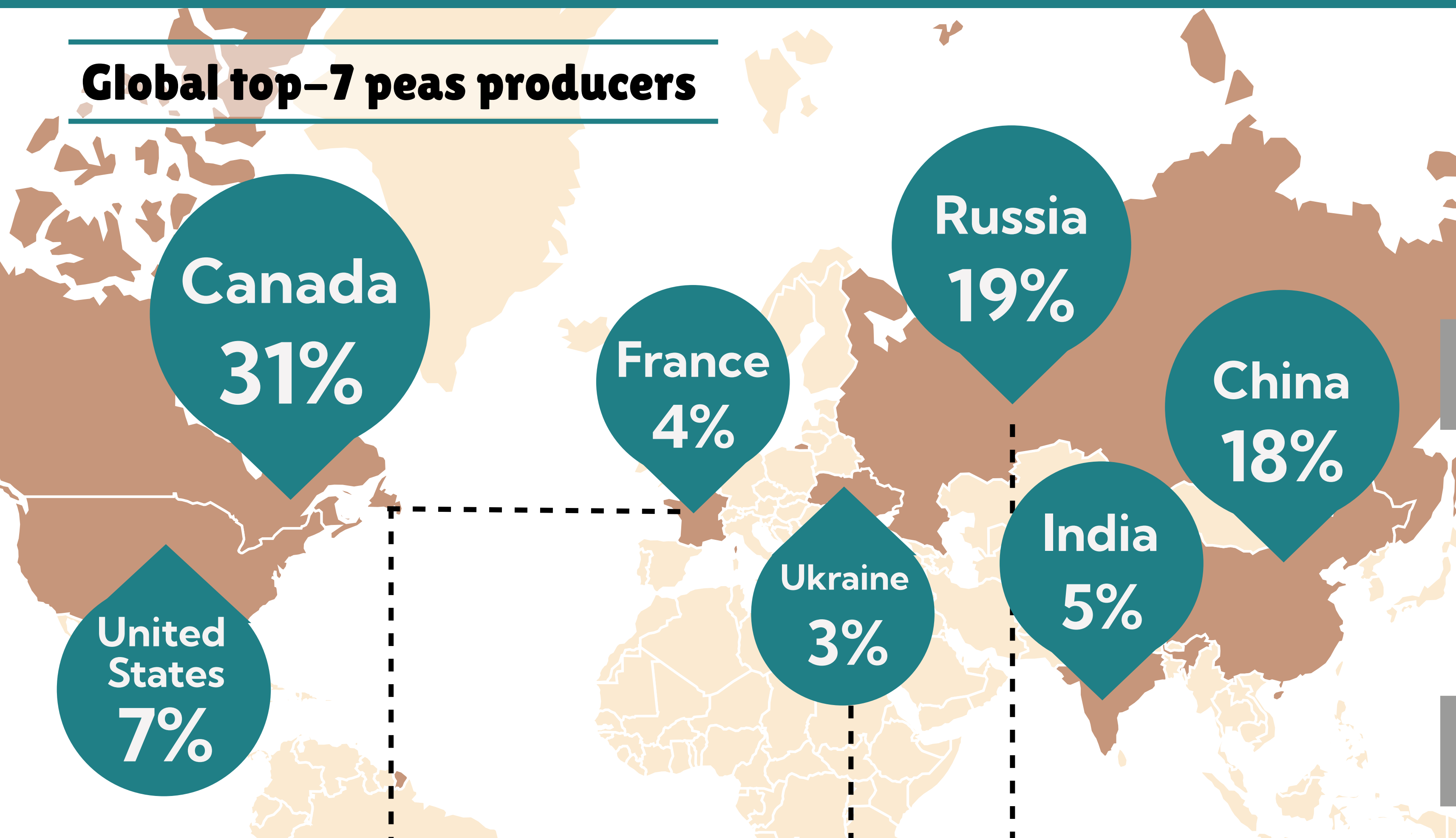


# Peas



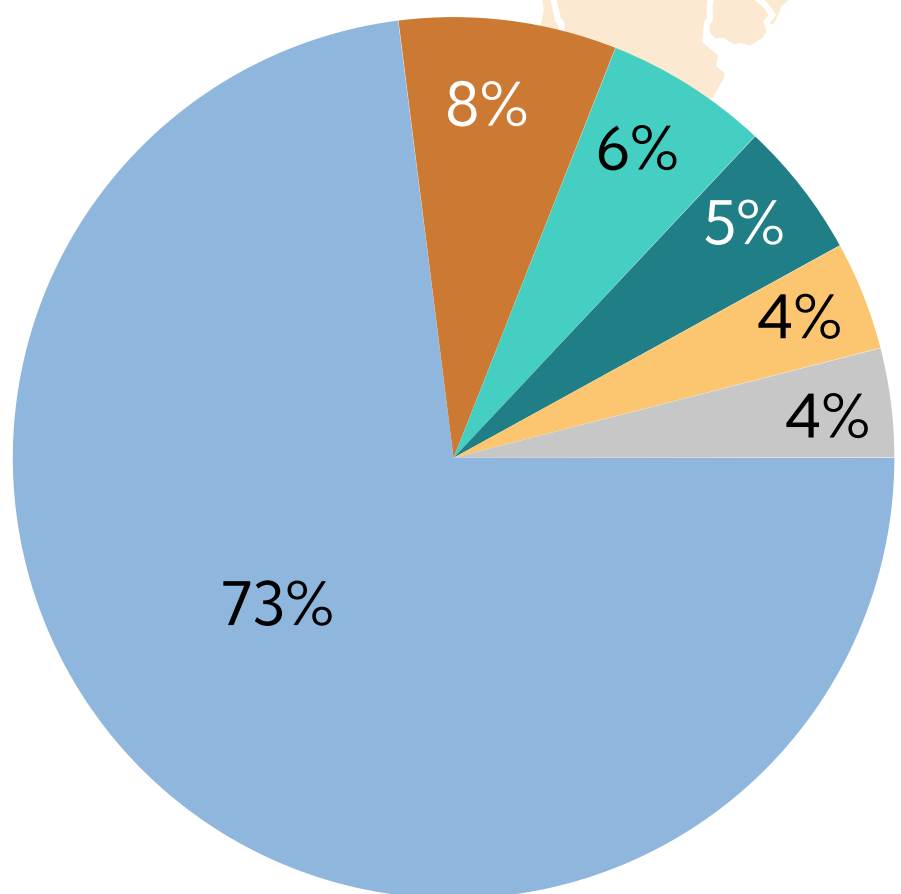
## Production & Trade

### Global top-7 peas producers

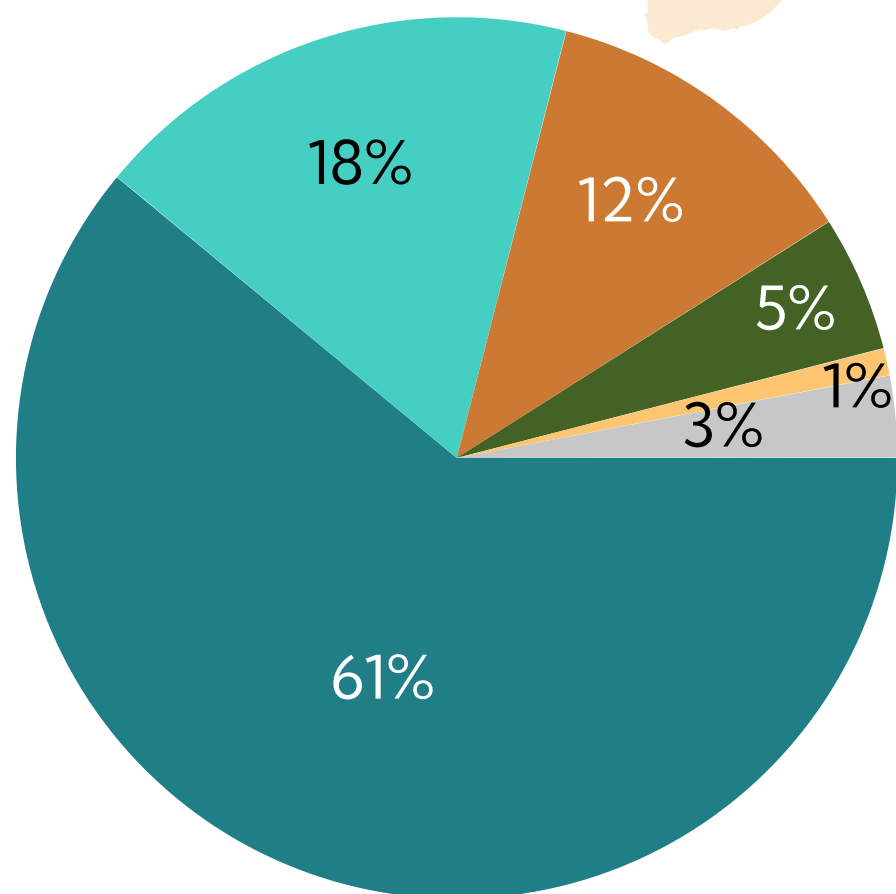


Russia (74%), Ukraine (15%), Canada (5%) and Belarus (2%) were the largest non-EU suppliers of peas to the European market in 2021. **Main recipients of Russian and Ukrainian peas are Italy and Spain.**

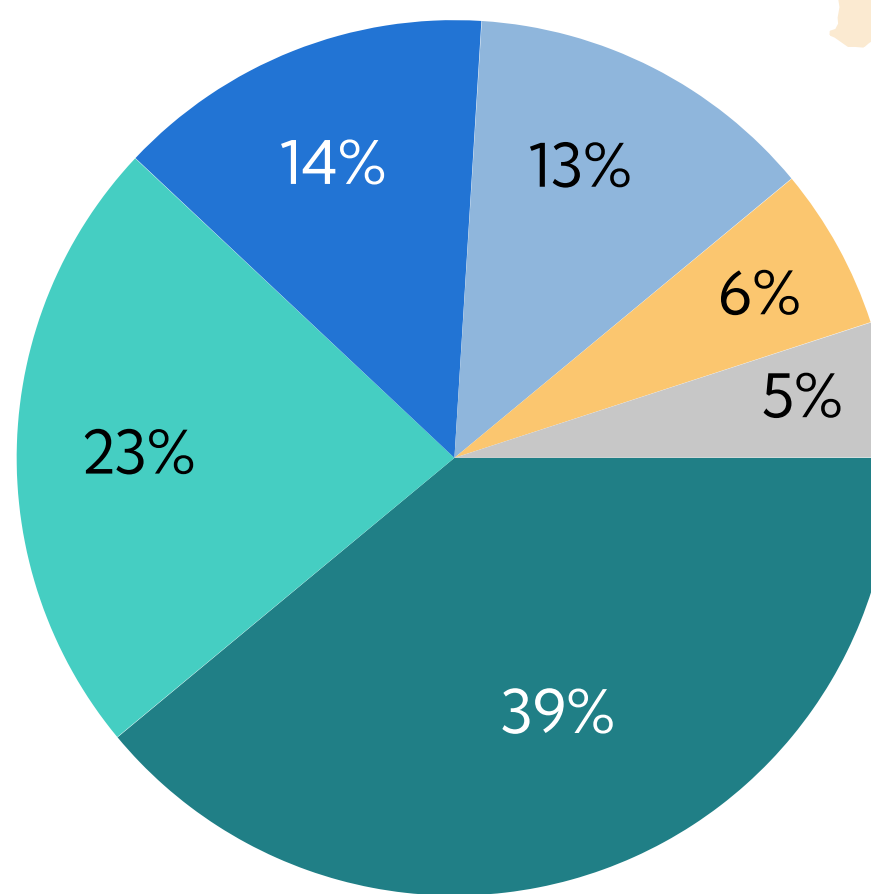
Top 5 EU27 + UK recipients of France exports



Top 5 EU27 + UK recipients of Ukraine exports



Top 5 EU27 + UK recipients of Russia exports



- Italy
- Netherlands
- Germany
- Latvia
- Spain
- Belgium
- Poland
- Other EU27+UK countries

The EU28 also imports frozen peas (HS 071021), mainly from Serbia and China, respectively 5,414 MT and 2,305 MT in 2021 (low volumes compared to dry peas)

The majority of peas (and soy) protein concentrates and textured protein substances to the EU originate from **Serbia, the United States, and China.**

In 2020, the top 7 producing countries **comprised 80 % of peas production worldwide**. Other countries with **more than 2% share** in global peas production are Ethiopia and Germany. **Canada and Russia** are the largest global producers of peas, respectively having a 31% and 19% share in global production, followed by China (10%).



Within Europe, **France is the largest European producer** of peas (4% of global production). Also Germany, Spain, and Lithuania are EU producers with more than 1% of global peas production.

The EU also imports **protein concentrates and textured protein substances** (HS 21061020), that are processed for instance from peas and soy, and which are relevant for its use in vega(n) products





# Peas

## Environmental Risks

Overall, **little environmental sustainability risks** are reported linked to peas production.

**1,979  
m<sup>3</sup>/ton**

is the average  
water footprint  
of peas

An old study with data from 1996–2005 refers to **1,979 m<sup>3</sup>/ton** as the **global average water footprint of peas**.

Compared to data from the same study on other plant-based products (e.g. coconut is 2,687 m<sup>3</sup>/ton; cowpeas is 6,906; chickpeas 4,177, cashew 14,218; almonds 16,095) this is a **low water footprint**.

Water Use

**Carbon emissions** linked to peas production are **low**. Peas have the ability to fix nitrogen, improving soil health.

**0.58  
kg CO<sub>2</sub>eq**

is the carbon  
footprint per kg  
of peas

Emissions

# Peas



## Social Risks

Overall, **little social sustainability risks** are reported linked to peas production.

### Reputation Risk

Relevant is that peas supplied to the EU are largely produced in countries linked to the 2022 **Russia-Ukraine crisis**, such as Russia, Ukraine, and Belarus.

Sourcing from these countries may involve **reputation risks** for vega(n) producers.

**74%**

**of 2021 EU peas imports originate from Russia**

### Labour Rights

Textured protein substances, for instance made from peas, imported in the EU in 2021, originate from Serbia (45%), the United States (28%) and China (22%). While there is no specific reporting on labour conditions linked to peas production, **labour conditions in Chinese processing facilities are often not meeting international standards**, conventions, and rights.