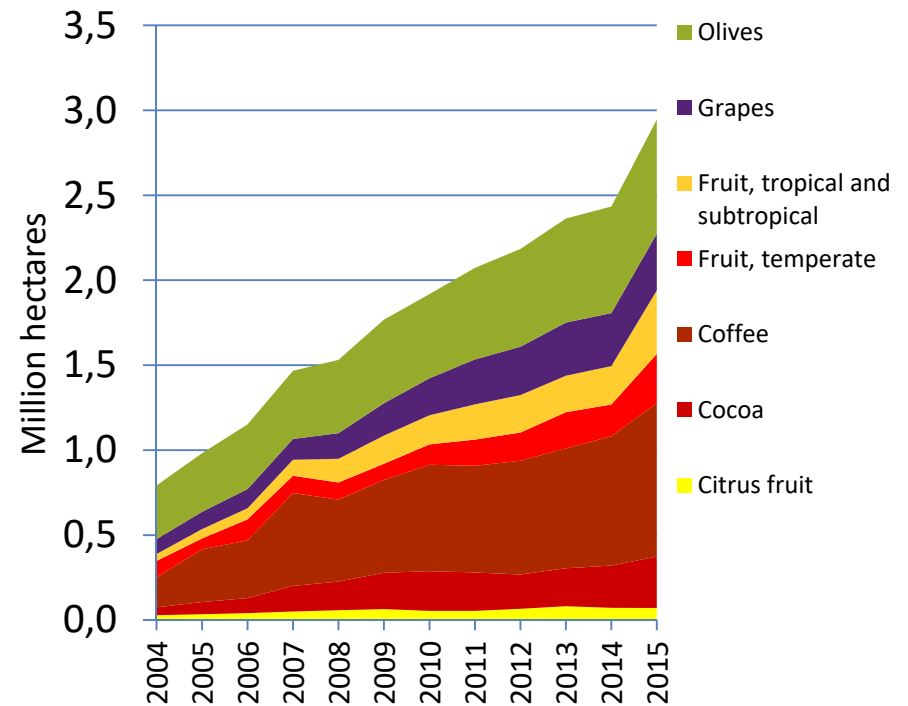
Development of organic arable crop groups 2004-2015

Source: FiBL-IFOAM-SOEL survey 2006-2017



Development of organic permanent crops/crop groups 2004-2015

Source: FiBL-IFOAM-SOEL survey 2006-2017



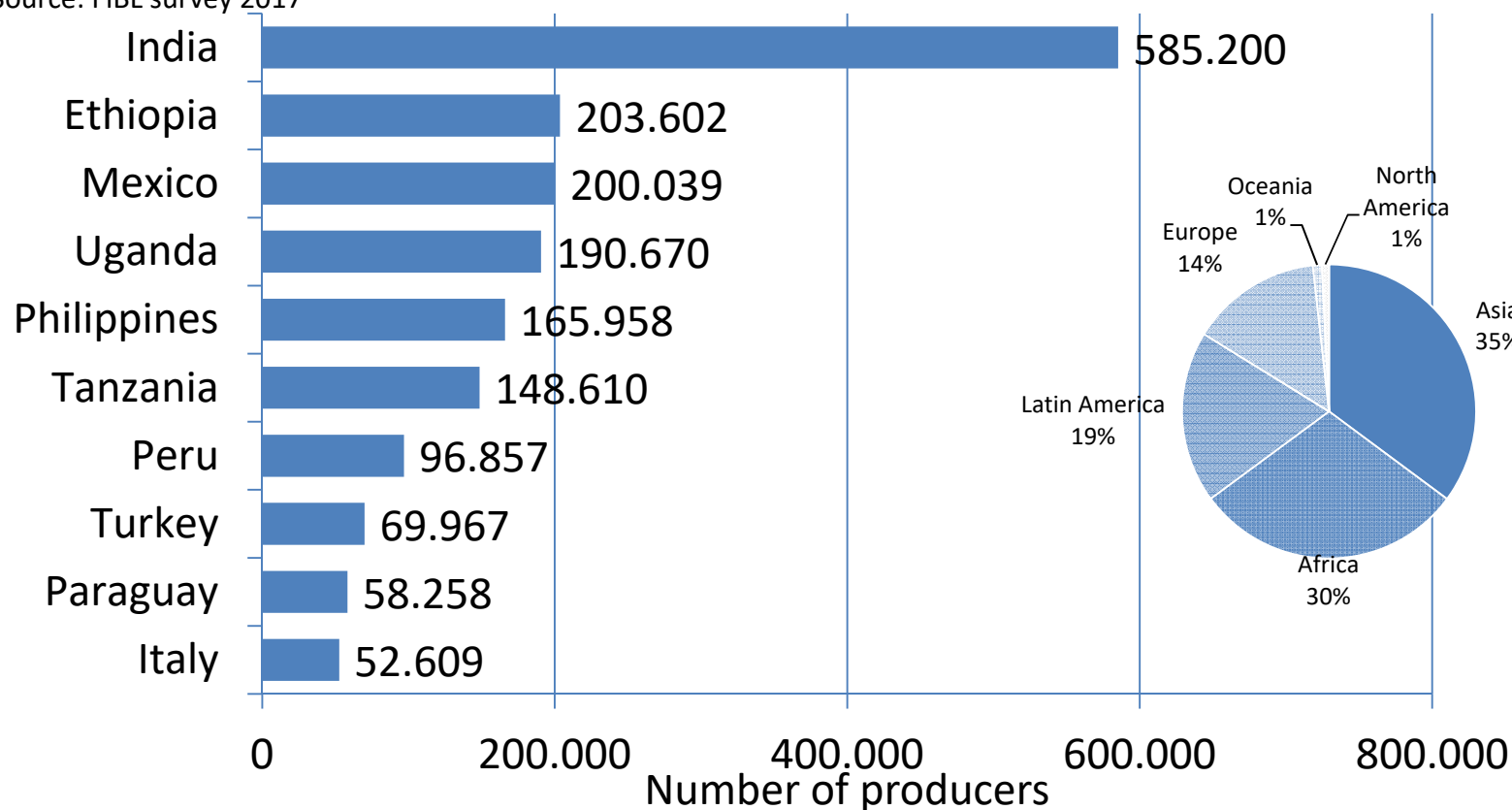
Organic producers 2015

- › For the current survey, a total of almost 2.4 million organic producers were reported.
- › According to the data obtained, more than three quarters of the producers are located in developing and transition countries.
- › The country with the most producers is India (585'200), followed by Ethiopia (203'302) and Mexico (200'039).
- › It should be noted that not all certifiers reported the number of producers; their number is probably higher than 2.4 million.

World: The ten countries with the largest numbers of organic producers 2015

The ten countries with the largest numbers of organic producers 2015

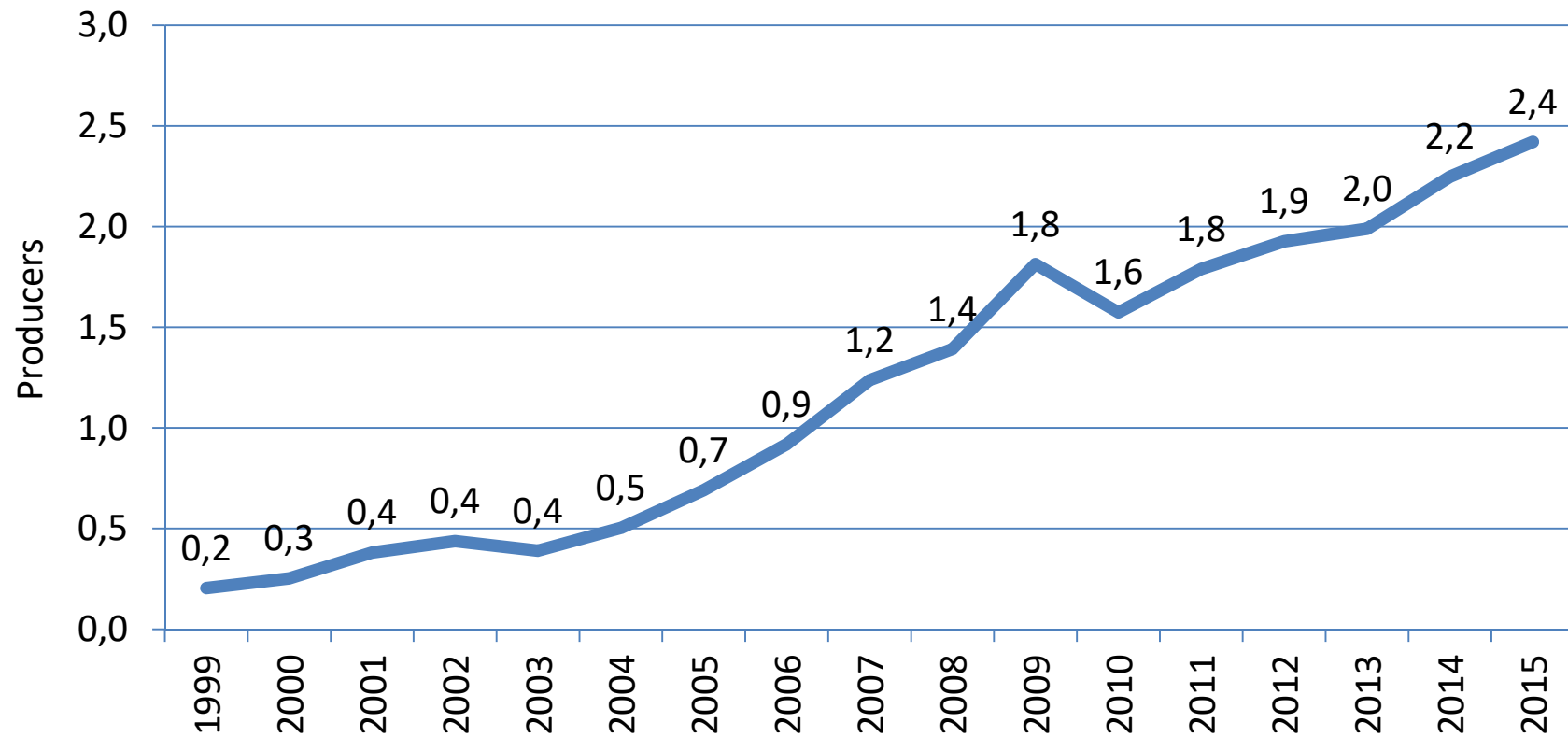
Source: FiBL survey 2017



World: Development of organic producers 1999-2015

Development of the number of organic producers 1999-2015

Source: FiBL-IFOAM-SOEL-Surveys 1999-2017

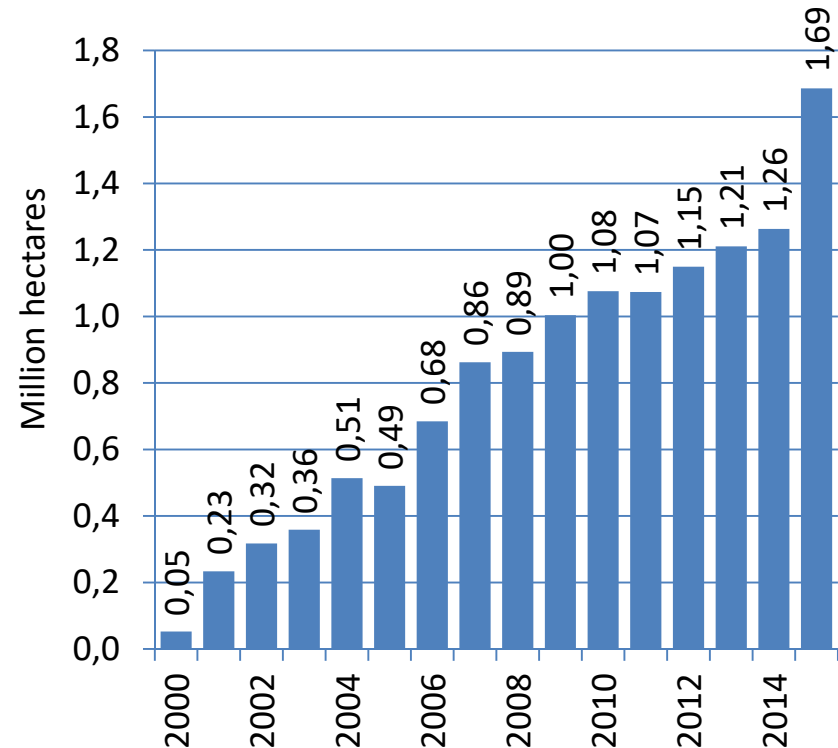


Organic by continent: Africa

- › Continual growth of organic area; in 2015 strong growth of tropical fruit (avocados) and cocoa
- › Major focus on exports, but domestic markets are growing, e.g. Kenya
- › Strategic plan for organic ecological agriculture, endorsed by the African Union
- › Only few countries have a legislation
- › Very few countries have a national data collection system, FiBL collects data among international certifiers
- › More information: Article from Jordan Gama and Ngungjiri in “The World of Organic 2017”

Africa: Development of organic agricultural land 2000 to 2015

Source: FiBL-IFOAM-SOEL 2001-2017

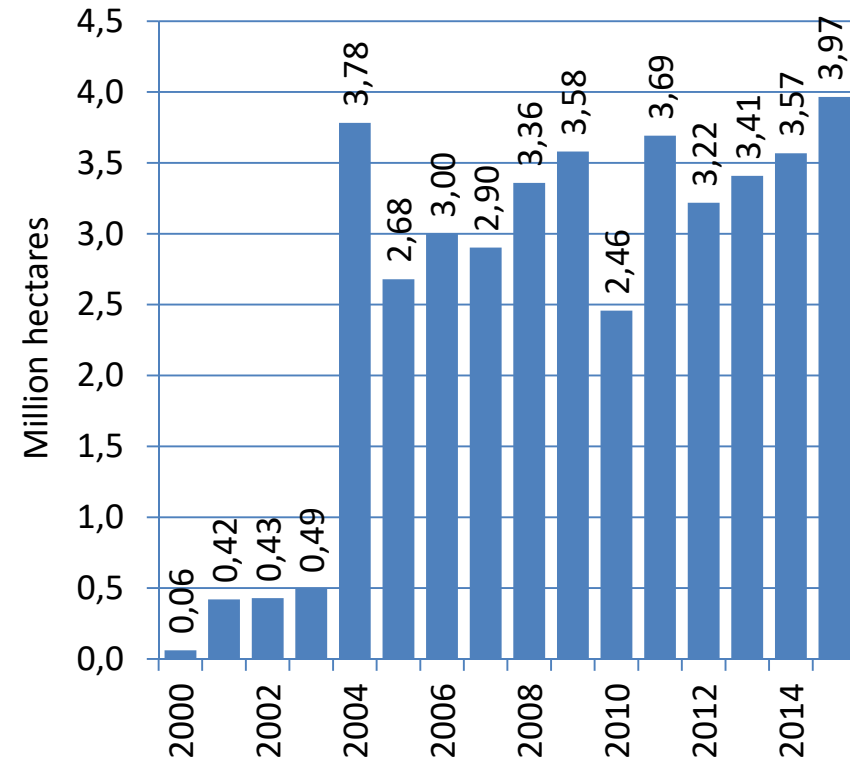


Organic by continent: Asia

- › Asia is a major exporter of organic products, but the domestic market is growing strongly
- › China is the largest market in the region
- › Very dynamic development in many countries
- › Government support (including for PGS) in many countries
- › Sikkim is the first organic state
- › More information: chapter by IFOAM Asia in “The World of Organic Agriculture 2017”.

Asia: Development of organic agricultural land 2000 to 2015

Source: FiBL-IFOAM-SOEL 2002-2017

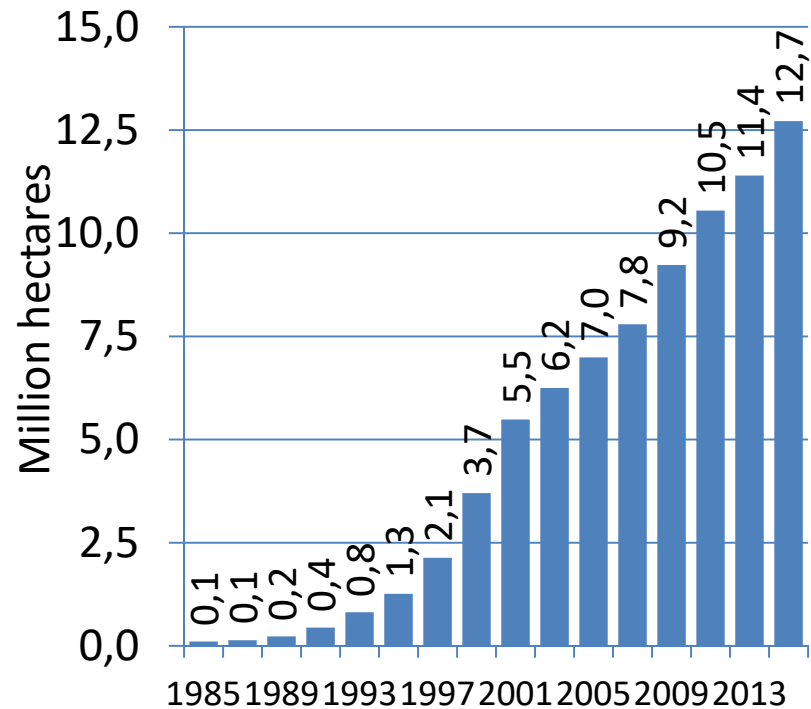


Organic by continent: Europe

- › Dynamic growth of area and market
- › Production grows slower than demand
- › Highest organic market shares and highest per capita consumption is in Europe
- › Discussion on EU regulation
- › More information: Chapter by Willer et al. in "The World of Organic Agriculture 2017."

Europe: Development of organic agricultural land 1985-2015

Source: FiBL-AMI surveys

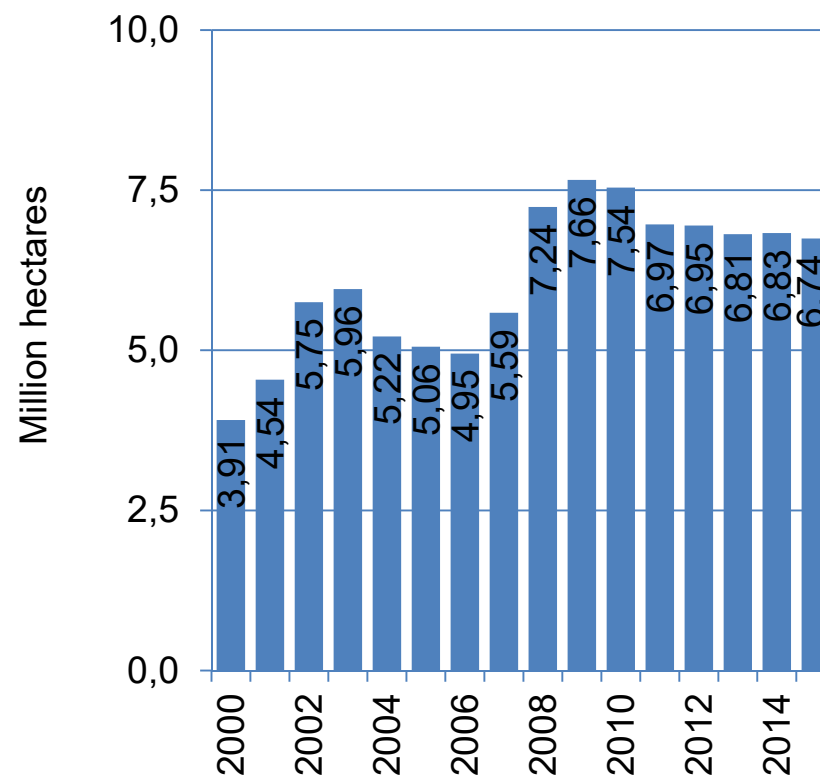


Organic by continent: Latin America and Caribbean

- › Latin America is a major exporter of organic products
- › Many country have an organic legislation
- › Economic crisis has led to a decrease of government support; however many local governments support organic agriculture.
- › More information: Article by Flores in “The World of Organic Agriculture 2017”

Latin America and Caribbean:
Development of organic agricultural land
2000 to 2015

Source: FiBL-IFOAM-SOEL 2002-2017

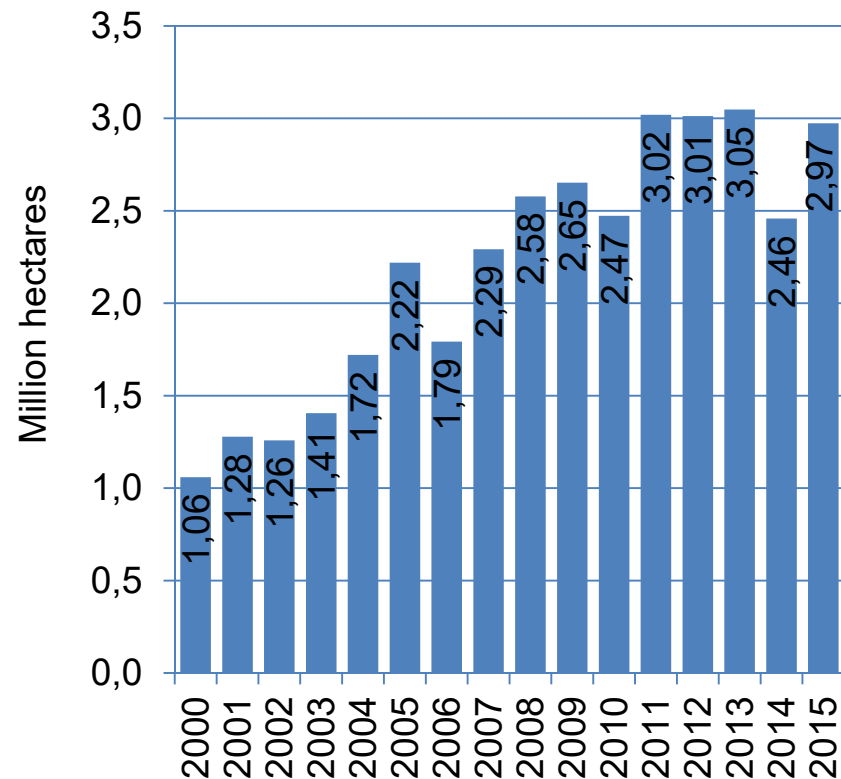


Organic by continent: North America

- › Area grows slower than the market, particularly in the US
- › The US is the largest organic market worldwide; by region, North America has the largest market
- › New development: Check-off programme to support organic production, marketing and research.
- › Source: Articles by Haumann and Levert & Guerra in “The World of Organic Agriculture 2017”

North America: Development of organic agricultural land 2000-2015

Source: COG-COTA and USDA, 2001-2016

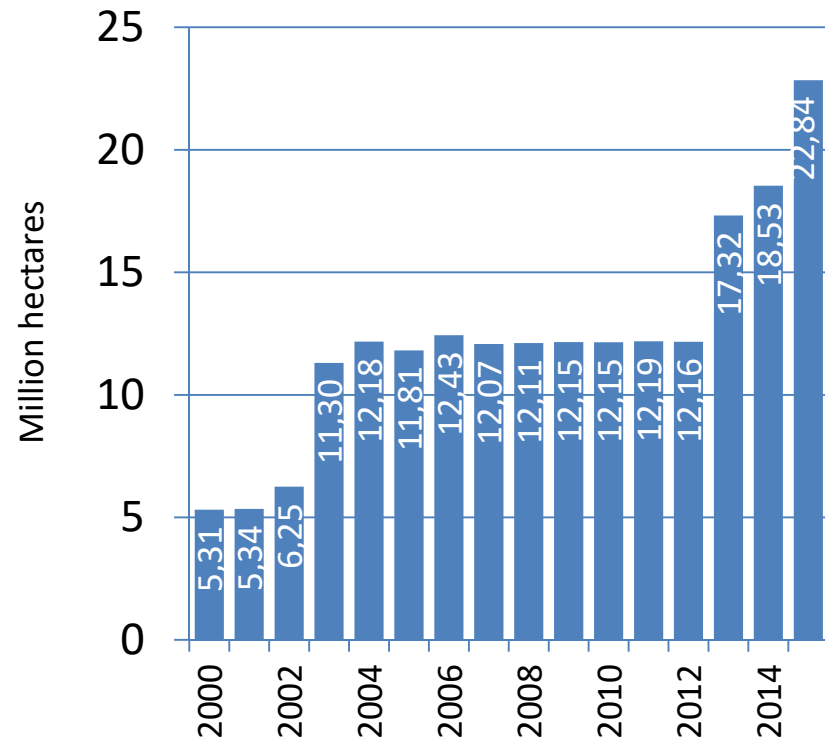


Organic by continent: Oceania

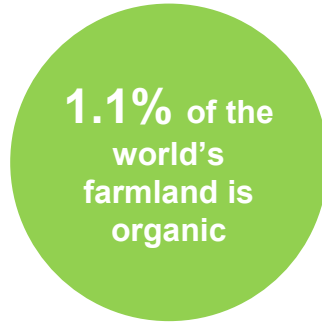
- › Strong area development due to increase of organic farmland in Australia, most of which are extensive grazing areas for beef cattle.
- › Pacific Islands: Organic farming recognized as a development tool (Policy toolkit); Organic Tourism and Hospitality standard to link organic farming and tourism.
- › More information: Articles by Lawson et al. and Mapusua in “The World of Organic Agriculture 2017”

Oceania: Development of organic agricultural land 2000-2015

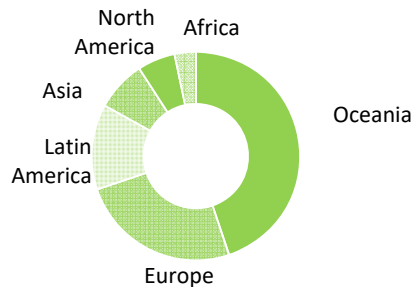
Source: FiBL-IFOAM-SOEL 2002-2017



WORLD: ORGANIC FARMLAND 2015

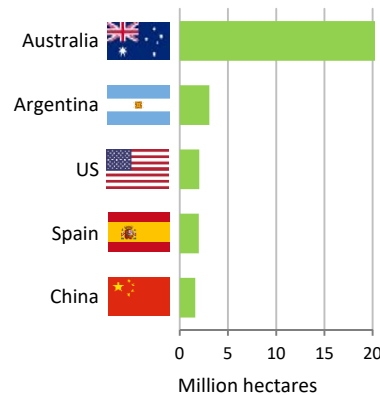


In Oceania there were 22.8 Mio ha, in Europe 12.7 Mio ha, and in Latin America 6.7 Mio ha.



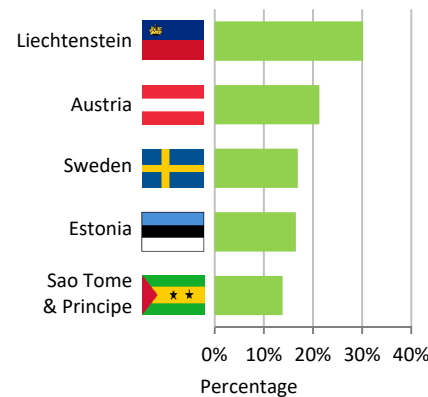
Distribution of organic agricultural land by region 2015

The ten countries with the largest organic agricultural areas represent 74% of the world's organic agricultural land.



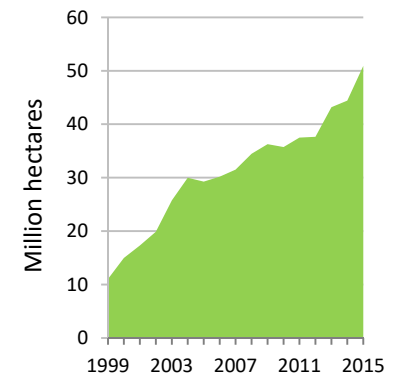
The five countries with the largest areas of organic agricultural land 2015

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



Top 5 countries, where more than 10 percent of the farmland is organic 2015

In 2015, almost 6.5 million hectares more were reported compared with 2014.

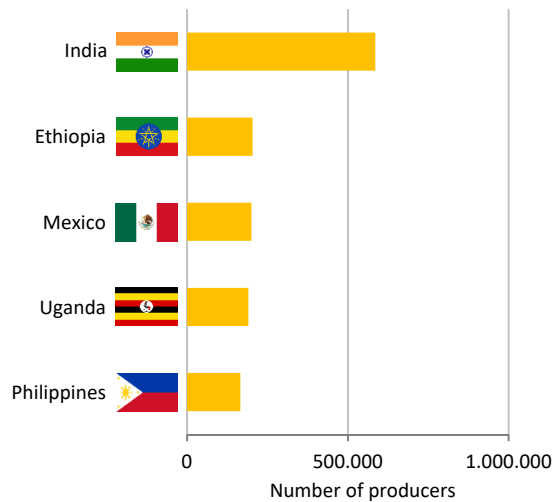


Growth of the organic agricultural land 1999-2015

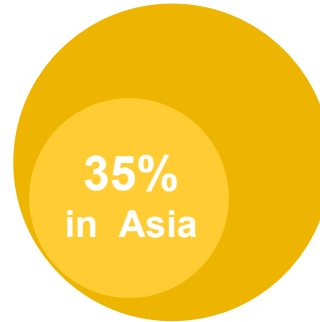
WORLD: ORGANIC PRODUCERS 2015



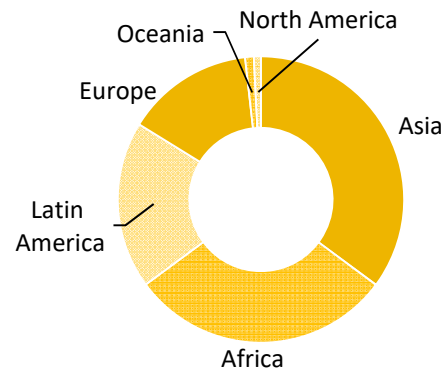
The country with the most organic producers is India, followed by Ethiopia and Mexico.



The five countries with the largest numbers of organic producers 2015



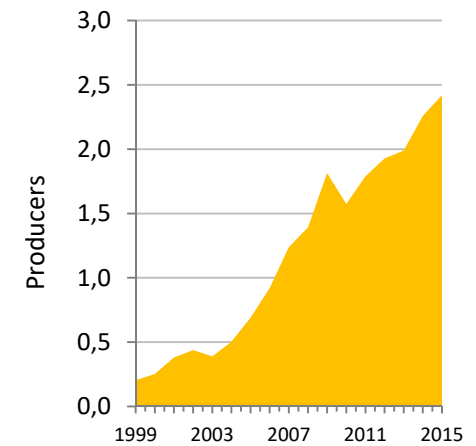
More than 84% of the producers are in Asia, Africa, and Latin America.



Distribution of organic producers by region 2015



There has been an increase in the number of producers by more than 160'000, or over 21% since 2014.

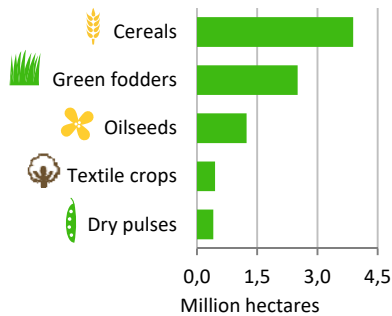
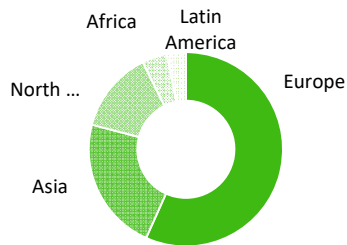


Development of the number of organic producers 1999-2015

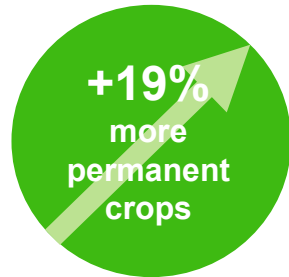
WORLD: ORGANIC LAND USE 2015



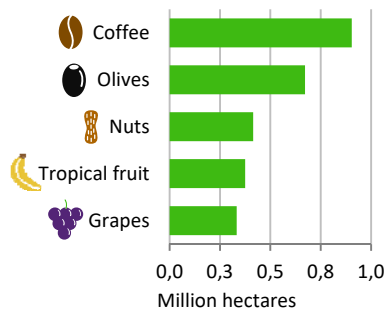
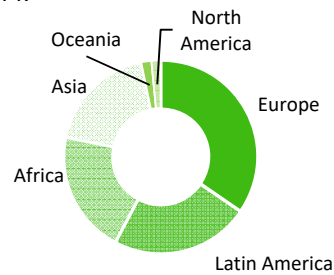
Arable land represents 0.7% of the world's arable crop land, 10 Mio ha, and 19.6% of the world's organic agricultural land. It increased by 12.9% over 2014.



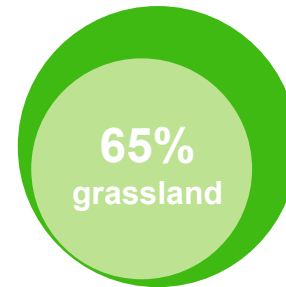
Organic arable land by region 2015
Organic arable land: Key crops 2015



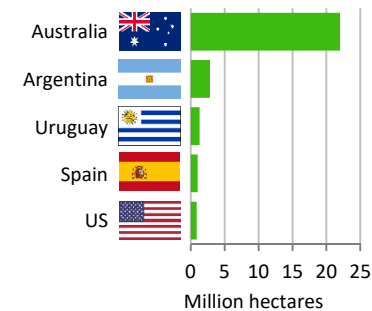
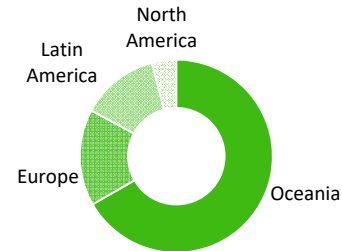
Organic permanent crops represent 2.5% of the world's permanent cropland, 4 Mio ha, and a 8% of the organic agricultural land. They increased by 19% over 2014.



Organic permanent crops by region 2015
Organic permanent crops: Key crops 2015



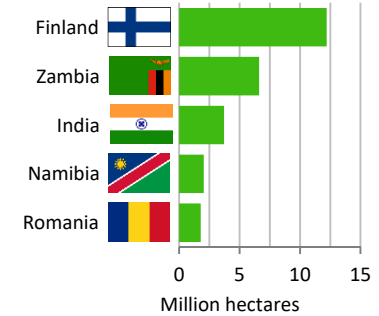
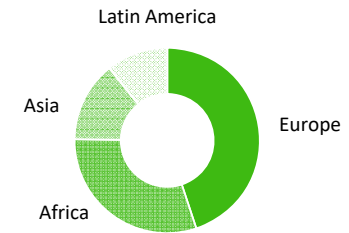
Permanent grassland represents 1.0% of the world's permanent grassland, 33.1 Mio ha, and a 65% of the organic agricultural land. It increased by 17% over 2014.



Organic permanent grassland by region 2015
Organic permanent grassland: The five countries with the largest areas 2015



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



Organic wild collection by region 2015
Organic wild collection: The five countries with the largest areas 2015

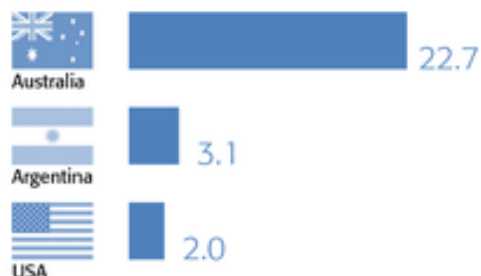
The World of Organic Agriculture 2015

Organic Land 2015



- 50.9m ha Organic farmland
- 179 Countries with organic farming
- +14.7% From 2014

Top 3 countries (land in millions of hectares)

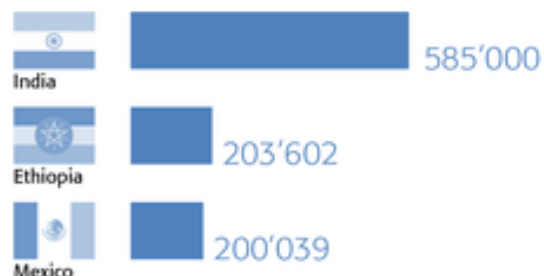


Organic Producers 2015

Number of organic producers is increasing



Top 3 countries (number of producers)

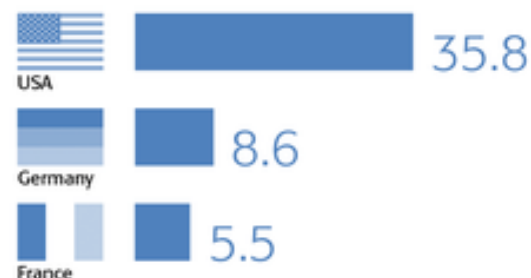


Organic Market 2015

The global market is growing and consumer demand is increasing



Top 3 countries (market in billion euros)



- Spain: 24.8% Organic market growth
- Denmark: 8.4% Market share
- Switzerland: €262 Highest per capita spending is in Switzerland

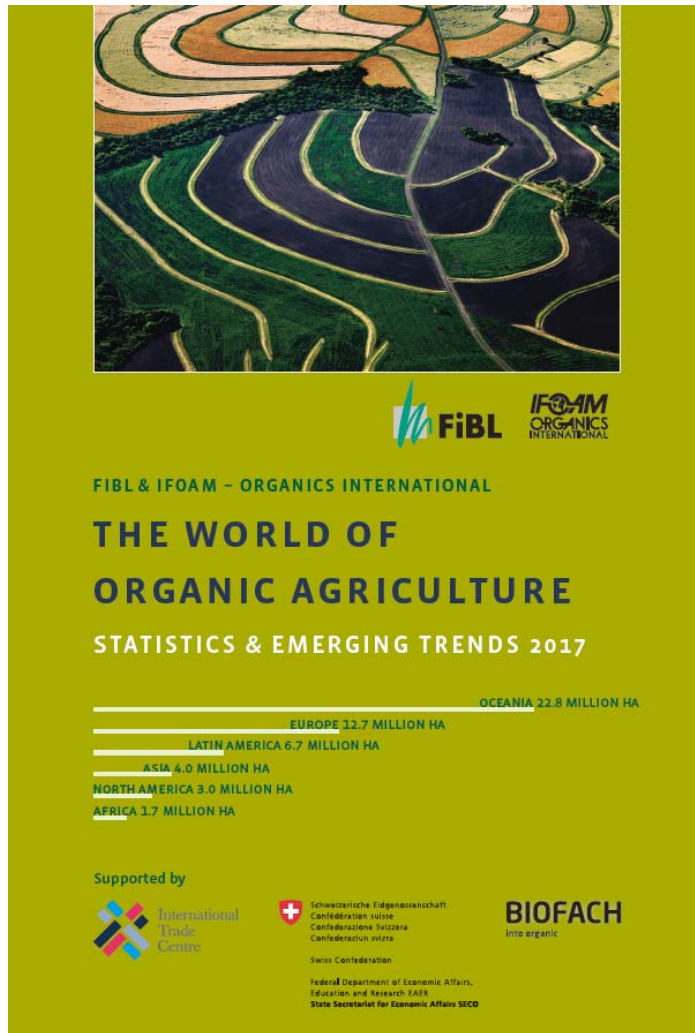
Source: FiBL survey based on national sources
© FiBL 2017
More information: www.organic-world.net



Resources

- › «The World of Organic Agriculture» at www.organic-world.net
- › Print version: shop.fibl.org
- › Slides and infographics at www.organic-world.net
- › Interactive maps at www.organic-world.net
- › Interactive datatables at www.organic-world.net
- › Interactive infographics at www.ifoam-eu.org
- › [Twitter.com/fiblstatistics](https://twitter.com/fiblstatistics)

The World of Organic Agriculture 2017 at www.organic-world.net/yearbook.html



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The World of Organic Agriculture 2017

2017 edition of "The World of Organic Agriculture"

The 2017 edition of "The World of Organic Agriculture" will be presented on February 15, 2017 at BIOFACH in Nürnberg.



2017 edition of "The World of Organic Agriculture"

The World of Organic Agriculture 2017

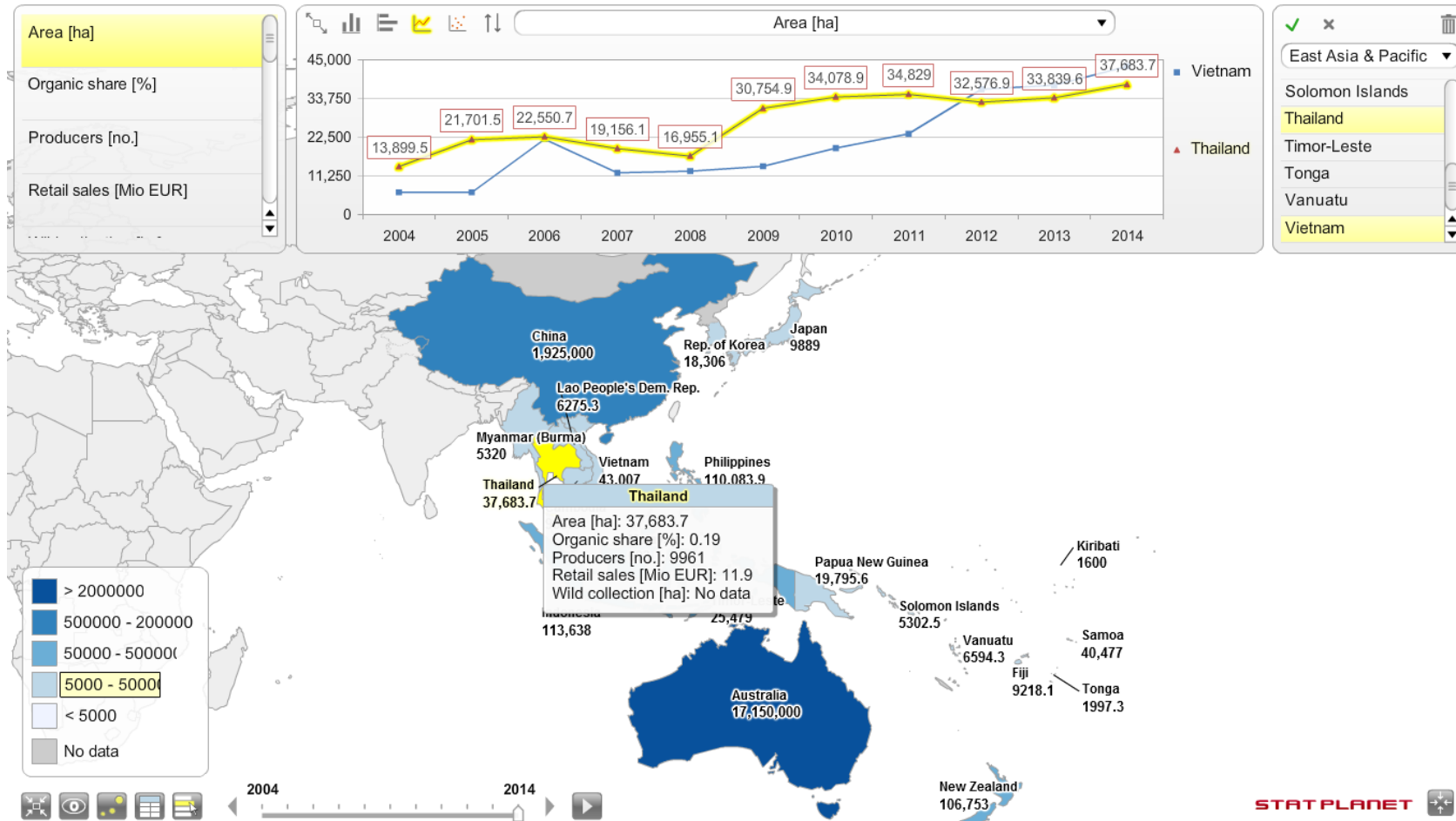


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The World of Organic Agriculture 2017

Maps: www.organic-world.net/statistics.html



Interactive data tables: www.organic-world.net/statistics.html

Countries
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SpecialGroups

Afghanistan
Albania
Algeria
American Samoa
Andorra
Angola
Antigua and Barbuda
Argentina
Armenia
Australia
Austria
Azerbaijan
Bahamas
Bahrain
Bangladesh

Elements

Area, all [ha]
 Area, share of total [%]
 Exports, all [Mio €]
 Import, all [Mio €]
 Operators, exporters
 Operators, importers
 Operators, processors
 Operators, producers
 Sales, all [Mio €] (retail)
 Sales, all [€/person] (retail)
 Sales, all: Growth (value) 1

Item ▾
Element ▾

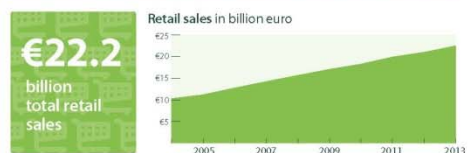
Country ▾
Year ▾

Country	Year	Item	No details
		Element	Area, all [ha]
Afghanistan	2015		81.40
Albania	2015		515.00
Algeria	2015		1'400.00
Andorra	2015		2.00
Argentina	2015		3'073'411.51
Armenia	2015		1'832.00
Australia	2015		22'690'000.00
Austria	2015		553'570.00
Azerbaijan	2015		37'630.00
Bahamas	2015		48.56
Bangladesh	2015		6'880.00
Belgium	2015		68'817.90
Belize	2015		840.00
Benin	2015		2'364.35
Bhutan	2015		6'049.59
Bolivia (Plurinational State of)	2015		114'305.63
Bosnia and Herzegovina	2015		575.63
Brazil	2015		750'000.00
Burkina Faso	2015		23'922.94
Burundi	2015		183.63
Cambodia	2015		12'058.46
Cameroon	2015		379.59
Canada	2015		944'558.43
Cape Verde	2015		495.42
Channel Islands	2015		180.00
Chile	2015		19'932.00
China	2015		1'609'928.40
Colombia	2015		31'821.22

Interactive infographics www.ifoam-eu.org/en/organic-europe



Retail market



Equivalent spend per capita



Operators

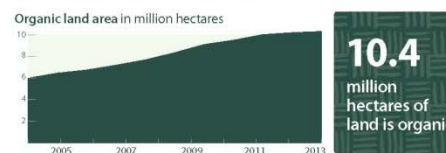


Sources: Research Institute of Organic Agriculture - FiBL, Switzerland and Agricultural Market Information Company, Germany



Action co-financed by the European Commission, Directorate General for Agriculture and Rural Development. This publication has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

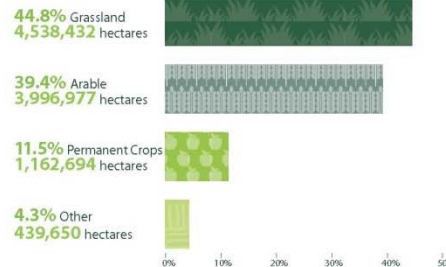
Organic farmland



Percentage of agricultural land which is organic



Organic land use



Explore data at the IFOAM/IFOAM-EU Stand in Hall 1/447

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Organic farming statistics & country news from around the world, provided by the Research Institute of Organic Agriculture FiBL fibl.org @fiblorg
Frick, Switzerland
organic-world.net
Beigetreten April 2015

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IFOAM @IFOAMorganic · 5 Std.
50.9 million hectares of organic agricultural land – organic market grows to over 80 billion US Dollars bit.ly/2In6rR4 #LuvOrganic
Original (Englisch) übersetzen

FiBL Statistics @FiBLStatistics · 2 Std.
#OrganicGermany - Organic market grows by almost 10% in 2016 @AmiAgrarmarkt

AMI agrarmarktfakten @AmiAgrarmarkt
#Öko-Landbau: Markt in Deutschland wächst fast zweistellig, Vollsortimenter sind Wachstumstreiber #bio ami-informiert.de/ami-themen/the...

Original (Englisch) übersetzen

FiBL Statistics @FiBLStatistics · 4 Std.
The World of Organic Agriculture 2017 - Organic Agriculture land use worldwide 2015

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1,573 Tweets

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1,088 Tweets

Conclusions

- › In 2015 organic farming continued to grow: More organic farmland, more producers, market growth.
- › However, the development varies a lot between countries and regions.
- › The outlook on the organic markets continues to be good; there is scope for further growth. However, particularly in Europe, production is not keeping pace with the market development.
- › For better monitoring of the development of the sector, data collection and processing need to be improved in many countries, in particular for market and international trade data.

Indicator	World	Leading countries
Countries with data on certified organic agriculture	2015: 179 countries	New countries: Brunei Darussalam, Cape Verde, Hong Kong, Kuwait, Monaco, Sierra Leone, and Somalia
Organic agricultural land	2015: 50.9 million hectares (1999: 11 million hectares)	Australia (22.7 million hectares) Argentina (3.1 million hectares) United States (2 million hectares)
Share of total agricultural land	2015: 1.1 %	Liechtenstein (30.2 %) Austria (21.3 %) Sweden (16.9%)
Further, non-agricultural organic areas (mainly wild collection)	2015: 39.7 million hectares	Finland (12.2 million hectares) Zambia (6.6 million hectares) India (3.7 million hectares)
Producers	2015: 2.3 million producers (1999: 200'000 producers)	India (585'200) Ethiopia (203'602) Mexico (200'039)
Organic market size	2015: 81.6 billion US dollars (approx. 75 billion euros) (2000: 17.9 billion US dollars) Source: Organic Monitor	US (39.7 billion US dollars; 35.8 billion euros) Germany (9.5 billion US dollars; 8.6 billion euros) France (6.1 billion US dollars; 5.5 billion euros)
Per capita consumption	2015: 11.1 US dollars (10.3 euros)	Switzerland (291 US dollars; 262 euros) Denmark (212 US dollars; 191 euros) Sweden (196 US dollars; 177 euros)
Number of countries with organic regulations 2015	2016: 87 countries	
Number of IFOAM affiliates	2016: 833 affiliates from 121 countries	Germany - 91 affiliates; India - 73 affiliates; China - 55 affiliates; United States - 49 affiliates