

## FINNISH PLASTICS INDUSTRY

A wide variety of different products are made from plastics in Finland. Mostly packaging and construction products as well as technical products are manufactured.

Companies ~ 600

- 550 plastic product manufacturers
- 10 recyclers

~ 12,000 employees

Turnover ~ € 3 billion



[plastics.fi](https://plastics.fi)



**NO  
PLASTICS  
WHY ON  
EARTH!**

Would we have all this without plastics?



Pipes, wells, tanks, bottles - made of plastics - all to carry clean, fresh water wherever needed.

Plastics protect and do not fail even in the most demanding conditions. And the water is still clean and fresh.

Did you know that in agriculture the use of water and irrigation systems made from plastics adjust just the right amount of water?

Plastic irrigation pipes and trippers prevent waste of water and nutrients!

**PLASTICS PROVIDE**

**CLEAN AND FRESH WATER  
ESSENTIAL EVERY DAY**

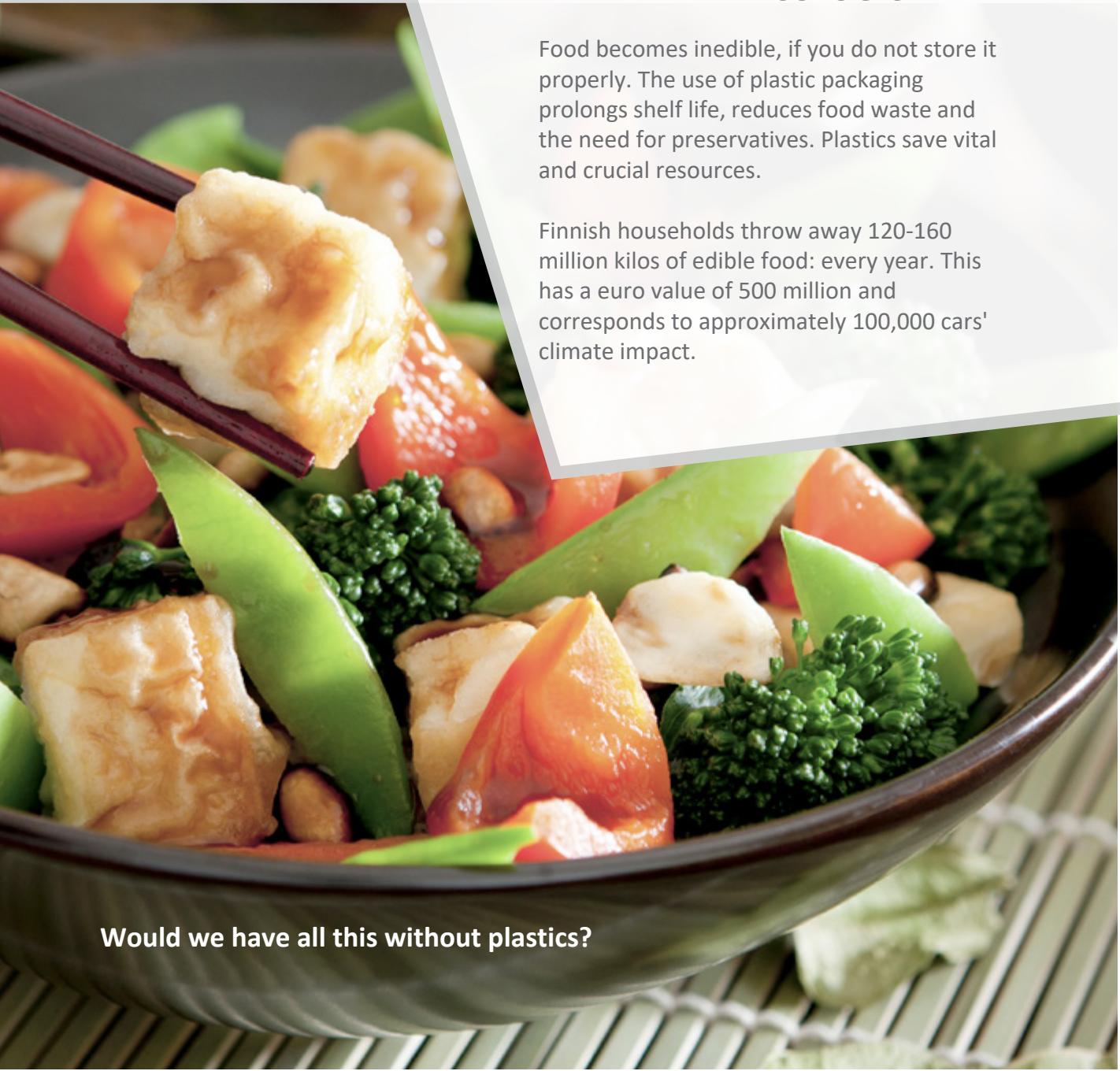
# PLASTICS PROVIDE

## SAFE FOOD EFFICIENTLY AND ECOLOGICALLY

Food becomes inedible, if you do not store it properly. The use of plastic packaging prolongs shelf life, reduces food waste and the need for preservatives. Plastics save vital and crucial resources.

Finnish households throw away 120-160 million kilos of edible food: every year. This has a euro value of 500 million and corresponds to approximately 100,000 cars' climate impact.

Would we have all this without plastics?




# PLASTICS PROVIDE HEALTH AND CARE

Plastics save lives.

In health care, the plastics are hygienic and even patient-friendly alternatives. They speed up the healing process and enable effective treatment of most patients.

Plastics are used in many medical applications such as hospital textiles and device, in prosthesis and implants, in dentistry, as biodegradable pharmaceutical capsules and in the familiar blood bags.



Would we have all this without plastics?

# PLASTICS PROVIDE

# COMFORT IN LIVING

From coffee machines to loudspeakers and everything in between. In addition, plastics are part of the technical solutions in housing and provide a sharp boost in energy efficiency in houses and buildings. Where can you find plastics at home?

Within the EU, a quarter of all energy is used for heating and cooling buildings.

The need for energy decreases and the quality of indoor air is enhanced when plastic insulation, window profiles, water systems, barrier films and ventilation valves are correctly installed.



Would we have all this  
without plastics?



Would we have all this  
without plastics?

Rackets, clubs, balls, bicycles, shoes. Plastics enable safe sports equipment of high quality. Plastics provide comfort and performance in all weathers and in all circumstances.

Wetsuits, rainwear, waterproof and windproof textiles that breathe are based on innovations made by the plastics industry.

**PLASTICS PROVIDE**

**REFRESHING  
EXPERIENCES**

# PLASTICS PROVIDE

## TECHNICAL LEAD

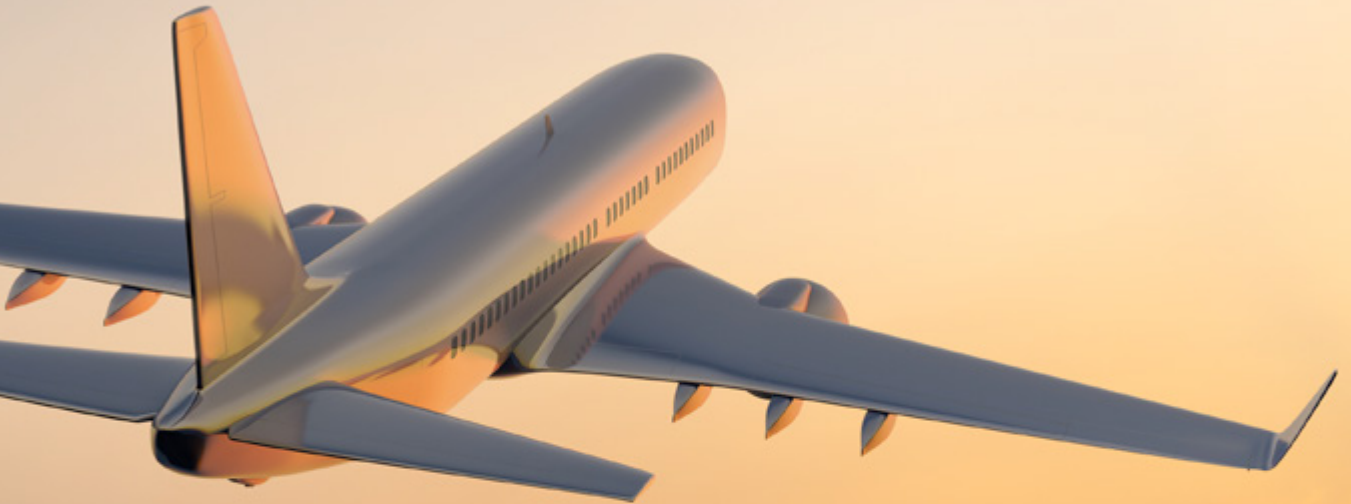
Fire safety, impact resistance and user-friendliness. Plastics are formable and agile, flexible and versatile; they make everyday electronics safe and secure to use. Technical development would often be impossible without plastics. Plastics play important roles in technology.

Have a thought! Would it be possible to communicate in the social media without tablets and smart phones?

Most of the appliances are made of plastics.

**Would we have also this without plastics?**

Would we have all this without plastics?



Man should stay in motion - responsibly.  
Different plastics products are also created  
to facilitate mobility.

Plastics is the winner in weight-loss  
competitions.

The energy consumption in transport is  
directly proportional to weight of freight.  
As the weight decreases, energy  
consumption and emissions are also  
(heavily) reduced.

**PLASTICS PROVIDE MOBILITY**



# PLASTICS PROVIDE

## SAFER TRAFFIC

Seat belts, airbags and shock-absorbing bumpers, reflectors, and even equipment for traffic management: Plastics increase road safety.

In addition, they reduce consumption and emissions from vehicles and enable their versatile design.

The car is lighter, more energy saving and safer than ever before.

Would we have all this without plastics?



Would we have all this without plastics?

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Regardless of whether the energy is taken from the sun or wind, plastics enable efficient energy storing. Light structured, efficient and suitable plastic solutions are reliable in wind turbine structures and for solar panels to collect heat and electricity.

The properties of the plastics maximize the opportunities to reduce unwanted environmental effects from the business.

Plastics are pure cleantech.

**PLASTICS PROVIDE**

**NEW ENERGY**



Would we have all this  
without plastics?

The raw material for plastics can nowadays be produced from several different organic materials. For example, potato or corn starch can be converted into plastic.

Biodegradable plastics can be used in products where compostability and the origin of the raw material are important.

Both bio-based and biodegradable plastics complement the environmentally friendly development.

**PLASTICS PROVIDE GREENER OPTIONS**

# THE CHOICE IS YOURS

Plastics can be recycled and reused.

It is the responsibility of each consumer to keep the environment clean and to recycle plastics.

Plastics is a material for responsible consumers.

Are you?

Responsible?

