

Turn compliance challenges  
into a competitive advantage:

# How to implement sustainable raw materials into your comfort products

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## Manufacturers facing the challenges of CSRD

**With the Corporate Sustainability Reporting Directive (CSRD), a wide range of companies are obligated to report on sustainability initiatives. Specifically companies with more than 250 employees, turnover exceeding €50 million per year, and a balance sheet total of more than €25 million.**

Therefore, it is important for manufacturers to choose sustainable raw materials for their products – and not least to be able to document and verify a more sustainable choice.

But how can you choose a raw material with reduced carbon footprint and maintain the same high comfort properties of applications made of polyurethane? And when you find the solution for this – how do you secure valid data for your sustainability reporting?

Since 2021, it has been our mission to solve this challenge for our customers. We want to be able to offer our customers raw materials with a reduced product carbon footprint compared to conventional polyurethane – and enable them to make a significant, positive impact in their scope 3 emissions.

Do you want inspiration on how to start improving your sustainability journey?

**Let's dive into it.**



## How can you reduce your carbon footprint in scope 3?

A common challenge for companies that manufacture comfort products made of polyurethane is finding an alternative to fossil-based materials. This entails limited resources and high carbon footprint, not being able to reach the sustainability targets.

Recognise this challenge? We might have the right solution for you!

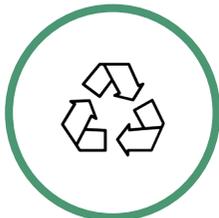
Let's dive into some of the alternative raw materials with reduced carbon footprint compared to traditional polyurethane – alternatives that are available right now.

There are various of comfort products, including mattresses, pillows, seats and cushions – and the list of comfort layers goes on.

We offer you two different approaches for more sustainable raw materials for your solutions:



**BIOMASS-BASED  
FOAM**



**RECYCLED  
FOAM**

### **Setex® Post-consumer**

- › A bonded foam made of end-of-life mattresses. The discarded mattresses are collected, disinfected, granulated and glued into a bonded foam.

### **Setex® Post-Industrial**

- › A bonded foam made of excess foam from industrial production of various foam components. The bonded foam can be certified OEKO-TEX® STANDARD 100.

### **PureBio100**

- › A comfort foam made with the biomass balance approach.

### **PurSoft® Biomass Balance**

- › A moulded soft foam made with the biomass balance approach.

### **PurFlex® Biomass Balance**

- › A moulded flexible foam made with the biomass balance approach.



## What is biomass balance?

The biomass balance approach is a way to save fossil resources and reduce carbon footprint: it can replace fossil resources with renewable resources like bio-naphtha or biomethane.

### Why choose biomass balance?



By choosing a product based on this approach, you can reduce the carbon footprint of the PU material by up to 80% compared to a product with conventional PU.

## Get a bespoke solution

At BPI, we offer you 100% bespoke solutions. To inspire you on how it is possible to implement sustainable alternatives to polyurethane in your product range, we have made some examples:

Let's start with examples for mattresses and the possible combinations of the raw materials mentioned:

**1** Setex® Post-Consumer frame and PureBio100 top



**2** PureBio100 mattress



**3** Setex® Post-Consumer bottom and PureBio100 top



Examples for pillows and seats and the possible combinations of the materials:

1. PurSoft® Biomass Balance moulded pillow
2. Setex® Post-Industrial granulated pillow

Examples for comfort layers in lounge chairs and sofas and the possible combinations of the materials:

1. PurFlex® Biomass Balance moulded chairs and sofas
2. PureBio100 or Setex® Post-Consumer cut foam

## GET FEEDBACK

There are endless possibilities in making customised comfort solutions with alternative materials to polyurethane.

Do you want competent feedback on your specific product?

Contact our specialist



## Know your CO2-eq baseline and potential carbon footprint savings

The CSRD presents several challenges for companies striving to meet the sustainability requirements, such as data collection and verification – and limited expertise to do this.

When you choose a solution with Setex® Post-Consumer, PureBio100, PurSoft® Biomass Balance or PurFlex® Biomass Balance, you get a product carbon footprint calculation on your quote. The data is collected and verified by our specialists.

### Your advantages:

- › Track your carbon footprint
- › Identify hotspots in your product's life cycle
- › Reveal the highest and lowest emitting products
- › Comply with sustainability reporting standards

The wake of the CSRD presents challenges, but it also enables companies to enhance transparency, engage stakeholders, and make it an integrated part of the strategy. Especially transparency is crucial, and with the product carbon footprint tool, we can help you understand the carbon footprint of your current solution.

And we can show you, where you can take your product if you switch to biomass-based or recycled raw materials.

**Do you want to know your product's carbon footprint baseline and potential carbon footprint savings?**



**Contact our specialist**



Increase agility and decrease risk:

## Outsource your production complexity and experience the advantages

Do you also struggle to find a trusted business partner to produce your sustainable solution? You can outsource parts or all of your production to BPI.

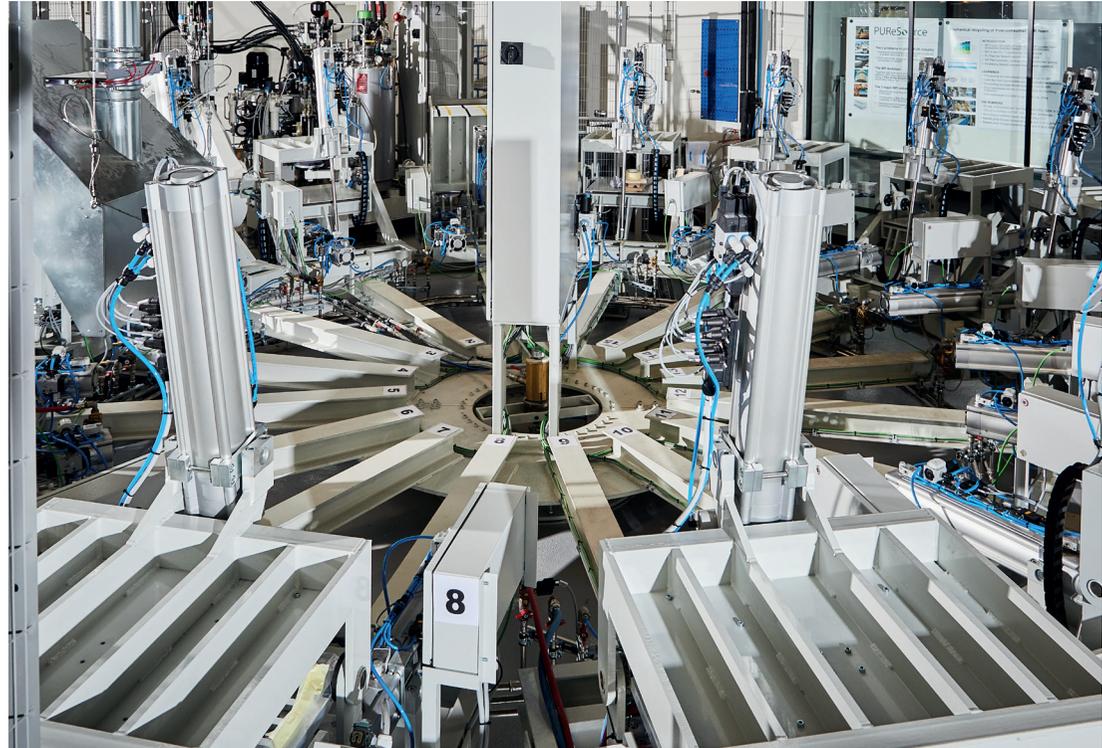
Maybe you want to focus on your high runners and outsource your low runners to BPI? BPI is a trustworthy partner to insource production units, creating a cell production in our factory – a cell that only centres around your product. We can handle your private label production and deliver fully finished products to your customers – and you can switch from fixed to variable costs.

Whether it is large objects for line production or serial production for small objects, we will make sure to offer you the most cost-efficient production setup. An example is our automated carousel moulding where you prioritise price and efficiency.

**Contact us:**

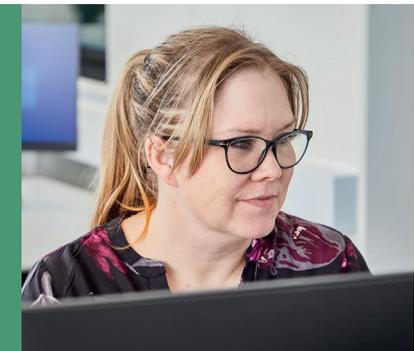
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**Do you want to increase agility and decrease risk?**

**Book a meeting with our specialist**



## About BPI

Since 1971, Bramming Plast-Industri A/S has been a leading pioneer in developing advanced, technology-based solutions from polyurethane.

We are an industrial partner that specialises in establishing professional and value-adding partnerships with our customers, and we produce high-performance solutions. We support and build scalable production processes to ensure stability and enable our customers to grow with a reliable, certified supplier.

Our core expertise is our strong knowledge and ability to deliver industrial solutions, processes and logistical services by the agreed time and of the appropriate quality.



### Mission

BPI aspires to be a value-adding industrial partner – specialising in customer specific solutions in polyurethane.



### Vision

Our vision is to create fully sustainable customer solutions supported by industrial and scalable processes – with a focus on long-term business partnerships.

