



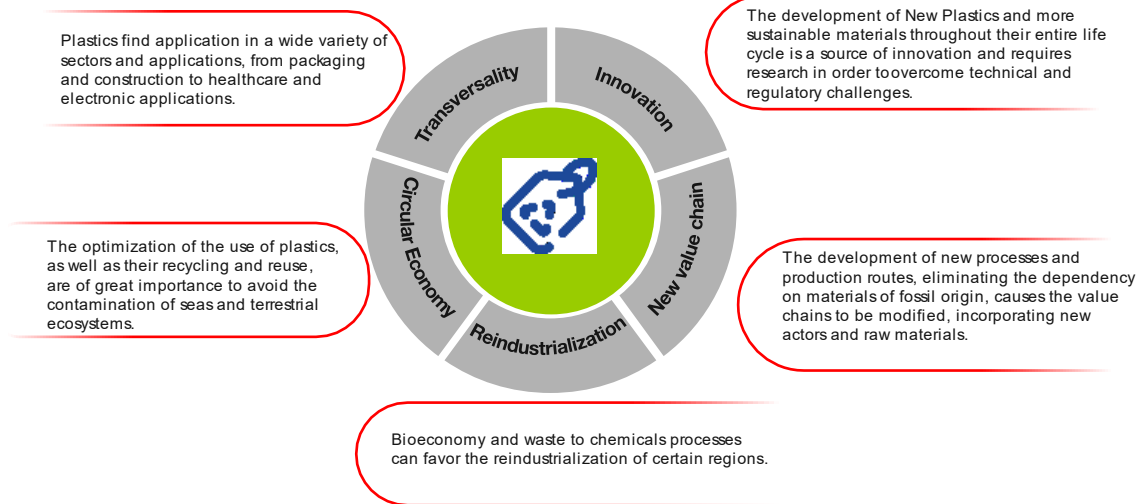
## Event in Barcelona 28 November 2023

Plastic is a versatile and widely used material that has made significant contributions to various aspects of modern life. Its importance can be attributed to several factors:

1. **Durability:** Plastics are known for their durability and resistance to corrosion, moisture, and chemicals. This makes them suitable for a wide range of applications, including packaging, construction, and transportation.
2. **Lightweight:** Plastics are typically lightweight, which can reduce the weight of products and make transportation more efficient. This is particularly important in industries such as aerospace and automotive.
3. **Cost-effectiveness:** Plastics are often more cost-effective to manufacture than alternative materials like metal or glass. This affordability makes them a popular choice for many consumer products.
4. **Versatility:** Plastics can be engineered to have a wide range of properties, from flexible and transparent to rigid and opaque. This versatility allows them to be used in various applications, from medical devices to electronics.
5. **Insulation properties:** Some plastics are excellent insulators, both electrically and thermally. This makes them valuable in the production of electrical components and in construction to improve energy efficiency.
6. **Hygiene and safety:** Plastics are often used in medical and food packaging because they can be manufactured in a way that maintains product safety and hygiene. They are also easy to clean and sterilize.
7. **Environmental considerations:** While plastics have been criticized for their impact on the environment, they can also offer environmental benefits in some cases. For example, lightweight plastic materials in vehicles can improve fuel efficiency and reduce greenhouse gas emissions. Additionally, some plastics can be recycled and reused, contributing to sustainability efforts.
8. **Medical advancements:** Plastics have played a crucial role in the development of medical devices, from syringes to artificial organs. They are biocompatible, easy to sterilize, and can be designed to meet specific medical requirements.
9. **Packaging and preservation:** Plastic packaging materials help extend the shelf life of many products, reducing food waste and preserving goods during transportation.
10. **Innovation and design possibilities:** Plastics enable the creation of intricate and novel designs that would be challenging or impossible with other materials. This has led to innovations in various industries, such as consumer electronics and product design.

**Importance of plastics for the industry**

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In recent years, the widespread use of plastics has also raised concerns about environmental pollution, waste management, and the need for sustainable alternatives. This has led to efforts to develop biodegradable plastics, improve recycling infrastructure, use innovative materials, design for circularity, and reduce plastic consumption overall.

Addressing these challenges is the main goal of [PLASTIX](https://www.interregeurope.eu/plastix), a project co-funded by the Interreg Europe programme, to balance the benefits of plastics with its environmental impact.



**PLASTIX supports the transition towards circular economy by addressing the reusability, recyclability and replaceability of plastics.**

On 28 November 2023, a [seminar](#) open to the participation of Catalan companies and entities will take place in Barcelona where the project will be explained, the report on the state of the art in the plastics sector will be presented, as well as the situation of the sector at the global level.

Topics such as recycling, chemical recycling, and microplastics will also be discussed. The different European and regional initiatives will be explained.

Do not miss it!