Organic Agriculture Worldwide: Key results from the FiBL survey on organic agriculture worldwide 2019
Part 3: Organic agriculture in the regions 2017

• Data compiled by the Research Institute of Organic Agriculture FiBL, Frick, Switzerland, based on national data sources and data from certifiers.


• For updates check www.organic-world.net

• This presentation is available online at: http://www.organic-world.net/yearbook/yearbook2019/slide-presentations.html

• Texts and graphs: Helga Willer and Julia Lernoud, Research Institute of Organic Agriculture, FiBL, Frick, Switzerland

• Contact: Helga Willer, helga.willer@fibl.org, and Julia Lernoud, julia.lernoud@fibl.org, Research Institute of Organic Agriculture, FiBL, Frick, Switzerland

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- 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 2019

* See also disclaimer on last page of this slide show

www.fibl.org
The 20th edition of “The World of Organic Agriculture”, was published by FiBL and IFOAM in February 2019.*

- Contents:
  - Results of the survey on organic agriculture worldwide.
  - Numerous graphs, tables, maps and infographics.
  - Organic agriculture in the regions and reports from Australia, Canada, the Pacific Islands, and The United States of America.
  - Chapters on the global market, standards & legislations, PGS, policy support, the European market, etc.
  - Commodity case studies:
    - Chapter on organic cotton
    - Overview of the state of other Voluntary Sustainability Standards
  - The book can be ordered via IFOAM.bio and shop.FiBL.org.

Website www.organic-world.net

- Detailed statistics in excel format
- Graphs & Maps
- Data revisions
- News and background information
About this presentation

There are 3 presentations summarizing the key results of the FiBL survey on organic agriculture worldwide 2019 (data 2017). Apart from the global data, key results on crop and on regional data are presented. More information is available at www.organic-world.net

The following three presentations are available at http://www.organic-world.net/yearbook/yearbook2019/slide-presentations.html:

• Part 1: Global data 2017 and survey background
• Part 2: Land use and key crops in organic agriculture 2017
• Part 3: Organic agriculture in the regions 2017
The 20th survey on organic agriculture world-wide

The 20th survey on organic agriculture worldwide was carried out by the Research Institute of Organic Agriculture FiBL in cooperation with partners from all around the world. The results were published jointly by FiBL and IFOAM – Organics International.

The survey was carried out between July 2018 and February 2019.

Data were received from 181 countries.

Updated data on area and producers were available for 146 countries.

Data was provided by over 200 country experts (representatives from NGOs, certification bodies, governments, researchers).

The following data was collected: area data (including land use and crop details); producers, other operator types; domestic market values; export and import data; and livestock data (animal heads and production in metric tons);

The results are published in the yearbook “The World of Organic Agriculture 2019” and at www.organic-world.net.
Africa: Organic agricultural land by country 2017

Source: FiBL survey 2019, based on national sources and data from certifiers.
Africa: Organic agriculture in Africa 2017

• In Africa, there were 6.1 million hectares of certified organic agricultural land (data 2017).
• This constitutes about three percent of the world’s organic agricultural land and 0.2 percent of the total agricultural area in the region.
• 815,000 producers were reported.
• The countries with the most organic land are Tunisia (306,467 hectares), Tanzania (278,467 hectares), and Uganda (262,282 hectares).
• The highest shares of organic land are in Sao Tome and Prince (18 percent), Tunisia (3 percent), and Egypt (2.8 percent).
• The majority of certified organic produce in Africa is destined for export markets.
• The European Union, as the major recipient of these exports, is Africa’s largest market for agricultural produce.

Source: FiBL survey 2019
Africa: Development of organic agricultural land 2000-2017

Source: FiBL-IFOAM-SOEL-Surveys 2001-2019
Africa: The ten countries with the most organic agricultural land 2017

Africa: The ten countries with the largest organic area 2017
Source: FiBL survey 2019

- Tunisia: 306'467 hectares
- Tanzania: 278'467 hectares
- Uganda: 262'282 hectares
- Ethiopia: 186'155 hectares
- Kenya: 172'225 hectares
- Sudan: 130'000 hectares
- Egypt: 105'908 hectares
- Sierra Leone: 101'184 hectares
- Madagascar: 63'954 hectares
- Congo, D.R.: 60'624 hectares
Africa: Distribution of organically managed agricultural land by country 2017

Source: FiBL survey 2019
Africa: The ten countries with the highest organic share of total agricultural land 2017

Source: FiBL survey 2019

- São Tomé and Príncipe: 18.0%
- Tunisia: 3.0%
- Egypt: 2.8%
- Sierra Leone: 2.6%
- Réunion (France): 2.1%
- Uganda: 1.8%
- Comoros: 1.1%
- Togo: 1.0%
- Tanzania: 0.7%
- Kenya: 0.6%
Africa: Use of organic agricultural land 2017

Source: FiBL survey 2019; based on information from the private sector, certifiers, and governments.

Land use types 2017

Key arable crops

- Oilseeds: 236
- Textile crops: 119
- Cereals: 66
- Dry pulses: 53
- Medicinal plants: 39

Key permanent crops

- Coffee: 373
- Olives: 257
- Nuts: 230
- Cocoa: 150
- Fruit, tropical/subtrop.: 76

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Africa: The ten countries with the largest number of organic producers 2017

Source: FiBL survey 2019

- Uganda: 210,352 producers
- Ethiopia: 203,602 producers
- Tanzania: 148,610 producers
- Kenya: 44,966 producers
- Congo, D.R.: 42,323 producers
- Togo: 36,645 producers
- Burkina Faso: 26,626 producers
- Madagascar: 21,935 producers
- Senegal: 18,913 producers
- Mali: 12,272 producers
## Milestones of Organic Agriculture in Africa

**Compiled by Jordan Gama and Mwanzo Lawrence Millinga**

<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1977</td>
<td>First organic farm in Africa, SEKEM initiative in Egypt, is founded.</td>
</tr>
<tr>
<td>1988</td>
<td>The 7th IFOAM International Scientific Conference is held in Ouagadougou, Burkina Faso. It is the first time an IFOAM conference takes place in Africa.</td>
</tr>
<tr>
<td>1999</td>
<td>Tunisia develops a national strategy to reform agriculture and maximise the benefits of organic farming by adopting legislation on organic agriculture.</td>
</tr>
<tr>
<td>2006</td>
<td>First African Pavilion at Biofach, Nuremberg, Germany.</td>
</tr>
<tr>
<td>2011</td>
<td>African Union – Heads of State Decision on Organic Farming (Doc. EX. CL/631 (XVIII)).</td>
</tr>
<tr>
<td>2013</td>
<td>The Continental Steering Committee of the Ecological Organic Agriculture Initiative (EOAI SC) is launched. Since then, they have met twice per annum.</td>
</tr>
<tr>
<td>2014</td>
<td>African Union Commission direct support in capacity development in organic standards certification and marketing is given to three regional economic commissions (the Southern African Development Community (SADC), the East African Community (EAC) and the Economic Community of West African States (ECOWAS)).</td>
</tr>
<tr>
<td>2017</td>
<td>Ecological Organic Agriculture strategy and action plan endorsed by the Council of Ministers of the African Union.</td>
</tr>
</tbody>
</table>
Articles about Africa in the 2019 edition of "The World of Organic Agriculture"

- Latest Developments in Organic Agriculture in Africa, Jordan Gama and Mwanzo Lawrence Millinga
- Milestones of Organic Agriculture in Africa
Asia: Organic agricultural land by country 2017

Source: FiBL survey 2019, based on national sources and data from certifiers.
Asia: Organic Agriculture in Asia – Key Figures 2017

- The total organic agricultural area in Asia was 6.1 million hectares in 2017.
- This constitutes nine percent of the world's organic agricultural land, and 0.4 percent of the total agricultural area in the region.
- There were more than 1.1 million producers reported.
- The leading countries by organic agricultural land are China (3 million hectares) and India (1.8 million hectares).
- Timor-Leste has the most organic agricultural area as a proportion of total agricultural land (8.2 percent).
Asia: Development of organic agricultural land 2000-2017

Source: FiBL-IFOAM-SOEL-Surveys 2002-2019
Asia: The ten countries with the most organic agricultural land 2017

Asia: The ten countries with the largest organic area 2017
Source: FiBL survey 2019

China: 3,023,000 hectares
India: 1,780,000 hectares
Pakistan: 277,145 hectares
Viet Nam: 208,042 hectares
Thailand: 200,065 hectares
Sri Lanka: 165,553 hectares
Philippines: 91,266 hectares
Kazakhstan: 51,304 hectares
India: 200,065 hectares
Azerbaijan: 37,630 hectares

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Asia: Distribution of organic agricultural land by country 2017 (total 6.1 million hectares)

Asia: Distribution of organically managed agricultural land by country 2017
Source: FiBL survey 2019

- **China**: 1,036,689; 17%
- **India**: 3,023,000; 49%
- **Kazakhstan**: 277,145; 5%
- **Rest**: 1,780,000; 29%

Source: FiBL survey 2019

www.fibl.org
Asia: The ten countries/territories with the highest shares of organic agricultural land 2017

### Asia: The countries with the highest organic share of total agricultural land 2017

Source: FiBL survey 2019

<table>
<thead>
<tr>
<th>Country</th>
<th>Share of total agricultural land</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timor-Leste</td>
<td>8.2%</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>6.0%</td>
</tr>
<tr>
<td>Palestine, State of</td>
<td>1.8%</td>
</tr>
<tr>
<td>Philippines</td>
<td>1.6%</td>
</tr>
<tr>
<td>Bhutan</td>
<td>1.3%</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>1.2%</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>1.2%</td>
</tr>
<tr>
<td>Israel</td>
<td>1.1%</td>
</tr>
<tr>
<td>India</td>
<td>1.0%</td>
</tr>
<tr>
<td>Taiwan</td>
<td>0.8%</td>
</tr>
</tbody>
</table>
Asia: Use of organic agricultural land 2017
(total: 6.1 million hectares)

Asia: Use of organic agricultural land 2017
Source: FiBL survey 2019; based on information from the private sector, certifiers, and governments.

Land use types 2017
- Arable land crops: 45%
- Permanent crops: 13%
- Permanent grassland: 18%
- Other/No details: 24%

Key arable crops
- Cereals: 1,128 thousand hectares
- Dry pulses: 363 thousand hectares
- Textile crops: 342 thousand hectares
- Oilseeds: 341 thousand hectares
- Vegetables: 287 thousand hectares

Key permanent crops
- Coconut: 214 thousand hectares
- Tea: 110 thousand hectares
- Coffee: 82 thousand hectares
- Fruit, trop/subtrop.: 71 thousand hectares
- Nuts: 70 thousand hectares
Milestones of Organic Agriculture in Asia
Compiled by Jennifer Chang, IFOAM Asia

<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1973</td>
<td>Japan: The Teikei movement is started by the Miyoshi Organic Farmers Group/Motomeru Kai Consumer Group.</td>
</tr>
<tr>
<td>1976</td>
<td>South Korea: the Right Farming Association is established - the start of the organic farming movement.</td>
</tr>
<tr>
<td>1988</td>
<td>China: the Nanjing Institute of Environmental Sciences under the Ministry of Environmental Protection (NIES-MEP) of China joins IFOAM - the starting point of the organic movement in China.</td>
</tr>
<tr>
<td>1994</td>
<td>China: the Organic Food Development Center of China (OFDC) is established - the first organic organization and the first organic certification body in China.</td>
</tr>
<tr>
<td>1994</td>
<td>China: The first private organic standard (OFDC standard) is introduced.</td>
</tr>
<tr>
<td>1998</td>
<td>Thailand: the Organic Agriculture Certification Thailand (ACT) is established, and the first Thai organic crop standards are drafted.</td>
</tr>
<tr>
<td>2004</td>
<td>India: Establishment of the National Centre for Organic Farming (NCOF)</td>
</tr>
<tr>
<td>2005</td>
<td>Philippines: The Organic Certification Center of the Philippines (OCCP) is established.</td>
</tr>
<tr>
<td>2005</td>
<td>India: The first international meeting on alternative certification, at which Indian case studies are also discussed, takes place.</td>
</tr>
<tr>
<td>2005</td>
<td>China: The national organic standard GB/T-10630 (Organic products) is issued by the Standardization Administration of China.</td>
</tr>
<tr>
<td>2005</td>
<td>China: The management regulation of organic certification is issued by the Certification and Accreditation Administration of the People’s Republic of China (CNCA).</td>
</tr>
<tr>
<td>2005</td>
<td>Philippines: President Gloria Macapagal Arroyo issues Executive Order 481 to promote, develop and sustain organic agriculture as a farming technology and to develop the growing organic agriculture industry in the country.</td>
</tr>
<tr>
<td>2007</td>
<td>South Korea hosts the 17th IFOAM Organic World Congress (OWC) in Danyang City, Gyeonggi Province.</td>
</tr>
<tr>
<td>2011</td>
<td>South Korea: Establishment of IFOAM Asia.</td>
</tr>
<tr>
<td>2015</td>
<td>Vietnam Organic Agriculture Association organizes the &quot;1st Asia Organic Day&quot; on September 19th.</td>
</tr>
<tr>
<td>2017</td>
<td>19th IFOAM Organic World Congress is hosted in India.</td>
</tr>
</tbody>
</table>
Articles about Asia in the 2019 Edition of "The World of Organic Agriculture"

• Development in the Organic Sector in Asia in 2018
  Compiled by IFOAM Asia

• Milestones of Organic Agriculture in Asia
Europe: Organic agricultural land by country 2017

Source: FiBL survey 2019, based on national sources and Eurostat.
Organic agriculture in Europe: Key data/indicators 2017

• 14.6 million hectares of agricultural land are organic (including in conversion areas).
• This constitutes 2.9 percent of the agricultural land in Europe.
• The organic agricultural land increased by 1 million hectares or 7.6 percent in 2017.
• More than 397’000 producers were reported.
• The organic retail sales reached 37.3 billion euros in Europe.
Organic Agriculture in Europe 2017

**Organic Farmland 2017**
- Top 3 countries (largest organic area):
  - France: 1.9 m ha
  - Italy: 1.9 m ha
  - Spain: 2.1 m ha

**Organic Producers & Processors 2017**
- The number of organic producers is increasing:
  - Organic producers: From 2016: 397'509, +6.5%
  - Organic processors: From 2016: 71'375, +8.3%

**Organic Market 2017**
- The European market is growing:
  - European organic retail sales in billion euros: 37.3
  - Per capita spending: 47.0 €
  - Organic market growth: +10.5%

- Organic retail sales: Top 3 countries (in billion euros):
  - Germany: 10.0
  - France: 7.9
  - Italy: 3.1

**Organic market growth**
- 18% Market share
- 13.3% Market share
- 288 € Highest per capita spending is in Switzerland

Source: FiBL survey based on national sources
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More information: www.organicworld.net - statistics.fibl.org
Organic agriculture in the European Union: Key data/indicators 2017

- 12.8 million hectares of agricultural land are organic (including in conversion areas).
- This constitutes 7.2 percent of the agricultural land in the European Union.
- The organic agricultural land increased by 0.8 million hectares or 6.4 percent in 2017.
- More than 300’000 producers were reported.
- The organic retail sales reached 34.3 billion euros in Europe.
Organic Agriculture in the European Union 2017

Organic Farmland 2017

Top 3 countries (largest organic area)
- France: 1.7 m ha
- Italy: 1.5 m ha
- Spain: 0.2 m ha

Organic farmland in million hectares
- 12.8 m ha
  - +6.4% From 2016
  - 7.2% Organic share of total farmland

Organic share of total farmland: Top 3 countries
- Austria: 24.0%
- Estonia: 20.5%
- Sweden: 18.8%

Organic Producers & Processors 2017

The number of organic producers is increasing
- 305'394 Organic producers
  - +3.5% From 2016
- 68'164 Organic processors
  - +8.8% From 2016

Organic Market 2017

- The European market is growing
  - 34.3 EU organic retail sales in billion euros
  - 67.2 € Per capita spending
  - +10.9% Organic market growth

Organic retail sales: Top 3 countries (in billion euros)
- Germany: 10.0
- France: 7.9
- Italy: 3.1

Organic market growth
- 18.0%

Market share
- 13.3%

Highest per capita spending is in Denmark
- 278 €
Over half of Europe’s organic farmland is in 4 countries.

The country with the largest area of organic farmland is in Spain, followed by Italy and France.

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

In 2017 over one million hectares more were reported compared with 2016.
Europe: The ten countries with the most organic agricultural land 2017

Europe: The ten countries with the largest organic area 2017

Source: FiBL-AMI survey 2019, based on national data sources and Eurostat
Europe: Distribution of organically managed agricultural land by country 2017

Europe: Distribution of organically managed agricultural land by country 2017 (Total: 14.6 million hectares)
Source: FiBL-AMI survey 2019, based on national data sources and Eurostat
Europe: Distribution of shares of organic land 2017

Europe: Distribution of organic farmland shares 2017
Source: FiBL-AMI survey 2019

- 9 countries with more than 10 percent organic land
- 15 countries with 5 to 10 percent organic land
- 12 countries with 1 to 5 percent organic land
- 9 countries with less than 1 percent organic land
Europe: The ten countries with the highest shares of organic agricultural land 2017

Europe: Shares of organic agricultural land by country 2017
Source: FiBL-AMI Survey 2019

- Liechtenstein: 37.9%
- Austria: 24.0%
- Estonia: 20.5%
- Sweden: 18.8%
- Italy: 15.4%
- Latvia: 14.8%
- Switzerland: 14.5%
- Czech Republic: 12.2%
- Finland: 11.4%
- Slovakia: 10.0%
Development of the organic agricultural land in Europe 1999-2017

Europe: Development of organic agricultural land 1985-2017
Source: Lampkin, Nic, FiBL-AMI surveys 2006-2019, and OrganicDataNetwork surveys 2013-2015, based on national data sources and Eurostat
European Union and Europe: Development of organic farmland 1985 to 2017

Source: FiBL-AMI survey 2019, based on national data sources and Eurostat
Europe: Growth of organic agricultural land by country group 2000-2017

Europe: Growth of organic farmland by country group 2000-2017

Europe: The 10 countries with the highest growth of organic agricultural land in 2017

Europe: The 10 countries with the highest growth in organic farmland in 2017 (hectares)
Source: FiBL-AMI survey 2019 based on Eurostat and national data sources

<table>
<thead>
<tr>
<th>Country</th>
<th>Area increase in hectares</th>
</tr>
</thead>
<tbody>
<tr>
<td>Russian Federation</td>
<td>341'778</td>
</tr>
<tr>
<td>France</td>
<td>206'373</td>
</tr>
<tr>
<td>Germany</td>
<td>121'837</td>
</tr>
<tr>
<td>Italy</td>
<td>112'290</td>
</tr>
<tr>
<td>Greece</td>
<td>67'556</td>
</tr>
<tr>
<td>Spain</td>
<td>63'371</td>
</tr>
<tr>
<td>Austria</td>
<td>49'179</td>
</tr>
<tr>
<td>Romania</td>
<td>32'162</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>31'441</td>
</tr>
<tr>
<td>Denmark</td>
<td>24'831</td>
</tr>
</tbody>
</table>

Europe: The 10 countries with the highest relative growth in organic agricultural land in 2017 (%)
Source: FiBL-AMI survey 2019 based on Eurostat and national data sources

<table>
<thead>
<tr>
<th>Country</th>
<th>Area increase in percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Russian Federation</td>
<td>108.45%</td>
</tr>
<tr>
<td>Malta</td>
<td>80.67%</td>
</tr>
<tr>
<td>Bosnia and Herzegovina</td>
<td>28.35%</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>27.38%</td>
</tr>
<tr>
<td>Greece</td>
<td>19.72%</td>
</tr>
<tr>
<td>Romania</td>
<td>14.21%</td>
</tr>
<tr>
<td>France</td>
<td>13.42%</td>
</tr>
<tr>
<td>Denmark</td>
<td>12.32%</td>
</tr>
<tr>
<td>Germany</td>
<td>9.74%</td>
</tr>
<tr>
<td>Finland</td>
<td>8.90%</td>
</tr>
</tbody>
</table>

www.fibl.org
Europe: Use of organic agricultural land 2017
(totall: 14.6 million hectares)

Land use types 2017

- Arable land crops: 47%
- Permanent grassland: 40%
- Permanent crops: 11%
- Other/No details: 2%

Europe: Use of organic agricultural land 2017
Source: FiBL-AMI survey 2019

Key arable crops:
- Cereals: 2'530 thousand hectares
- Green fodders: 2'377 thousand hectares
- Oilseeds: 449 thousand hectares
- Dry pulses: 416 thousand hectares
- Vegetables: 200 thousand hectares

Key permanent crops:
- Olives: 593 thousand hectares
- Grapes: 340 thousand hectares
- Nuts: 314 thousand hectares
- Temperate fruit: 134 thousand hectares
- Citrus fruit: 55 thousand hectares
Europe: Distribution of organic producers and processors in Europe 2017

Europe: Distribution of organic producers 2017
Source: FiBL-AMI survey 2019

Europe: Distribution of organic processors 2017
Source: FiBL-AMI survey 2019
Europe: Development of organic producers 2000 to 2017


Source: FiBL-AMI surveys 2006-2019 based on national data sources and Eurostat
Organic market in Europe: Key data/indicators 2017

- The European market was 37.3 billion euros; 10.5 percent more than in 2016.
- The largest market for organic products in 2017 was Germany with a turnover of over 10 billion euros, followed by France (7.9 billion euros) and Italy (3.1 billion euros).
- As a portion of the total market share, the highest levels have been reached in Denmark, Sweden and Switzerland, with nine percent or more for organic products. The highest per capita spending is also in these countries.
**EUROPE: ORGANIC RETAIL SALES 2017**

- **Europe**: 37.3 billion €
- **Germany**: 10 billion €
- **Switzerland**: 288 € are spent per person in Switzerland
- **13.3% of the food market in Denmark is organic**

The European Union (34.3 billion €) is the second largest single market after the US (40 billion) and China. By region, North America has the lead (43 billion €), followed by Europe and Asia.

The European countries with the largest markets for organic food are Germany, France (7.9 billion €), Italy (3.1 billion €), and Switzerland (2.4 billion €).

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

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

Distribution of retail sales value worldwide by country 2017

The countries with the largest markets for organic food 2017

The countries with the highest per capita consumption of organic food 2017

The countries with the highest organic shares of the total market 2017

Source: FiBL survey 2019  www.organic-world.net

Europe and European Union: Development of retail sales 2000-2017
Europe and European Union: Growth of per consumption of organic products 2005-2017

Europe and European Union: Growth of the per capita consumption 2000-2017
European Union: Development of the organic market in selected European countries 2004-2017

European Union: Market development in selected countries 2004-2017
Source: AMI, Germany; Agence Bio France, AssoBio, Italy; LF Denmark

FiBL
www.fibl.org
Germany: Development of the organic market 1997-2017

Germany: Organic market development in Germany 1997-2017

Source: ZMP, AMI, Arbeitskreis Biomarkt
France: Growth of retail sales 2000-2017

France: Growth of organic food and beverages retail sales 2000-2017
Source: FiBL-AMI surveys 2000-2019
United Kingdom: Development of the organic market 1995-2017

United Kingdom: Market development 2004-2017
Source: Soil Association, Organic Research Centre Elm Farm
Europe: Distribution of sales of organic food and drink by country 2017 (total: 37.3 billion euros)

Europe: Distribution of retail sales by country 2017
Source: FiBL-AMI survey 2019

- Germany: 27%
- France: 21%
- Italy: 8%
- Switzerland: 7%
- Sweden: 6%
- Spain: 5%
- Austria: 5%
- United Kingdom: 6%
- Netherlands: 4%
- Others: 11%
Distribution of retail sales in Europe and worldwide 2017

**Europe: Distribution of retail sales by country 2017**
Source: FiBL-AMI survey 2019

- Germany: 27%
- France: 21%
- Italy: 8%
- Switzerland: 7%
- Sweden: 6%
- United Kingdom: 6%
- Spain: 5%
- Austria: 5%
- Others: 15%

**World: distribution of retail sales by single market 2017**
Source: FiBL-AMI survey 2019

- USA: 44%
- EU-28: 37%
- China: 8%
- Canada: 3%
- Switzerland: 3%
- Other: 5%
The European market for organic food and drink: The countries with the highest sales 2017

Europe: Organic retail sales value by country 2017
Source: FiBL-AMI survey 2019

- Germany: 10'040 million euros
- France: 7'921 million euros
- Italy: 3'137 million euros
- Switzerland: 2'435 million euros
- Sweden: 2'366 million euros
- United Kingdom: 2'307 million euros
- Spain: 1'903 million euros
- Austria: 1'723 million euros
- Denmark: 1'601 million euros
- Netherlands: 1'206 million euros
Europe: The countries with the highest per-capita consumption of organic food 2017

Source: FiBL-AMI survey 2019
Europe: The ten countries with the highest organic shares of the total market 2017

Europe: The countries with the highest organic shares of the total market 2017
Source: FiBL-AMI survey 2019

- Denmark: 13.3%
- Sweden: 9.1%
- Switzerland: 9.0%
- Austria: 8.6%
- Luxembourg: 7.3%
- Germany: 5.1%
- Netherlands: 4.5%
- France: 4.4%
- Italy: 3.2%
- Spain: 2.8%

Market share in %
## Milestones of Organic Agriculture in Europe

*Compiled by Helga Willer, FiBL, Bram Moeskops, IFOAM EU, and Otto Schmid, FiBL*

<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1920s/1930s</td>
<td>Natural farming evolves in Germany (&quot;Natürlicher Landbau, Landreform&quot;) (Vogt 2001).</td>
</tr>
<tr>
<td>1924</td>
<td>Rudolf Steiner’s Agriculture Course held at Koberwitz (now Kobierzyce, Poland), marking the beginning of biodynamic farming.</td>
</tr>
<tr>
<td>1946</td>
<td>Foundation of the Soil Association, UK.</td>
</tr>
<tr>
<td></td>
<td>Hans and Maria Müller found the Co-Operative for Cultivation and Utilization (&quot;Anbau- und Verwertungsgenossenschaft Heimat AVG&quot;) in Switzerland, marking the beginnings of the organic-biological agriculture (Bio Suisse 2006).</td>
</tr>
<tr>
<td>1972</td>
<td>The International Federation of Organic Agriculture Movements IFOAM is founded in Versailles, France.</td>
</tr>
<tr>
<td>1973</td>
<td>Research Institute of Organic Agriculture FiBL founded in Switzerland.</td>
</tr>
<tr>
<td>1977</td>
<td>1st IFOAM International Scientific Conference “Towards a Sustainable Agriculture” takes place in Sissach, Switzerland.</td>
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<td>1972</td>
<td>The first IFOAM International Scientific Conference “Towards a Sustainable Agriculture” takes place in Sissach, Switzerland.</td>
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</tr>
<tr>
<td>1980</td>
<td>The International Federation of Organic Agriculture Movements IFOAM is founded in Versailles, France.</td>
</tr>
<tr>
<td>1981</td>
<td>Organic farming is mentioned in the Austrian Codex Alimentarius.</td>
</tr>
<tr>
<td>1984</td>
<td>Foundation of the first chair for organic agriculture worldwide in Witzenhausen, University of Kassel, Germany.</td>
</tr>
<tr>
<td>1985</td>
<td>The French government implements a national voluntary organic standard associated with the AB logo.</td>
</tr>
<tr>
<td>1987</td>
<td>Denmark is the first country to implement a regulatory framework for organic farming.</td>
</tr>
<tr>
<td>1988</td>
<td>For the first time, area-based support for organic farming granted, within the framework of the EU Extensification Programme (support only in Germany).</td>
</tr>
<tr>
<td>1990</td>
<td>The first BioFach, the international trade fair for organic products, takes place in Ludwigshafen am Rhein, Germany.</td>
</tr>
<tr>
<td>1991</td>
<td>The first European organic regulation - Council Regulation (EEC) 2092/91 of 24 June 1991 on organic production of agricultural products and indications referring thereto on agricultural products and foodstuffs - is published. It comes into force in 1993. It defines how agricultural products and foods that are designated as organic/ecological/biological products have to be grown and labelled.</td>
</tr>
<tr>
<td>1992</td>
<td>Foundation of the informal IFOAM EU group in Prague.</td>
</tr>
<tr>
<td>2000</td>
<td>First publication from Eurostat, the statistical office of the European Union, on organic agriculture in the European Union, with data from 1997.</td>
</tr>
<tr>
<td>2002</td>
<td>Publication of the book “The World of Organic Agriculture” for the first time by SOL and IFOAM; since 2001 in collaboration with the Research Institute of Organic Agriculture.</td>
</tr>
<tr>
<td>2004</td>
<td>Launch of the online archive Organic Eprints for research publications on organic agriculture (<a href="http://www.orgprints.org">www.orgprints.org</a>).</td>
</tr>
<tr>
<td>2004</td>
<td>Adoption of the first European Action Plan for Organic Farming; Core foundation of the IFOAM EU Group.</td>
</tr>
<tr>
<td>2007</td>
<td>Launch of QualityLowInputFood (QLIF), the largest EU research project in organic farming to date.</td>
</tr>
<tr>
<td>2007</td>
<td>CORE Organic (“Coordination of European Transnational Research in Organic Food and Farming Systems”) starts with the aim increase cooperation between national research activities.</td>
</tr>
<tr>
<td>2007</td>
<td>TP Organics, the European Technology Platform for Organic Food and Farming Research is set up.</td>
</tr>
<tr>
<td>2015</td>
<td>First edition of Organic Innovation Days is organized by TP Organics.</td>
</tr>
</tbody>
</table>
Articles about Europe in the 2019 Edition of "The World of Organic Agriculture"

- Organic in Europe: Recent Developments
  Helga Willer, Bram Moeskops, Emanuele Busacca, and Nicolas de la Vega

- Milestones of Organic Agriculture in Europe

- Organic Farming and Market Development in Europe and the European Union
  Helga Willer, Diana Schaack, and Julia Lernoud
Latin America/Caribbean: Organic agricultural land by country 2017

Source: FiBL survey 2019, based on national sources and data from certifiers.
Latin America and Caribbean: Key figures 2017

• In Latin America, almost 460’000 producers managed 8 million hectares of agricultural land organically in 2017.
• This constitutes 11 percent of the world’s organic land and 1.1 percent of the region’s agricultural land.
• The leading countries are Argentina (3.4 million hectares), Uruguay (1.9 million hectares), and Brazil (1.1 million hectares).
• The highest shares of organic agricultural land are in Uruguay (13 percent), French Guiana (10 percent), and the Dominican Republic (10 percent).
Latin America and Caribbean: Organic agricultural overview

• Most organic products from Latin American countries are sold on the European, North American or Japanese markets. Popular goods are especially those that cannot be produced in those regions, as well as off-season products.

• Many Latin American countries remain important exporters of organic products such as bananas, cocoa and coffee; in countries such as Argentina and Uruguay, temperate fruit and meat are key export commodities. At the same time, domestic markets are trending positively in the region.

• Important crops are tropical fruits, grains and cereals, coffee, cocoa, sugar, and meats. Most organic food sales in the domestic markets of the countries occur in major cities.
Latin America: Development of organically managed agricultural land 2000-2017

Latin America and Caribbean: Development of organic agricultural land 2000 to 2017
Source: FiBL-IFOAM-SOEL-Surveys 2002-2019
Latin America and Caribbean: The ten countries with the largest organic areas 2017

Source: FiBL survey 2019
Latin America/Caribbean: Distribution of organic agricultural land by country 2017

Latin America/Caribbean: Distribution of organic agricultural land by country 2017 (total: 8 million hectares)
Source: FiBL survey 2019

- Argentina: 3,385,827 hectares (42%)
- Uruguay: 1,882,178 hectares (24%)
- Brazil: 1,136,857 hectares (14%)
- Mexico: 673,968 hectares (8%)
- Rest: 922,058 hectares (12%)

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Latin America: The ten countries with the highest organic share of total agricultural land 2017

Latin America and Caribbean: The countries with the highest organic share of total agricultural land 2017
Source: FiBL survey 2019

 Uruguay 13.0%
 French Guiana (France) 10.0%
 Dominican Republic 8.7%
 Falkland Islands (Malvinas) 2.9%
 Argentina 2.3%
 Peru 1.3%
 Martinique (France) 1.2%
 Grenada 1.1%
 Dominica 1.0%
 Honduras 0.9%

Share of total agricultural land
Latin America: Use of organic agricultural land 2017 (total: 8 million hectares)

Latin America and Caribbean: Use of organic agricultural land 2017
Source: FiBL survey 2019; based on information from the private sector, certifiers, and governments.

Land use types 2017

- Permanent grassland: 61%
- Permanent crops: 12%
- Arable land crops: 6%
- No details/other: 21%

Key arable crops
- Cereals: 154,000 hectares
- Vegetables: 106,000 hectares
- Sugarcane: 67,000 hectares
- Oilseeds: 52,000 hectares
- Medicinal plants: 33,000 hectares

Key permanent crops
- Coffee: 422,000 hectares
- Cocoa: 230,000 hectares
- Fruit, tropical/subtropical: 187,000 hectares
- Coconut: 35,000 hectares
- Olives: 26,000 hectares

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Milestones of Organic Agriculture and Agroecology in Latin America and the Caribbean – Part I
Compiled by Patricia Flores, IFOAM Regional Office Latin America

<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1970-80s</td>
<td>Steve Gliessman applied for first time the concept of agroecology based on the study of farming practices and culture of indigenous people.</td>
</tr>
<tr>
<td></td>
<td>Several studies and researchers acknowledge ancient, traditional and indigenous knowledge as the basis of agroecology.</td>
</tr>
<tr>
<td></td>
<td>First agroecology courses launched.</td>
</tr>
<tr>
<td>1986</td>
<td>First organic certification by a Latin American certification body (IBD, Brazil) with organic sugarcane smallholders.</td>
</tr>
<tr>
<td>1992</td>
<td>First organic seal based on participatory certification issued by Cooperativa Coolmeia, Porto Alegre, South of Brazil.</td>
</tr>
<tr>
<td></td>
<td>Foundation of MAELA (Latin American Agroecological Movement) in Sao Paulo, Brazil.</td>
</tr>
<tr>
<td>1993</td>
<td>Launch of Distance Education Program in Agroecology, by CLADES (Latin American Consortium of Agroecology and Development).</td>
</tr>
<tr>
<td>1996</td>
<td>Argentina listed on the European Union’s list of approved third countries according to EU regulation 20192/91.</td>
</tr>
<tr>
<td>1998</td>
<td>Red Ecovida de Agroecologia founded (Brazil). This organization inspired the organic movement to develop participatory certification in all continents.</td>
</tr>
<tr>
<td>1999</td>
<td>Organic regulation in Brazil adopted (IN N°7).</td>
</tr>
<tr>
<td></td>
<td>The Latin American Group of IFOAM (GALCI) – now IFOAM Latin America founded.</td>
</tr>
<tr>
<td>2002</td>
<td>Costa Rica listed on the European Union’s list of approved third countries.</td>
</tr>
<tr>
<td>2003</td>
<td>First Biofach America Latina takes place in Rio de Janeiro, Brazil. Nowadays, it takes place in Sao Paulo together with BioBrazil.</td>
</tr>
<tr>
<td></td>
<td>1st Meso-American Meeting of Research Producers and Researchers in Organic Production, Costa Rica. This initiative was expanded to the Latin American and Caribbean Region in 2008, and gathers annually.</td>
</tr>
<tr>
<td></td>
<td>First BioBolivia organic annual fair.</td>
</tr>
<tr>
<td>2005</td>
<td>Consorcio Agroecológico Peruano, an umbrella network of national agroecological networks in Peru is established, including the national association of consumers (ASPEC).</td>
</tr>
<tr>
<td></td>
<td>Organic regulation adopted in Bolivia (Law 3525).</td>
</tr>
<tr>
<td></td>
<td>Policy for the development of ecological agriculture in Bolivia (Res. 017/2006).</td>
</tr>
<tr>
<td></td>
<td>Foundation of IFOAM Latin America Regional Group (Lima, Peru).</td>
</tr>
</tbody>
</table>
# Milestones of Organic Agriculture and Agroecology in Latin America and the Caribbean – Part II

Compiled by Patricia Flores, IFOAM Regional Office Latin America

<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
</tr>
</thead>
</table>
| 2007 | Latin American PGS Forum constituted in Brazil. Since then, the Forum (PGS practitioners and representatives of IFOAM – Organics International and the Latin American Agroecological Movement (MAELA)) has met every 2-3 years in a different country.  
Foundation of SOCLA (Latin American Scientific Society of Agroecology) in Colombia. |
| 2008 | Establishment of the Network of Competent Authorities in Organic Agriculture of the Americas (CIAO - Comisión Interamericana de Agricultura Orgánica) based on a resolution of IICA (Inter-American Institute for Cooperation in Agriculture).  
Law on organic agriculture and agroecology in Paraguay (Law 3.481).  
Decree on Organic Agriculture in Uruguay (Decree 557).  
Formal constitution of the agroecological network (Red de Agroecología) in Uruguay.  
Law for the development of ecological agriculture in Peru (Law 29196).  
Law on organic agriculture in Chile (Law 20089). |
| 2009 | Network of agroecological markets in Valle del Cauca, Colombia |
| 2010 | Organic Regulation SAGARPA in México.  
Establishment of the Chamber of Organic Agriculture and Agroecology in Paraguay.  
National Plan for Organic Production and Agroecology in Paraguay. |
| 2011 | GMO Moratorium in Peru until 2021 (Law 29811)  
Organic Agriculture and Agroecology Law in Nicaragua (Law 765) |
| 2012 | Regulation of Law 29196, Peru (Decree 010-2012-AG).  
National Policy for Agroecology and Organic Production in Brazil (PNAPO).  
1st IFOAM’s Organic Leadership Course in México with support from SOMEXPRO (Mexican Society of Organic Production) and SAGARPA (Secretary of Agriculture). |
| 2013 | National Plan on Agroecology and Organic Production (PLANAPA) in Brazil.  
National Plan on Agroecology in Uruguay.  
Organic regulation in Ecuador (Agreement Nr. 299).  
| 2014 | National Plan on Agroecology and Organic Production (UC-CNAPE) in Bolivia. |
| 2017 | Federation of Agroecology in Chile.  
2nd IFOAM Organic Leadership Course in Brazil. |
| 2018 | Enforcement of an equivalence agreement for organic production between Chile and the EU.  
1st Latin American Diploma in Biodynamic Agriculture launched by the Biodynamic Agriculture Association of Peru, Demeter International and the Section of Agriculture of the Goetheanum. |
Articles about Latin America and the Caribbean in the 2019 edition of "The World of Organic Agriculture"

• The History of Organic Agriculture and Agroecology in Latin America and the Caribbean
  Patricia Flores

• Milestones of Organic Agriculture and Agroecology in Latin America and the Caribbean
North America: Organic agricultural land by country 2017

Source: USDA and COTA 2019
Organic Agriculture in North America: Key figures 2017

- In North America, 3.2 million hectares are managed organically, of these are two million in the United States and nearly 1.2 million in Canada.
- This represents 0.8 percent of the total agricultural area in the region and 5 percent of the world’s organic agricultural land.
- In 2017, the organic market continued to grow in North America, reaching 43 billion euros. In Canada, the organic market grew by over 9 percent in 2017, and in the United States the organic market grew by 6 percent.
- The United States is the largest single organic market in the world, and North America continues to be the continent with the largest organic market.

Source: COG-COTA and USDA, 2001-2019
North America: Organic agricultural land 2017

North America: Organic agriculture area 2017
Source: COTA and USDA, 2019
North America: Distribution of organic agricultural land by country 2017

North America: Distribution of organic agricultural land by country 2017 (Total: 3.2 million hectares)
Source: COTA and USDA

Canada 37%

United States of America 63%
North America: Shares of organic agricultural land 2017

North America: Organic share of total agricultural land 2017
Source: COTA and USDA, 2019
North America: Use of organic agricultural land 2017
(total: 3.2 million hectares)

North America: Use of organic agricultural land 2017
Source: FiBL survey 2019; based on information from the private sector, certifiers, and governments.

Land use types 2017

- Arable land crops: 44%
- Permanent grassland: 43%
- Permanent crops: 2%
- Other/No details: 11%

Key arable crops
- Cereals: 546 thousand hectares
- Green fodders: 417 thousand hectares
- Oilseeds: 118 thousand hectares
- Dry pulses: 77 thousand hectares
- Vegetables: 70 thousand hectares

Key permanent crops
- Temperate fruits: 13 thousand hectares
- Grapes: 12 thousand hectares
- Nuts: 9 thousand hectares
- Berries: 8 thousand hectares
- Citrus fruit: 5 thousand hectares

Source: www.fibl.org
# Milestones of the Organic Sector in the United States

*Compiled by Barbara Haumann, Organic Trade Association*

<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1946</td>
<td>Walnut Acres in Penns Creek, Pennsylvania, billed as America’s original organic farm. Its apple butter was the first processed food marketed as organic in the United States.</td>
</tr>
<tr>
<td>1947</td>
<td>American publisher and entrepreneur J.I. Rodale founds the Rodale Institute.</td>
</tr>
<tr>
<td>1971</td>
<td>Northeast Organic Farmers Association founded in Vermont and New Hampshire (later added three other chapters and changed name to Northeast Organic Farming Association).</td>
</tr>
<tr>
<td>1985</td>
<td>As a result of discussions at a 1984 IFOAM meeting in Michigan, the Organic Foods Production Association of North America (OFPANA) incorporated as a non-profit corporation. In 1994, it changes its name to the Organic Trade Association.</td>
</tr>
<tr>
<td>1990</td>
<td>The Organic Farming Research Foundation is founded with the goal of advancing organic agriculture research.</td>
</tr>
<tr>
<td>1990</td>
<td>In September, Congress passes the Organic Foods Production Act as part of the 1990 Farm Bill, thus establishing national organic standards.</td>
</tr>
<tr>
<td>1996</td>
<td>The Organic Materials Review Institute incorporated.</td>
</tr>
<tr>
<td>2000</td>
<td>US Congress enacted the Risk Management Act of 2000 that recognizes organic farming as a good farming practice and provides funding for organic risk management.</td>
</tr>
<tr>
<td>2000</td>
<td>The Organic Trade Association and IFOAM sign a memorandum of understanding to integrate the America Organic Standards into IFOAM’s international organic guarantee system.</td>
</tr>
<tr>
<td>2000</td>
<td>Final rule establishing the National Organic Program published on Dec. 21.</td>
</tr>
<tr>
<td>2002</td>
<td>National Organic Program fully implemented in October.</td>
</tr>
<tr>
<td>2004</td>
<td>The Organic Trade Association begins managing the Organic Export Initiative funded by USDA’s Foreign Agricultural Service’s Market Access Program.</td>
</tr>
<tr>
<td>2006</td>
<td>The Global Organic Textile Standard (GOTS) is introduced as an international organic textile standard.</td>
</tr>
<tr>
<td>2009</td>
<td>Officials from Canada and the US sign the first bilateral organic equivalency agreement in the world.</td>
</tr>
<tr>
<td>2011</td>
<td>USDA’s National Organic Program in May releases a Policy Memorandum addressing the labeling of textile products containing organic ingredients such as organic cotton, organic wool, and organic linen.</td>
</tr>
<tr>
<td>2012</td>
<td>US and European Union officials sign an historic organic equivalence arrangement at Biofach in Germany.</td>
</tr>
<tr>
<td>2015</td>
<td>Creation of the Organic Integrity Database listing all certified organic operations meeting National Organic Program standards.</td>
</tr>
<tr>
<td>2016</td>
<td>Conclusive “Hot Spots” research shows organic agriculture boosts local economies (Jaenicke 2016).</td>
</tr>
<tr>
<td>2017</td>
<td>Organic Trade Association sue USDA over failure to advance organic livestock standards.</td>
</tr>
<tr>
<td>2018</td>
<td>A groundbreaking study shows organic agricultural practices build healthy soils and can help fight global warming (Ghabbour et al. 2017).</td>
</tr>
<tr>
<td>2018</td>
<td>Historic advancements and permanent research funding for organic in the 2018 Farm Bill.</td>
</tr>
</tbody>
</table>
## Milestones of the Organic Sector in Canada

Compiled by Tia Loftsgard, Canada Organic Trade Association

<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1953</td>
<td>The Canadian Organic Soil Association (COSA), later renamed the Land Fellowship, is formed as the first formal agricultural organization in Canada.</td>
</tr>
<tr>
<td>1953</td>
<td>The Back to the Farm Research Foundation (BFRF) becomes the first certified organic research and demonstration farm in Canada.</td>
</tr>
<tr>
<td>1975</td>
<td>Peter McQueen starts the Organic Gardeners and Farmers Association, renamed Canadian Organic Growers (COG) in 1978 as a national organic charity.</td>
</tr>
<tr>
<td>1980s</td>
<td>Le Mouvement pour l'agriculture biologique (MAB) commences in Quebec.</td>
</tr>
<tr>
<td>1982</td>
<td>Demeter commences operation in Canada.</td>
</tr>
<tr>
<td>1983</td>
<td>The first certification body Organic Crop Improvement Association Ontario (OCIA-ON) Eastern chapter is established, other local chapters follow.</td>
</tr>
<tr>
<td>1983-1992</td>
<td>The Organic Producers Marketing Co-operative (also known as the Girvin Co-op) is the first organic marketing co-operative in Canada.</td>
</tr>
<tr>
<td>1984</td>
<td>IFOAM calls a meeting in North America which results in Organic Food Production Association (OFPA), today Organic Trade Association (OTA), and eventually Canada Organic Trade Association (COTA).</td>
</tr>
<tr>
<td>1990</td>
<td>The Canadian Organic Unity Project (COUP), renamed as the Canada Organic Advisory Board in 1992, begins a collaborative industry and government consultation process to discuss developing industry-driven organic standards and an accreditation system to be supported by a federal regulation. This is the beginning of the process leading to the implementation of a Canadian Organic Regulation (COR) in July 2009.</td>
</tr>
<tr>
<td>1992</td>
<td>The Glenlea Long-term Rotation Study is established by Dr. Martin Entz as the first and longest running cropping systems study comparing organic and non-organic systems in Canada.</td>
</tr>
<tr>
<td>1995</td>
<td>The first National Organic Standard is developed by the Canadian General Standards Board working with the Canadian Organic Advisory Board; another important step in the progress towards a nationally regulated system.</td>
</tr>
<tr>
<td>1997</td>
<td>The first national organic statistics are published in Canada by industry.</td>
</tr>
<tr>
<td>1997</td>
<td>&quot;Garantie-Bio&quot; establishes a certification program for distributors and obtains accreditation from Ecocert in Quebec.</td>
</tr>
<tr>
<td>1999</td>
<td>The first Canadian voluntary organic standard is established.</td>
</tr>
<tr>
<td>2001</td>
<td>The Organic Agriculture Centre of Canada is established by Dr. Ralph Martin at the Nova Scotia Agricultural College (later Faculty of Agriculture, Dalhousie University).</td>
</tr>
<tr>
<td>2002</td>
<td>Canada hosts IFOAM World Congress in Victoria, British Columbia.</td>
</tr>
<tr>
<td>2002</td>
<td>A National Strategic Plan for the Canadian Organic Food and Farming Sector, by Rod MacRae et al., is published by the Organic Agriculture Centre of Canada.</td>
</tr>
<tr>
<td>2005</td>
<td>Dr. Derek Lynch named as First Canada Research Chair in Organic Agriculture.</td>
</tr>
<tr>
<td>2006</td>
<td>The proposed Organic Products Regulations (OPR) are published in the Canada Gazette. However, implementation is delayed until June 2009.</td>
</tr>
<tr>
<td>2006</td>
<td>National Organic Value Chain Round Table (OVCRT) is formed to bring together industry leaders with governments to build and implement a shared strategic vision for organics in Canada.</td>
</tr>
<tr>
<td>2006</td>
<td>The Organic Federation of Canada (OFC) is formally established.</td>
</tr>
<tr>
<td>2007</td>
<td>Canada Organic Trade Association (COTA) is incorporated in Canada as an independent not for profit, with an affiliation agreement with OTA.</td>
</tr>
<tr>
<td>2009</td>
<td>In June, the adoption of the national Canadian Organic Standard through the Organic Products Regime (OPR) comes into force. Officials from Canada and USA sign the first bilateral organic equivalency agreement in the world in the same month.</td>
</tr>
<tr>
<td>2009</td>
<td>The first Organic Science Cluster (OSCI) is established with a budget of $8.8 million led by the Organic Agriculture Centre of Canada at Dalhousie University in collaboration with the Organic Federation of Canada.</td>
</tr>
<tr>
<td>2010</td>
<td>COG and COTA create Organic Week (an educational campaign directed towards consumers).</td>
</tr>
<tr>
<td>2012</td>
<td>The first Canadian Organic Science Conference is held in Winnipeg, Manitoba.</td>
</tr>
<tr>
<td>2012</td>
<td>The voluntary Organic Aquaculture standards are published through the Canadian General Standards Board.</td>
</tr>
<tr>
<td>2018</td>
<td>The amended Canada Organic Production Standard and Permitted Substances List is published in March.</td>
</tr>
</tbody>
</table>
Articles about North America in the 2019 Edition of "The World of Organic Agriculture"

• United States: New Sales Record  
  Barbara Fitch Haumann

• Milestones of the Organic Sector in the United States

• Canada  
  Tia Loftsgard

• Milestones of the Organic Sector in Canada
Oceania: Organic agricultural land by country 2017

FiBL survey 2019, based on national sources and data from certifiers.
Organic agriculture in Oceania: Key figures 2017

• This region includes Australia, New Zealand, and the Pacific Islands.
• Altogether, there are almost 27,000 producers, managing 35.9 million hectares.
• This constitutes 8.5 percent of the agricultural land in the area and 51 percent of the world’s organic land.
• Ninety-nine percent of the organic land in the region is in Australia (35.6 million hectares, 97 percent of which is estimated to be extensive grazing land), followed by Samoa (106,406 hectares), and New Zealand (88,871 hectares).
• The highest shares of all agricultural land are in Samoa (37.6 percent), followed by Australia (8.8 percent), Vanuatu (7 percent), and Tonga (4.8 percent).
Oceania: Development of organic agricultural land 2000-2017

Source: FiBL-IFOAM-SOEL-Surveys 2002-2019
Oceania: Organic agricultural land 2017

Oceania: Organic agricultural land by country 2017

Source: FiBL survey 2019

- Australia: 35'645'038
- Samoa: 106'406
- New Zealand: 88'871
- Fiji: 16'604
- Vanuatu: 14'881
- Papua New Guinea: 13'675
- Solomon Islands: 3'927
- Kiribati: 1'600
- Tonga: 1'588
- French Polynesia: 1'491
- Niue: 165
- New Caledonia: 94
- Cook Islands: 25

Hectares
Oceania: Distribution of organic agricultural land by country 2017

Oceania: Distribution of organic agricultural land by country 2017 (Total: 35.9 million hectares)
Source: FiBL survey 2019

- Australia: 99%
- Rest: 1%

Source: FiBL survey 2019
Oceania: Shares of organic agricultural land 2017

Oceania: Organic share of total agricultural land by country 2017
Source: FiBL survey 2019

Share of total agricultural land

- Samoa: 37.6%
- Australia: 8.8%
- Vanuatu: 8.0%
- Tonga: 4.8%
- Kiribati: 4.7%
- Fiji: 3.9%
- Solomon Islands: 3.6%
- Niue: 3.3%
- French Polynesia: 3.3%
- Cook Islands: 1.7%
- Papua New Guinea: 1.1%
- New Zealand: 0.8%
- New Caledonia: 0.1%
Oceania: Use of organic agricultural land 2017 (total: 35.9 million hectares)

Source: FiBL survey 2019

- Permanent grassland: 97%
- Other/No details: 3%

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<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>1938</td>
<td>First documented conscious organic/BD activity identified when Bob Williams presents the first public lecture on biodynamics in Australia at the home of Walter Burley and Marion Mahoney Griffin.</td>
</tr>
<tr>
<td>1944</td>
<td>Australian Organic Farming and Gardening Society (AOFGS) founded - the first organic advocacy association in Australia and first formal use of ‘Organic’ in an organisation (worldwide).</td>
</tr>
<tr>
<td>1946-54</td>
<td>Publication of the Organic Farming Digest (renamed Farm &amp; Garden Digest) is the second worldwide publication to use the term organic in the title (first being Rodale magazine).</td>
</tr>
<tr>
<td>1946</td>
<td>The Living Soil Association of Tasmania founded.</td>
</tr>
<tr>
<td>1957</td>
<td>Biodynamic Agricultural Association of Australia (BDAAA) founded.</td>
</tr>
<tr>
<td>1965</td>
<td>Soil Association of South Australia (SASA) formed.</td>
</tr>
<tr>
<td>1970s</td>
<td>SASA sponsors development of organic standards, labelling and certification by Organic Food Movement (OFM). Short-lived, but is the first attempt at organic certification in Australia.</td>
</tr>
<tr>
<td>1978</td>
<td>Bill Mollison and David Holmgren publish Permaculture One.</td>
</tr>
<tr>
<td>1984</td>
<td>SASA holds first scientific conference on organic agriculture in the Southern Hemisphere.</td>
</tr>
<tr>
<td>1986</td>
<td>National Association for Sustainable Agriculture Australia (NASAA) begins to offer organic certification in 1987.</td>
</tr>
<tr>
<td>1988</td>
<td>Biological Farmers of Australia (BFA) registered (later becomes Australian Organic Ltd).</td>
</tr>
<tr>
<td>1989</td>
<td>First PhD on the economics of organic agriculture in Australia (Dr Els Wynen, La Trobe University, Melbourne).</td>
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<tr>
<td>1992</td>
<td>NASAA launches input certifications.</td>
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<tr>
<td>1992-96</td>
<td>AUS-QUAL accredited as an export certifier (92) followed by Organic Food Chain (OFC) in 96 (first Australian privately owned certification bodies).</td>
</tr>
<tr>
<td>1996</td>
<td>NASAA (and KRAV) becomes first certification organisation(s) to receive IOAS accreditation.</td>
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<tr>
<td>1997</td>
<td>First national organic funding program (Rural Industries Research and Development Corporation). Abandoned in 2012 on the grounds that organic agriculture was now a ‘mature industry’.</td>
</tr>
<tr>
<td>1998</td>
<td>Organic Federation of Australia (OFA) founded.</td>
</tr>
<tr>
<td>2000</td>
<td>The World of Organic Agriculture yearbook reports Australia has the world’s largest area under certified organic management (and every year since).</td>
</tr>
<tr>
<td>2005</td>
<td>15th IFOAM Organic World Congress held in Adelaide.</td>
</tr>
<tr>
<td>2006</td>
<td>NASAA receives first Australian NOP accreditation.</td>
</tr>
<tr>
<td>2009</td>
<td>Organic Industry Standards and Certification Council (OISCC) established to oversee standards and certification for both domestic and export market.</td>
</tr>
<tr>
<td>2009</td>
<td>OTARE founded (Organic Trust Australia - Research and Education).</td>
</tr>
<tr>
<td>2017</td>
<td>Certified organic area covers over 35 million hectares or about 10% of Australia’s agricultural lands, involving 1’998 producers, 1’432 processors, and 598 handlers, valued at about 2.4 billion Australian dollars.</td>
</tr>
<tr>
<td>2018</td>
<td>Centre for Organics Research formed at Southern Cross University. First chair of organic agriculture at an Australian University.</td>
</tr>
<tr>
<td>2018</td>
<td>Organic Industries Australia OIA established as a peak body replacing OFA.</td>
</tr>
</tbody>
</table>
## Milestones of the Development of Organics in the Pacific Islands

<table>
<thead>
<tr>
<th>Year</th>
<th>Milestone</th>
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<tbody>
<tr>
<td>Late 1990s</td>
<td>First 3rd party certified producers – Fiji, Samoa, and Papua New Guinea.</td>
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<tr>
<td>2003</td>
<td>Foundation of the Pacific Organic Producers Association.</td>
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<td>2005</td>
<td>First Pacific Delegates attend the Organic World Congress in Adelaide, Australia.</td>
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<tr>
<td>2006</td>
<td>IFOAM and IFAD initiate project to develop Pacific Organic Standard (POS).</td>
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<tr>
<td>2006</td>
<td>Pacific Community, with IFAD assistance, establish Regional Organic Task Force (ROTF) to provide stakeholder input to development of POS.</td>
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<tr>
<td>2008</td>
<td>POS accepted by the Pacific’s leaders (Prime Ministers and Presidents) at the Pacific Island Forum Leaders meeting in Niue.</td>
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<tr>
<td></td>
<td>Heads and Ministers of Agriculture and Forestry Services in the Pacific officially endorse the POS as the regional organic standard.</td>
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<tr>
<td>2009</td>
<td>ROTF decides to form permanent body as the Pacific Organic and Ethical Trade Community.</td>
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<tr>
<td>2009</td>
<td>First PGS in the Pacific.</td>
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<td></td>
<td>BioCaledonia in New Caledonia established and licensed to use the Organic Pasifika Mark.</td>
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<tr>
<td>2010</td>
<td>Pacific Community agrees to host POETCOM secretariat.</td>
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<tr>
<td>2012</td>
<td>POETCom secretariat established in the Pacific Community, Fiji.</td>
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<td></td>
<td>First POETCom General Assembly in French Polynesia.</td>
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<td></td>
<td>Heads and Ministers of Agriculture and Forestry services delegate management of the POS and the Pacific Organic Guarantee Scheme.</td>
</tr>
<tr>
<td>2014</td>
<td>Cicia Island in Fiji becomes first organically certified (PGS) island in the Pacific.</td>
</tr>
<tr>
<td>2015</td>
<td>Pacific Organic Standard (POS) accepted into the IFOAM Family of Standards.</td>
</tr>
<tr>
<td>2016</td>
<td>Pacific Organic Tourism and Hospitality Standard (POTHS) completed.</td>
</tr>
</tbody>
</table>
Articles about Oceania in the 2019 Edition of "The World of Organic Agriculture"

- Australia
  Andrew Lawson, Amy Cosby, Derek Baker, Shawn Leu, Ed Lefley, Amerjit Sahota, and Nick Bez
- Milestones of the History of Organics in Australia
- The Pacific Islands
  Karen Mapusua
- Milestones of the Development of Organics in the Pacific Islands
More information


Contact
Helga Willer and Julia Lernoud
Research Institute of Organic Agriculture (FiBL)
5070 Frick
Switzerland
helga.willer@fibl.org and julia.lernoud@fibl.org
Disclaimer

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