Today, the European bioeconomy sectors are worth **2 TRILLION EUROS** in annual turnover and account for **22 MILLION JOBS** in the EU. That is approx. **9% of the EU’s** workforce.*

**BIOPLASTICS** are (partly or fully) biobased, biodegradable, or both. The global bioplastics production capacity is **set to grow 350%** by 2019.

**BIOPLASTICS** have been designated a **LEAD MARKET** by the European Commission. The bioplastic market’s immense growth will help drive the further evolution of a bioeconomy in Europe.

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**Global production capacities of bioplastics**


More information: [www.bio-based.eu/markets](http://www.bio-based.eu/markets) and [www.downloads.ifbb-hannover.de](http://www.downloads.ifbb-hannover.de)
**BIOPLASTIC production capacities are growing fastest outside of Europe.** In order to attract investments and to secure its place amongst the top-players in the bioplastics market, the EU needs to implement favorable framework conditions.

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**Global production capacities of bioplastics in 2014 (by region)**

- **Asia**: 14.0%
- **South America**: 12.0%
- **North America**: 15.4%
- **Europe**: 58.1%
- **Australia/Oceania**: 0.5%

**Total: 1.7 million tonnes**

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**Global production capacities of bioplastics in 2019 (by region)**

- **Asia**: 4.1%
- **South America**: 4.9%
- **North America**: 80.6%
- **Europe**: 10.3%
- **Australia/Oceania**: 0.1%

**Total: 7.85 million tonnes**

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More information: [www.bio-based.eu/markets](http://www.bio-based.eu/markets) and [www.downloads.ifbb-hannover.de](http://www.downloads.ifbb-hannover.de)
**BIOPLASTICS** are a broad family of materials with widely varying properties.

Ultimately, **BIOPLASTICS** can find a place in all market segments where conventional plastics are used. In many of these market segments, bioplastic alternatives are already available today.

**DROP-IN SOLUTIONS** represent the single largest sector of the global bioplastics production. They are (partly) **biobased, non-biodegradable commodity plastics** such as PE, PET, or PP, and can be easily recycled along their conventional counterparts.
BIOPLASTICS rely on about 0.01% of the global agricultural area of 5 billion ha.
This compares to the size of an average CHERRY TOMATO vis-à-vis the Eiffel Tower.

A glance at the global agricultural area makes it abundantly clear: The area used to grow crops for BIOPLASTICS is nowhere near being in competition TO FOOD AND FEED.

**Land use for bioplastics 2014 and 2019**

- **Food & Feed**
  - 1.24 billion ha = 26%*
- **Material use***
  - 106 million ha = 2%*
- **Biofuels**
  - 53 million ha = 1%*
- **Bioplastics**
  - 2014: 0.68 million ha = 0.01%*
  - 2019: 1.4 million ha = 0.02%*

**GLOBAL AGRICULTURAL AREA**
- Pasture
  - 3.5 billion ha = 70%*
- **Arable land**
  - 1.4 billion ha = 30%*

* In relation to global agricultural area
** Also includes approx. 1% fallow land
*** Land-use for bioplastics is part of the 2% material use


Increasing the efficiency of feedstock and agricultural technology is continuously enhancing good agricultural practice. What's more: Today, such best practise is also ensured through the emergence of reliable and independent sustainability certification schemes such as ISCC, WLC or BonSucro.
You want to learn more about the advantages and applications of bioplastics?

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