

Presentation for Automotive Industry

Presenting Solubag's strategic overview from production of raw materials and patented products positioning to Plastic Offsetting for a complete circular economy.

Solubag presents a full offer of co-operation in all aspects of our environmentally friendly solution to plastic and micro-plastic pollution.



The Environmentally Friendly Alternative To Everyday Plastics

Traditional plastics have been around for over 100 years, they are used widely throughout industry and the home and perform a huge variety of very useful tasks. Plastics are necessary for modern society to exist and flourish.

Recently it has been recognized that plastics that are discarded into the environment, either intentionally or by accident, form a very real danger to all living creatures on the planet. When traditional plastics from fossil fuels enter into our ecosystems they take a long time to decompose, typically tens to hundreds or even thousands of years, the real effect of plastic pollution will last for a very long time. Even as these plastics decompose, they form microplastics, very small particles of plastic, that are then ingested by a great many varieties of living organisms from animals to fish and even humans. These microplastics can adversely affect the cells and genes of living creatures.

With the realization that plastics are both a necessity and a problem, Solubag's modern technology and innovative patents provide all the benefits of using plastics whilst radically reducing the damaging effects of plastic degradation with an complete eco-circular process





Compostable Polymers

Taking Microplastics Out of the Environment

Solubag is radically different, using our products means that there is no detrimental impact on the environment or living creatures.

Our patented production materials take Green Gas from waste and turn it into products that replace traditional fossilfuel based plastics. No fossilfuel based raw materials are used in our products. These new Solubag polymers do not degrade into microplastics, but instead turn back into the harmless original gas, forming a complete circular economy and having net zero impact. Our compostable products mean that no special treatment is required either at recycling plants, waste disposal plants or in the wider environment. In addition, compostable products do not contaminate existing plastic waste collections and treatments.

- ✓ 100% biodegradable and compostable does not need any catalyst or enzymes
- ✓ Direct replacement for existing raw materials used by the plastics industry
- ✓ Does not contain and does not generate microplastic toxic waste
- ✓ Has all the benefits of government support for 100% biodegradable products
- ✓ Supports Waste Management on all three levels
 - REDUCE plastics waste management resources
 - REUSE all our woven and nonwoven products
 - RECYCLE carbon neutral net zero builtin



Business Strategy - Production and Usage of Raw Materials with Solubag Technology



Our patented production materials take Green Gas from waste and turn it into the three basic types of raw materials for all of our products.

- ✓ Pellets
- ✓ Film
- ✓ Woven Fabrics

Support waste gas capture and transformation of waste products into the raw materials types within European waste sites

Supply the raw materials to European manufacturers for white-labelling of final products solving the environmental negative impact of today's plastics.

License the production of Solubag brand products to manufacturers

R&D for new product development using Solubag's Technology

Certify manufacturers and products as meeting Solubag's environmental standards in line with ISO 14855 as per EU Compostable Standards:

- EN 13432:20006 - packaging
- EN 14995:20067 - non-packaging



Business Strategy - Plastic Offsetting, ESG and Sustainability

Similar to Carbon Credits, with plastic the focus is on reduction of plastic waste in the natural environment by reducing an organization's (or individual's) plastic footprint by compensating for their production and usage of fossil-fuel based plastics.

For companies to fully offset their plastic footprint, they must first accurately calculate the plastic used and offset by funding the removal and recovery of their footprint to become plastic-neutral.

The introduction of 'plastic credits', and various unique plastic neutral programs are all necessary tools to achieving corporate sustainable development goals.

Today's solutions are all focused on clean-up and collection, Solubag addresses the problem from the initial production stage as our solution is not fossil fuel based.

Some indicative calculations for carbon footprint is calculated as follows:

- ✓ One single use bag of plastic produces 1.58kg CO2e
- ✓ Solubag's equivalent bag produces 0.0633kg CO2e

(each business case can be verified and certified according to defined standards)



Solubag Vertical Applications - Innovation in Automotive Environmental Responsibility

Our car protection products are designed to ensure that they have a zero impact on the environment, using our patented raw materials to ensure that the products are not just biodegradeable but fully compostable, needing no activators to start the composting process.

Built in features and advantages include:

All products are fully compostable within 180 days, this process is fully tested and certified.

Using our products reduces corporates carbon footprint and mitigates CO2 emissions.

Manufacturing is done on existing production machines, the only change is to use Solubag film instead of traditional fossil-fuel based plastics.

Can be branded with company logos and identifiers according to customer needs.



Solubag Vertical Applications - Vehicle Protection during the Production Process



Body Protection



Interior Strips



Panel Protection



Alloy Wheel Covers



Solubag Vertical Applications - Vehicle Protection from Production to Delivery



Protective vehicle coverings provide care of expensive assets from finished production through to customer delivery.

Protection does not stop there, the coverings are fully compostable meaning that they will fully degrade in the environment with net zero impact.



Be plastic aware - our products are for organizations and people who are socially responsible and want to make a major difference to the environment.

Use your plastic offsets and be carbon neutral.





Solubag Vertical Applications - Vehicle Servicing and Bodyshop Repair Protection



Seat Covers



Respray Masking



Full Body
Covering



Interior
Elements
Covers



EUROPEAN CAR MARKET

Quick Facts on EU Passenger Car Sector

Revenue in the Passenger Cars market is projected to reach US\$419.20bn in 2023.

Revenue is expected to show an annual growth rate (CAGR 2023-2027) of 2.19%, resulting in a projected market volume of US\$457.20bn by 2027.

The market's largest segment is SUVs with a projected market volume of US\$174.40bn in 2023.

Passenger Cars market unit sales are expected to reach 15.64m vehicles in 2027.

The volume weighted average price of Passenger Cars market is expected to amount to US\$29.01k in 2023.

With a vehicle unit sales share of 41.7% in 2023, Other is expected to have one of the highest market share in the selected region.

The value market share of the make Other in the selected region is expected to stand at 41.0% in 2023.

From an international perspective it is shown that the most revenue will be generated in the United States (US\$553.70bn in 2023).

- ❖ <https://www.statista.com/outlook/mmo/passenger-cars/europe>



Private Labelling

Considerations

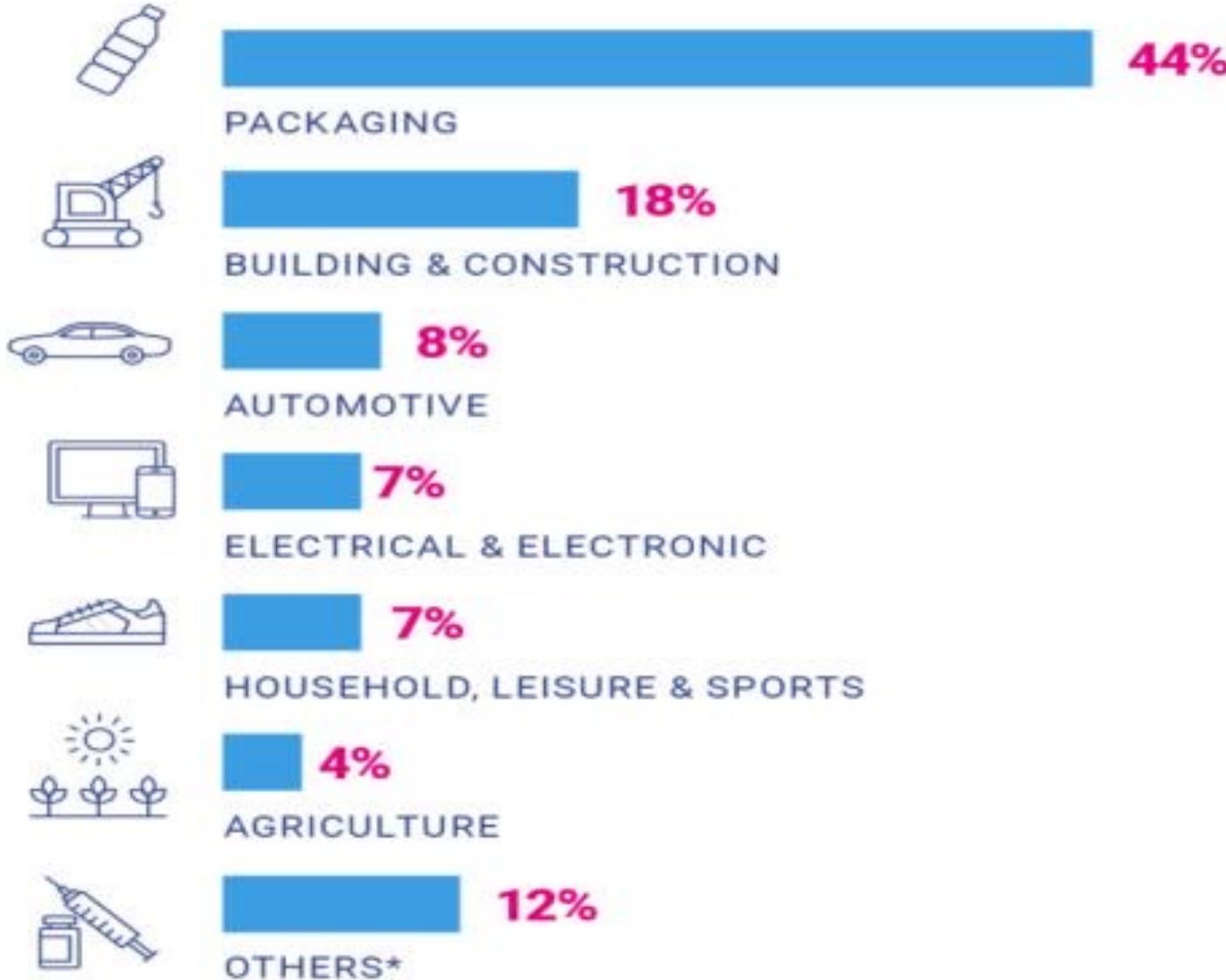
Specific designs to be supplied by the customer, approval of final design and specifications will be approved by the customer before production

- ✓ client is responsible for all the legal characteristics for import
- ✓ Client is responsible for legal regulations that the country requires
- Solubags.r.o. will deliver and send to the client all the necessary information to be able to carryout this procedure as the client requires.
 - ✓ Client must provide the EAN 13 code to be incorporated in the approved “box design”
 - ✓ Additionally the DUN 14 to incorporate in the wholesale box design



PLASTIC CATEGORIES

The Possibilities are Endless



USE OF PLASTIC

Major users of plastic in the 27 EU member states plus Norway, Switzerland and the United Kingdom per sector in 2021.

*Others include appliances, mechanical engineering, furniture, medical, etc.



Executive Summary

Solubag presents a our proposition of possible co-operation schemes (business cases) in any or all aspects of our environmentally friendly solutions to the problem of fossil-fuel based plastics.

Germany, as the largest plastic producer in the EU with a population willing to spend more to support eco-friendly products, is our target market and where Solubag would like to move its' EU Headquarters.

Strategic Partner is needed to help Solubag achieve our business goals:

- Strategic Partner with investment capabilities
- Penetrate EU from Germany as other countries will follow suit
- Distribution of finished products
- Distribution of 'Raw Material" to plastic producers
- Engage with Offsetting Consultancy Companies
(this is a new business line of "Plastic Credits" for Offsetting)
- Plastic Companies using our raw material are offsetting clients
- R & D for new products work-in process



THANK YOU!

Ivar Reiz
CEO

i.reiz@solubag.eu

+420 724 724 461

Prague, Czech Republic

Gustavo Guillen
Strategy & Sustainability Partner
Gustavo.Guillen@solubag.eu
+420 603 824 611
Prague, Czech Republic