

INSIDE RESEARCH

Economia circolare: nuovi processi e prodotti per la valorizzazione dei residui e degli scarti

PROGETTO IMPRESA

IMPIEGO DI MATERIALI PLASTICI DA RICICLO PER MALTE E CALCESTRUZZI STRUTTURALI ALLEGGERITI

RELATORE PROF. ANDREA NOBILI, UNIMORE

Bando per progetti di ricerca industriale strategica rivolti agli ambiti prioritari della Strategia di Specializzazione Intelligente (azione 1.2.2) Asse I POR FESR Emilia-Romagna 2014-2020

R2B OnAir

17 giugno 2021 | 11.00-12.00
DIGITAL WORKSHOP

FLIES 4 VALUE

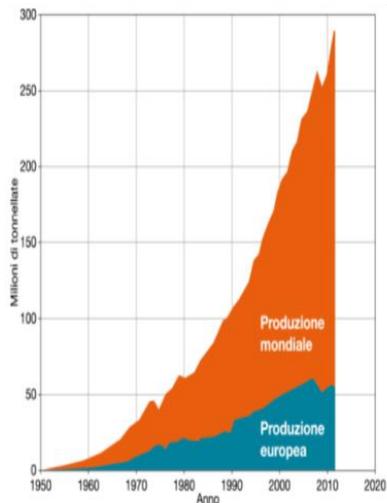
BIOWAFER

VALUE CE-IN

IMPRESA BETONPLAST

FIREMAT
FIRE resistant MATERIALS & COMPOSITES

Il Progetto: premessa



Andamento della produzione delle materie plastiche (Fonte PlasticsEurope, CersaPac). Il valore include termoplastici, termoplastici, poluretani, elastomeri, adesivi, coating e fibre in PP; zone escluse PET, PA e fibre poliacriliche



Includes Thermoplastics, Polyurethanes, Thermosets, Elastomers, Adhesives, Coatings and Sealants and PP-fibers. Not included: PET-fibers, PA-fibers and Polyacryl-fibers.

JOB
Over 1.6 million people
 The plastics industry gives direct employment to more than 1.6 million people in Europe

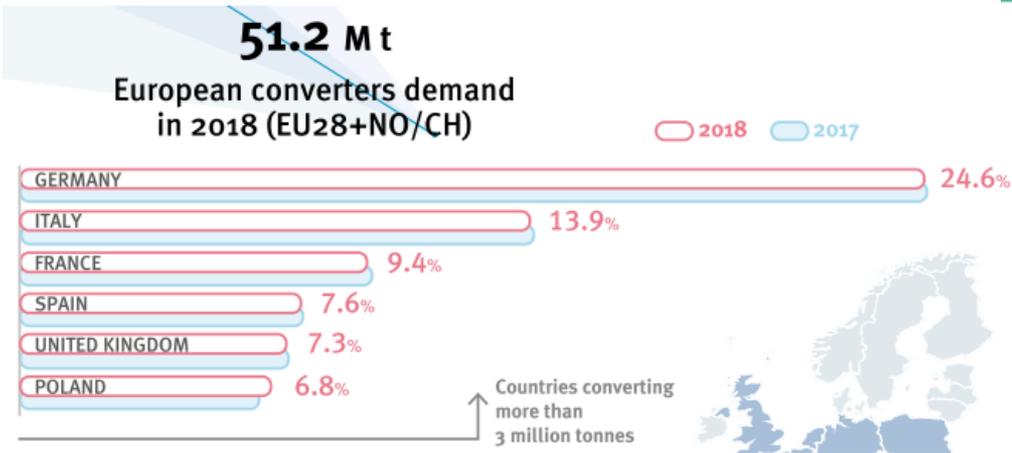
COMPANIES
Close to 60,000 companies
 An industry in which close to 60,000 companies operate, most of them being SME's

TURNOVER
More than 360 billion euros
 The European plastics industry had a turnover of more than 360 billion euros in 2018



Fonte Plastics: the facts, 2019: An analysis of European plastics production, demand and waste data

Il Progetto: premessa



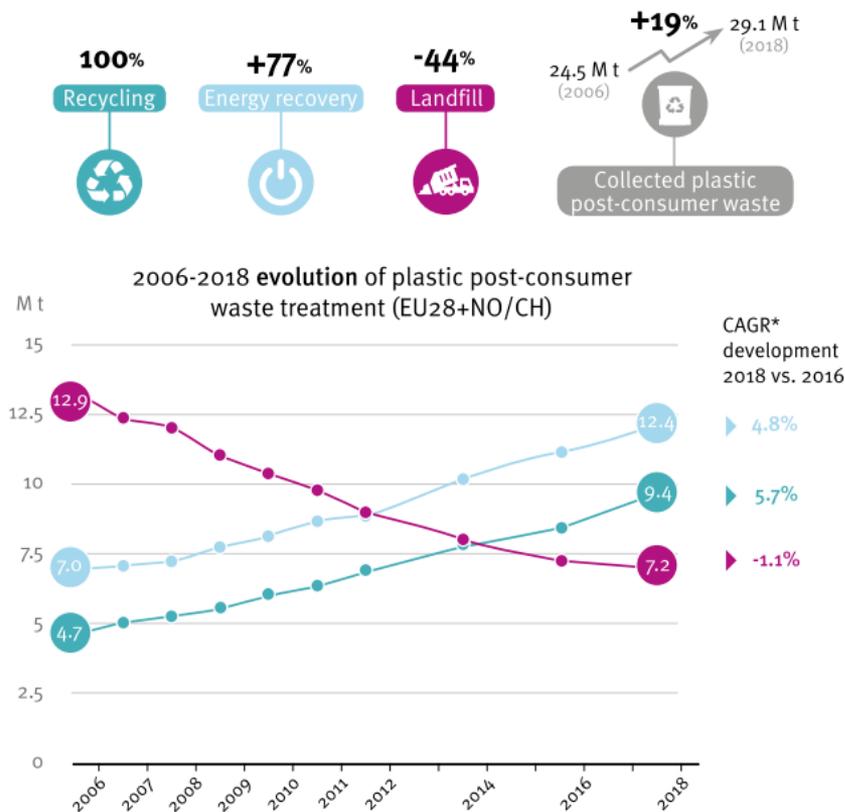
Il Progetto: premessa



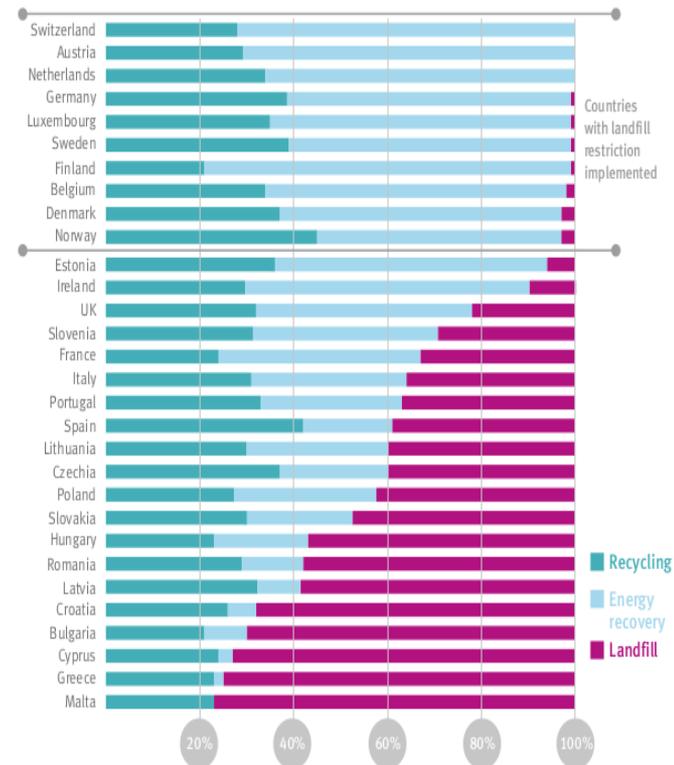
Since 2006, the amount of plastic waste sent to recycling has doubled

However, 25% of plastic post-consumer waste was still sent to landfill in 2018.

SOURCE: Conversio Market & Strategy GmbH



Plastic post-consumer waste rates of recycling, energy recovery and landfill per country in 2018



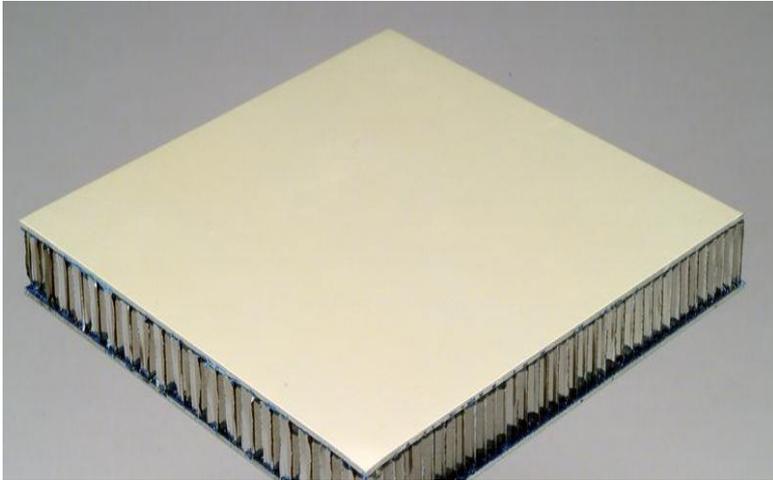
IMPreSA: scopi e motivazione



IMPreSA BETONPLAST



IMPreSA: scopi e motivazione



IMPreSA: il team



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CRICT UNIMORE CENTRO INTERDIPARTIMENTALE DI
RICERCA E PER I SERVIZI NEL SETTORE
DELLE COSTRUZIONI E DEL TERRITORIO

