



Training

AIMPLAS has the highest specialized technical offer in the plastics and recycling sector, including on-line, on-site and customized courses adapted to the particular needs of each company. Some of our courses in our catalogue are:

- Biomaterials: bioplastics and biocomposites.
- Carbon footprint in the plastics sector and reduction strategies.
- Recycling of plastic materials.
- Characterization and quality control of recycled material.
- Use of recycled plastic in food packaging.

AIMPLAS offer to companies a complete programme of events, seminars and workshops about sustainability, recovery and recycling.

www.plastics-training.aimplas.net



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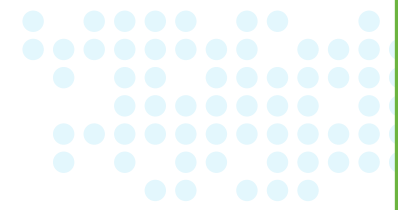
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SUSTAINABILITY AND INDUSTRIAL RECOVERY



AIMPLAS
PLASTICS TECHNOLOGY
CENTRE



innovation
IN PLASTIC



SUSTAINABILITY AND INDUSTRIAL RECOVERY

The environment constitutes a great opportunity and/or obligation for transforming, recycling and plastic materials user companies.

AIMPLAS offers several services and assessments related to the environment and sustainability in any of the sectors linked to the plastics industry. In this group the plastic materials recycling is included, as one of the key sectors.



- Ecodesign of products.
- Environmental process and plastic products control: life cycle assessment (LCA) and carbon footprint.
- Minimization of wastes.
- Development of new renewable and/or biodegradable materials (bioplastics and biocomposites).
- Study of recyclability, biodegradability and compostability of products.
- Incorporation of plastic wastes to non-plastic matrixes.
- Incorporation of non-plastic wastes to plastic matrixes.
- Separation and recycling of complex wastes
- Development and application of decontaminating technologies to improve recycled and natural plastic materials: elimination of hazardous substances and/or odour reduction.
- Recycling of thermosetting/elastomer plastics.
- Search for new market applications for recycled materials: automotive parts, constructive elements, packages in contact with food, etc.
- Chemical recycling of plastic materials (obtaining interesting chemical products from plastic wastes).
- Energy recovery of plastic wastes.
- Clean technologies in processing and plastics recovery.



Technical Assessment

- Ecodesign of products.
- Eco-labelling of materials and products (management of the associated certifications).
- Environmental, economic and social Life Cycle Assessment (LCA).
- Product and corporate carbon footprint.
- Assessment in the implementation of Good Environmental Practices.
- Environmental and energy auditing.
- Analysis and improvement of the recyclability of products.
- Optimization of the recycling processes and the properties of recycled plastics (fluidity, transparency, gloss, odour, impact, etc.).
- Reduction and re-use of production scraps and rejects.
- Use of recycled material in certain applications.
- Auditing of use of recycled material.
- Assessment for the European Authorization of recycled material fit for food contact.
- Studies on functional barrier for the use of recycled material in food packaging.
- Environmental and product legislation (recycled material in contact with food, registers and environmental authorizations, etc.).

Analysis and Testing

- Characterization of plastic wastes.
- Characterization of recycled materials: humidity, distribution of particle size, contaminations, filterability, alkalinity, etc.
- Validation of specifications for recycled materials and products manufactured with recycled material.
- Tests of biodegradability (in compost, soil and aqueous/maritime medium) of materials and products.
- Tests of disintegration of materials and products.
- Tests of compostability of materials and products.

Competitive Intelligence

AIMPLAS offers strategic key information services for the business decision-making:

- Strategic surveillance: technical and legislative news, information about the Market and raw materials prices, aids and subsidies, etc.
- Customized services for the control and accomplishment of technical standards and environmental legislation.
- Customized electronic alerts and bulletins. Specific bulletin "Plastics recycling".
- The Plastics Observatory.

www.observatoriodioplastico.com

