



# Social and environmental responsibility

The path to a green planet is in our hands.

As the world becomes increasingly aware of the importance of sustainability, many companies are beginning to opt for environmentally friendly production.

At KO-SI group, we are committed to delivering products that are made with care, and with an emphasis on reusing materials whenever possible. We use natural and reusable materials to produce our products, and we promote pure natural and recyclable products as a solution to combat this cultural phenomenon of the throw-away society.

Our production cycle is based on ecological and sustainable values, and we opt for locally sourced materials whenever possible. In the end, we are making high-quality products with a low carbon footprint.

We believe in taking care of nature by maintaining nature's diversity, taking no more than a minimal impact on the environment. Living in an environmentally friendly way has many benefits, not only on nature but also stress reduction and improves our health.



# From fibre to upholstered furniture.

The KO-SI group is a group of three companies, each leading in their area of expertise, and coordinated under the same roof.

With more than 50 years of experience, numerous certificates, and close cooperation with industrial companies from around the world, the KO-SI group has become synonymous for top quality across the globe.

We have a production area of 80.000 m<sup>2</sup> and more than 250 professionals who are constantly developing environmentally friendly solutions that meet the highest quality standards.

With our strong focus on product development and innovation, we deliver innovative solutions to our customer's needs while constantly improving production processes to use resources efficiently.

Our different departments cover the entire process of a product from start to finish. We design, develop and produce our products with obvious respect for nature and comfort.









## Production of pads, cores and finished mattresses made of natural fibre.

At KO-SI, we are one of the leading manufacturers and suppliers of natural fibre technological products on the European market. We produce 7.000 tons of natural fibers per year.

We are aware that ecology and well-being are very important, and that's why we produce our products with great care in accordance with the criteria for sustainable development.

Rich, textured, and earthy. Products made from natural fibers are a haven for everything organic, and we ensure our materials are sourced ethically and sustainably.

Our company is committed to using animal and plant fibers as its primary filling material.

Our products meet high-quality standards and are eco-friendly, biodegradable, and recyclable.

Natural fibers have many advantages: they are antistatic, breathable, highly hygroscopic, and anti-allergic.

# Fillings

We provide filling pads of different natural fibers, which are perfect for bedding and upholstered furniture.



coir



sisal



hemp



lycell



sea grass



alpine sheep wool



horse hair



cashmere



camel hair

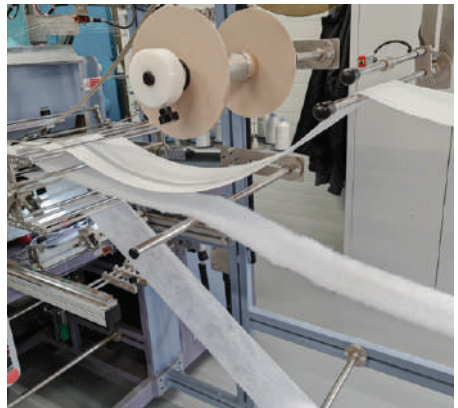
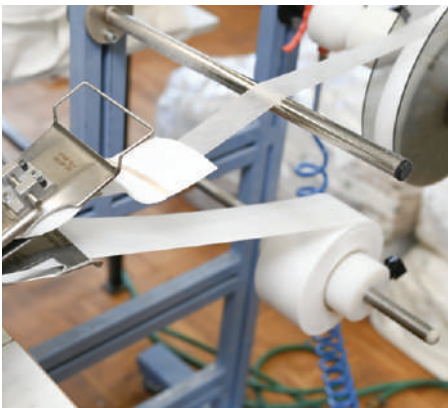
# Nonwoven Industry

We comb natural plant fibre or animal hair first, form it into an infinite layer, and knit it using the non-woven technique. The surface can be strengthened by natural latex.



## Our technology:

- CNC cutter machine
- chain stitch multi-needle machine
- double head single-needled quilting machine Mammut
- CNC border production
- CNC handles production
- many single overlock and sewing machines (Durkopp Adler, Pegasus)



# Natural confections

Mattresses, covers, pillows, and duvets

Natural plant fibers and animal hair are ideal as filling components in mattresses, covers, pillows, and duvets because they are pleasant, breathable, and have no negative impact on the environment.





## Horticulture program

The horticultural program includes products intended to protect and promote the growth of vegetables, fruit trees, ornamental plants, potted plants, plants on plantations and in greenhouses, and to protect slopes from erosion.

We offer:

- coir discs – soil protectors for ornamental plants, shrubs, and fruit trees
- garden soil protectors
- trunk bandages
- erosion control
- hydroponic coir mats
- green walls





## Packaging program for food and non food items

Natural packaging made of hemp, coir, or sheep's wool preserve the freshness of vegetables, crops, and fruits during transport and storage. Packaging elements of natural fibers protect contents from shocks, vibrations, moisture, and temperature fluctuations. They are electrostatically neutral, airy, odorless, and biodegradable.





## Thermal insulation and soundproofing

Coir is a verified thermal insulation and soundproofing material used to insulate roofs, floors, walls, facades, lining for laminates, and all contact surfaces from noise. Due to its high bulk density, coir insulation has a good heat storage capacity and low thermal conductivity, preventing heat loss.



# Filtration and drainage

Due to their composition and properties, natural fibers are an excellent raw material for air filters of production halls and other plants, where there is a need for frequent filter changes. Natural fiber air filters are biodegradable, which means that when they serve, you can discard them without harmful consequences for the environment.



# Pet program

We believe all pets deserve access to a balanced and clean living environment; that's why we produce hemp and coir hygienic pads for cages, terrariums, nests, and transport boxes. They are anti-allergenic and provide good moisture absorption, odor binding, and neutralization.

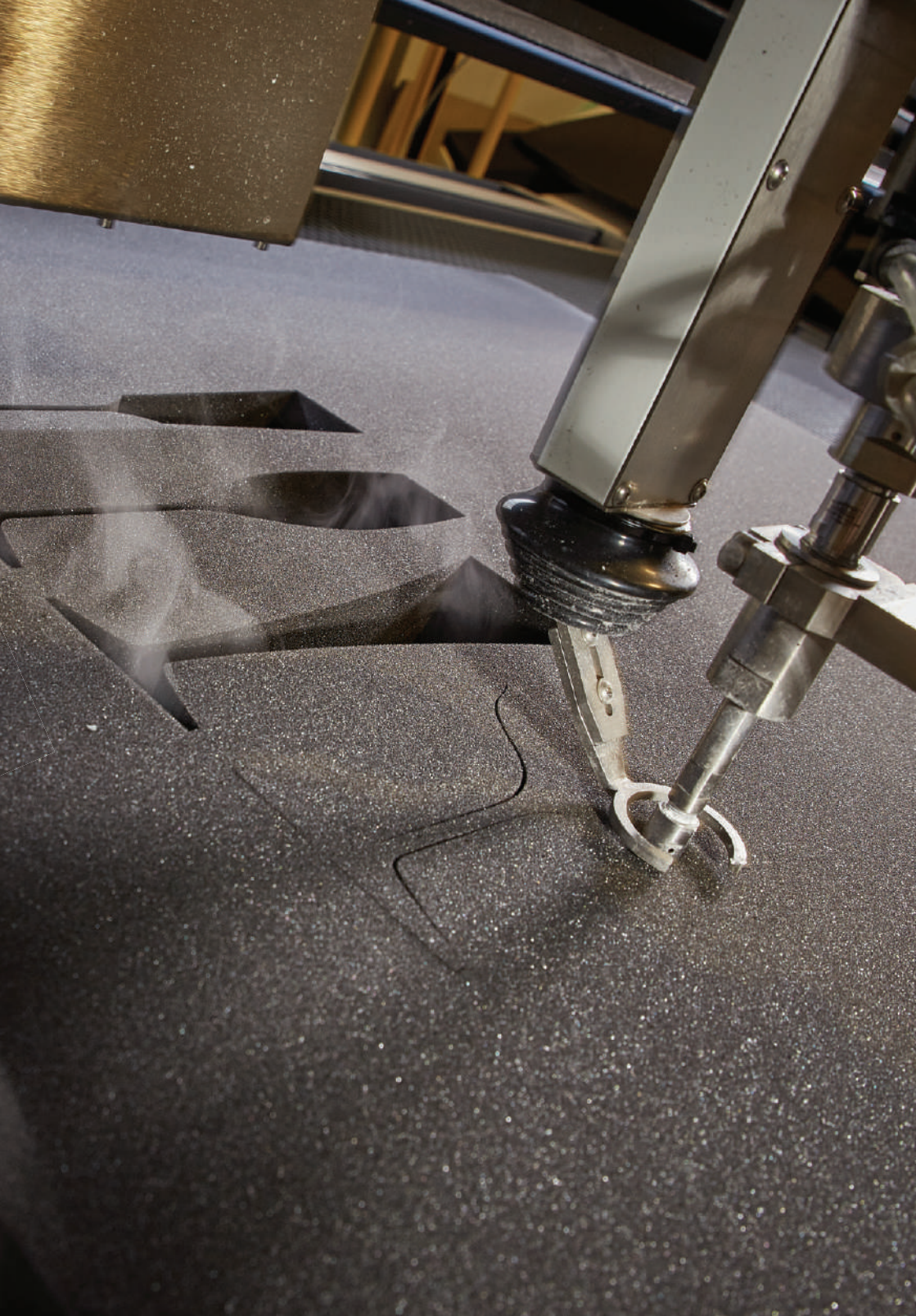


# Insoles

Insoles made of natural fibers are an excellent sustainable and ecological alternative to synthetic insoles. The non-woven textile base made of coir or sisal fibers can be coated with a layer of sheep wool or lyocell for additional softness and thermal insulation, using no synthetic binders and adhesives but only 100% natural latex.

Light, airy and breathable.





# PURO TEHNIKA

## From foam blocks to complete mattresses.

Puro tehnika is specialized in converting foam into various finished products. We have been present on the market for many years as one of the leading foam processors in the region.

We design foam products of all shapes and sizes from different types of foam. They differ in density and compressive hardness, influencing the comfort and the user's feeling.

Years of experience and state-of-the-art technology allow us to produce high-quality products with various treatments and cuts.

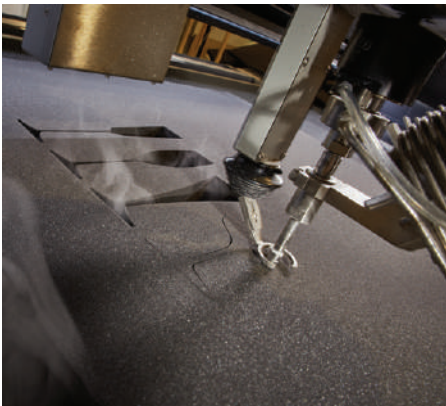
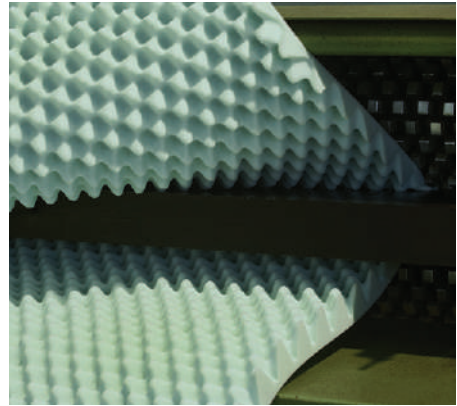
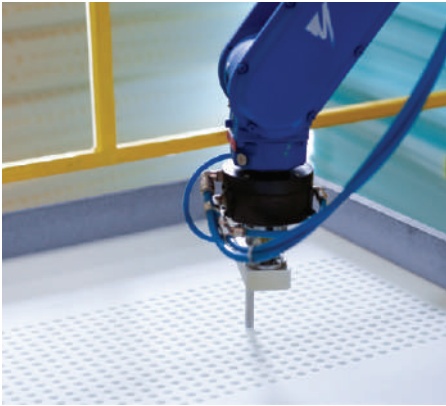
Our products are used in different kinds of industries: furniture industry, caravanning and automotive industry, mattress and pillow production, packaging production, acoustic industry, and sports and play program production.

Some of our primary materials are PU foam, memory foam, HR (high resistance) foam, and rebound foam (recycled foam in different densities and thicknesses).

With the help of modern technology, we produce quality products tailored to the customer's measurements and wishes.


# Our technology

- horizontal and vertical contour cutting
- waterjet for cutting solutions
- perforation
- bonding
- lamination
- white upholstery
- polyurethane moulding
- mattress rolling



# Our materials



rebound foam 



memory foam



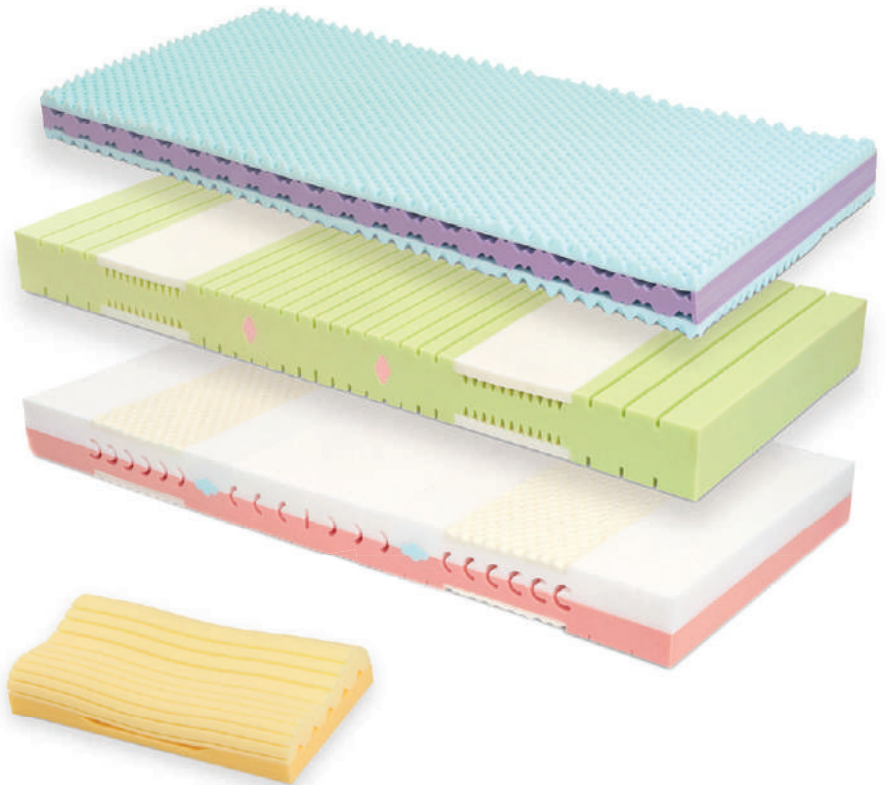
HR foam

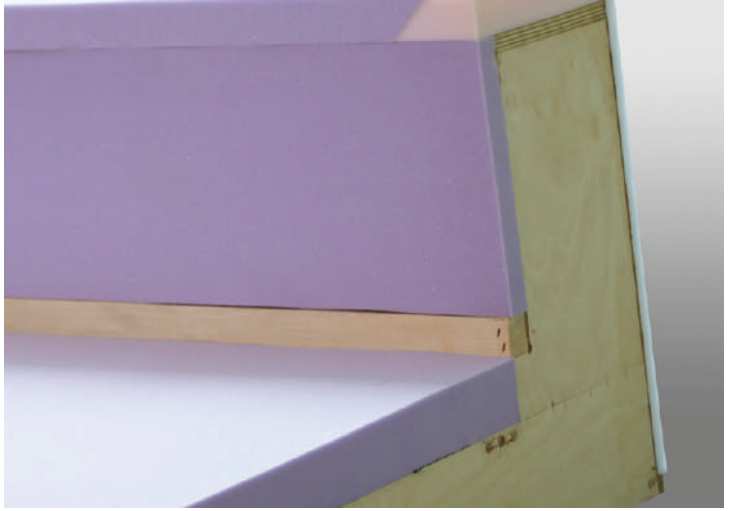


standard foam (PU)

# Mattress and pillow production

The open cell structure, elasticity, and softness of polyurethane foams provide excellent material for making bed cores and pillows. We also assemble the cores with pocket or Bonnell springs or from a combination of foams of different hardnesses and make fillings for pillows and blankets from any foam in the form of flakes.



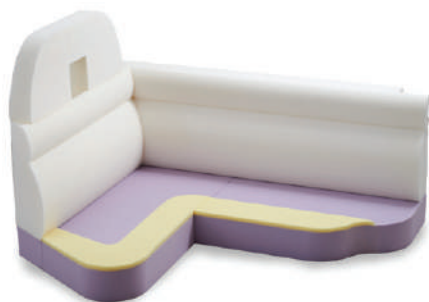


## Furniture industry

Affordability, soft structure, durability, and a wide choice of different hardnesses are the properties that have made foam the predominant material for upholstery. The final shape is covered in a white coating for easier upholstery, making it easier to handle and dress the foam.

## Equipment for camping trailers and yachts

Special care is required when choosing materials and making fillers for upholstering the equipment of vessels, motorhomes, and caravans, as the fillers must be particularly durable and resistant to external influences.

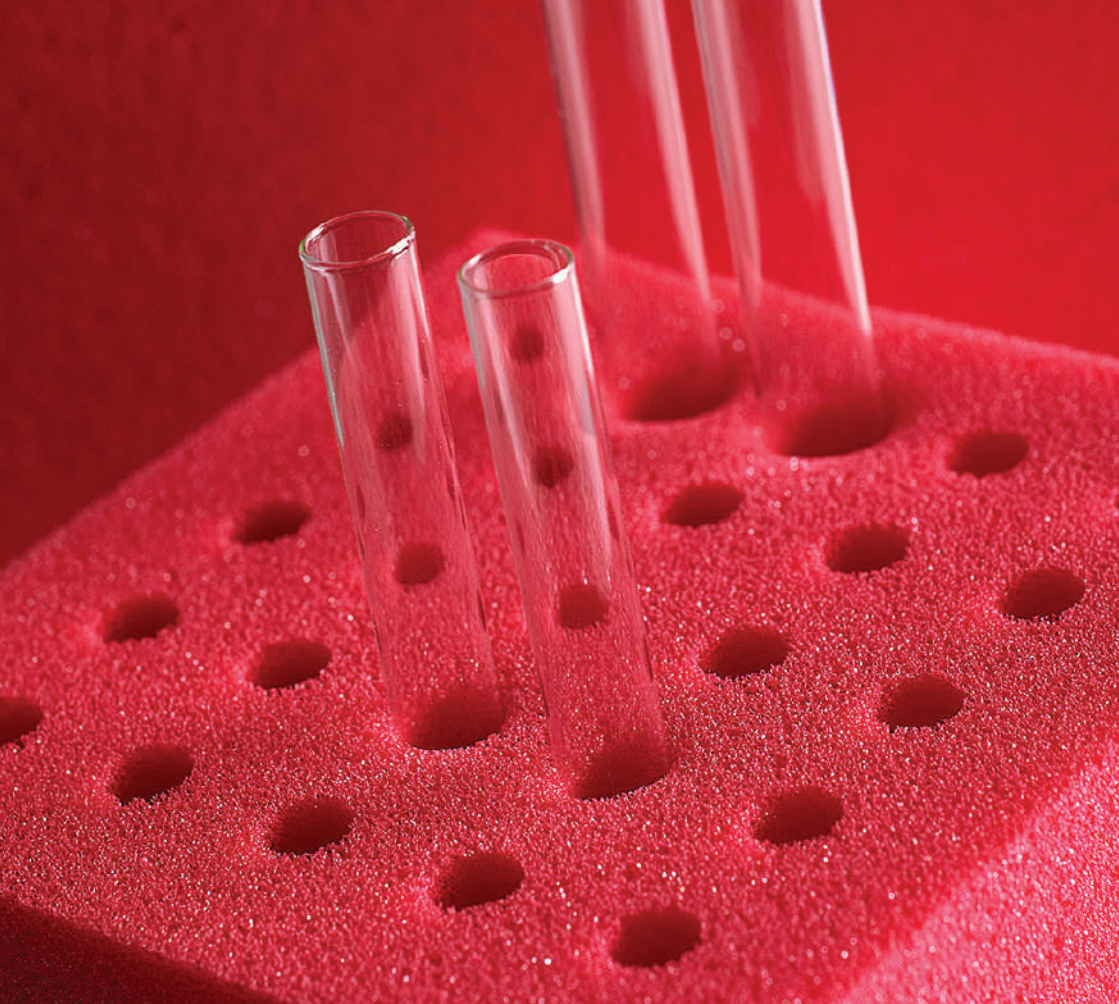




## Automotive industry

In the automotive industry, foams are used for various elements, such as inserts for seat upholstery, roof and door trims, car seat support elements, vibration-dampers, and seals and insulation linings.





## Packaging industry

We produce packaging for all products that need effective and reliable protection against mechanical damage and other external influences. We provide you with filling materials to protect all kinds of products.

# Acoustic industry

Our products are a great way to absorb any unwanted noise. PU foam is a sound-absorbing material used to soundproof the walls.



## Play and sports fields

Foam is an excellent solution for creating soft surfaces that are safe, fun, and functional; that's why they are perfect for sports and play fields. The foam can also be used as a filler for different kinds of toys.







## We spend one-third of our lives sleeping, so let's make the best of it.

At KO-SC, we offer the best quality padded and upholstered furniture in various designs and styles and natural wooden mattress supports.

Our products are made of only the finest materials to ensure that every customer has nothing but the most comfortable experience possible.

Our mission is to create innovative designs along with durable pieces that will last for generations of use.

KO-SC's manufacturing expertise convinces and enables users of their products to be a part of their secrets of comfort.

# Our technology

- single-needled and twin-needled quilting machines
- CNC tailoring machine KURIS TEXCUT C3030
- industrial sewing machines
- classic woodworking machines
- 5 axis milling machines for joinery
- CNC cutter machine
- upholstery
- pleating and buttoning
- industrial glue guns



## Natural beds made of massive alpine wood

Our beds are made exclusively of natural, air-dried wood, upholstered with biomaterials. Together with our selection of natural KO-SI mattresses, the users will get a prestigious sleeping experience as they drift off into deep sleep. We also provide upholstered headboards separately.



Natural bed Gaja  
Upholstered bed  
made from massive  
wood.



Natural bed Eliza  
Wooden bed with  
upholstered details.

## Sofa beds

Our sofa beds don't just function great and provide a comfortable place to sit and sleep, but they also enhance your living space through their great design.

### Slip

An elegant solution when you need an extra bed for guests. It has an additional storage drawer.



### Sophie

Functional and sophisticated. Extends into a high-quality bed.



# Recliners

## Jonah

Very comfortable and functional recliner with the possibility of mechanical adjustment of the back-and footrest.



## Nemo

This armchair can be turned into an extra guest bed in just a few moments. Ideal for small spaces.



## Natural wooden mattress supports

Natural, breathable, and high-quality. The slats of our mattress supports are made of solid beech wood. Therefore, they are highly stable, durable, and resistant.







**KO-SI**  
GROUP

## From fibre to upholstered furniture.

It's 1955, and the winds of change have begun to blow.

American cytogeneticist Joe Hin Tjio discovers the correct number of human chromosomes, forty-six. The First Guinness Book of World Records is published. Winston Churchill resigned as Prime Minister of the United Kingdom due to ill health at the age of 80. And here in Slovenia, the TUS factory began trial production of rubberized horsetail hair and became the only producer of such products in the former Yugoslavia.

Over the next few years, the company produces rubber boards and felt from horsehair, coir, and straw to manufacture mattresses and other upholstered products. The name KO-SI was first mentioned in 1970. The name KO-SI comes from two mainly used natural resources – coconut (kokos) and sisal.

Fast forward more than 65 years, we are one of the leading manufacturers and suppliers of natural fibre products on the European market, with a team of experienced specialists working to bring the highest quality designs to life. There's so much care and attention put into every detail, guaranteeing a quality product every time. At KO-SI group, we believe that home is not just a place to live but a source of inspiration and comfort.

And your comfort is important to us.



30 + countries



250 + certified professionals



80.000 m<sup>2</sup> of production surface



certified quality



ecological materials



more than 50 years of experience



200 km to port Koper



"The Earth is what we all have in common."

- Wendell Berry