



POLYMIX news

POLYMER WASTES IN ASPHALT MIXES: A WAY TO INCREASE SUSTAINABILITY OF ROAD

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How to counteract the increase in the plastic manufacture and consumption ?

According to Plastics Europe, the consumption of plastic products has radically increased in the last decades. In the world, in 2010, around 265 millions of tons were produced and the growth tendency of plastic manufacture was 5% in the last decades.

This increasing trend is not strange if the unique properties of these materials and the meaningful role they have in the development and growth of several sectors in Europe (clothes, housing, vehicles, aircraft, packaging, medicines, etc.) are considered.

However, the high production and consumption of these products imply the generation of approximately 25Mt/year of plastic waste. Taking into account the average recycling rate of this waste in Europe is around 15-30%, most of it, around 70-85% are sent to dumping sites or energy recovery plants, with the subsequent environmental impact.

The search of options for reuse, recycling and revalorization is increasingly becoming urgent .

Available the Green Public Procurement POLYMIX guide

The Department of Transports and Infrastructures of the Madrid Community has completed a guide with proposals for the incorporation of sustainable criteria in the Public Contracts, including as study case the POLYMIX mixtures. Available shortly in the web.

Next 12 August a free online seminar will be organized about Sustainable Public Procurement.

More information available at the website: www.polymixlife.eu

POLYMIX mixtures offer a sustainable option for the recycling of plastic wastes

The Life Cycle Analysis carried out by AIMPLAS indicates that two of the Polymix mixtures, apart from finding an outlet to plastic waste, cause a lower environmental impact than conventional mixtures during its lifetime.

According to this study, mixtures incorporating polypropylene and ELT in their composition show a 10% reduction in the four impact categories considered (demand of accumulated energy, potential of global warming, acidification potential and eutrophication potential).

Webinar about the environmental improvements by the incorporation of wastes in asphalt mixtures

Last Wednesday 25 June a free online seminar was organized for all professionals interested in the application of life cycle analysis in asphalt mixtures.

The webinar was organized by AIMPLAS and brought together a number of 20 attendants. The presentation of this webinar may be freely visualized from the POLYMIX project website .



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