

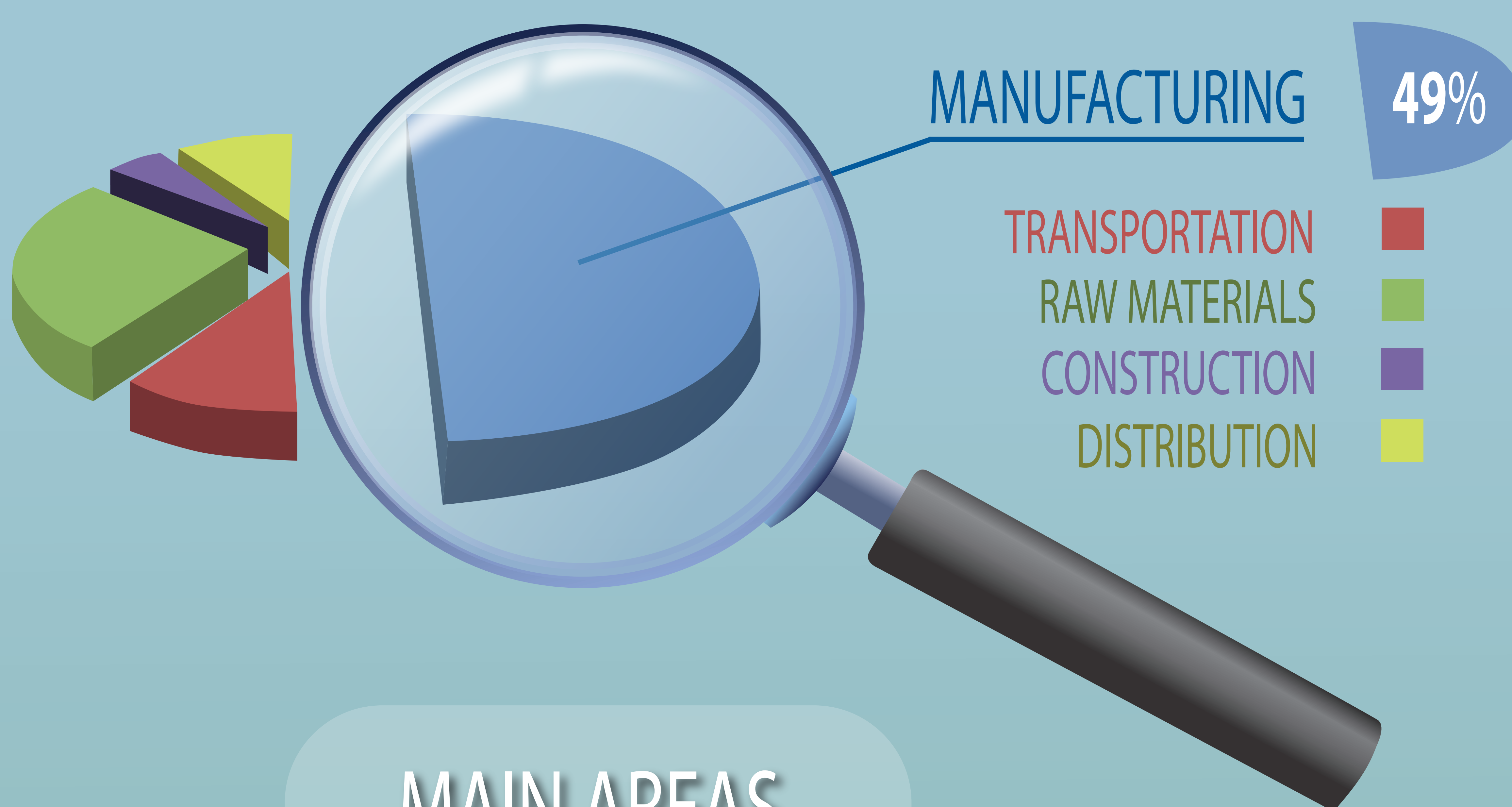


BIOMASS INCORPORATION IN ASPHALT MANUFACTURING TOWARDS LESS EMISSIONS OF CO₂

LIFE BATTLE CO₂

BASES ITS STRATEGY ON ABATEMENT OF CLIMATE CHANGE THROUGH THE INTEGRATION OF THE ASPHALT PAVING INDUSTRY INTO THE CIRCULAR ECONOMY, PROVIDING SUPPORT TO THE DEPLOYMENT OF GREEN PUBLIC PROCUREMENT

G H G E M I S S I O N S



MAIN AREAS OF THE SCOPE

ASPHALT MIX PRODUCTION

TRANSPORT OF RAW MATERIALS AND FUELS

o b j e c t i v e s

80% reduction in GHG emissions during the asphalt mixing process.

95% reduction of fossil fuels in the asphalt plants.

Process efficiency improvement, obtaining versatile installations and facilities, working with biomass as fuel, allowing new manufacturing approaches focussed on the current needs of the road sector.

Alternative processes design, as hot mix asphalt recycling, including biomass, improving carbon footprint in manufacturing, but also in the materials and transportation stages of the asphalt mix life cycle.

Development of Product Category Rules (PCR) and Environmental Product Declarations (EPD's) for asphalt mixes according to ISO 14025.

Implementation of the developments in a test track in collaboration with public authorities.