

**SUSTAINABILITY REPORT  
ENVIRONMENTAL STATEMENT 2015**



**TEAM 7**

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IT'S A TREE STORY.



Grown for you.

Our love of wood means that we craft this diverse material with the utmost care. Our master carpenters use traditional Austrian craftsmanship to produce furniture in unique designs and with unique functionality for all areas of the home. The wood that we use to produce our furniture lives and breathes. The surfaces are treated using pure natural oil and nothing else, thus promoting a natural, healthy ambience in your home. TEAM 7 furniture is also extremely easy to maintain and touch up, and it retains its natural beauty over many decades.

Designed for you.



Your comfort is what drives us to give our furniture added flexibility. Standard solutions are not good enough for us; we work on visionary, sophisticated solutions to make your home even more comfortable. A large number of in-house developments by our engineers set new standards when it comes to your home environment, and this exceptional innovative prowess is confirmed by more than 20 patents and utility models.



Made for you.

Our furniture is custom-designed by qualified interior designers to meet your specifications and produced by us with your exact preferences in mind. As well as having the choice of a wide range of products for all living areas, you can also customise your TEAM 7 furniture by selecting from different heights, widths, depths, types of wood and even glass in your choice of colour.

Protection of the environment calls for responsible action

We at TEAM 7 are particularly proud of the environmental statement presented here. It is far more than simply a statement of past action: it is an acknowledgement of the values that characterise and guide TEAM 7. We have consistently pursued our "green path" since the early 1980s. Ecological, social and economic responsibility on all levels are a matter of course for TEAM 7. It is a matter of importance to us to produce our furniture in harmony with man and nature. From the tree to the finished furniture item, the entire value-adding chain is controlled by TEAM 7 to ensure sustainable manufacture and the economical use of resources. The well-being of our employees is equally important to us: strict regulations apply with regard to working conditions, safety and health. As a pioneer and market leader for natural living, we only use European wood species from sustainable forest management, wood that is exclusively finished with natural oil and crafted by hand without being transported over long distances. We do not produce short-lived furniture to be discarded. Our products are manufactured with a high functional and aesthetic life expectancy. Only durable items which provide pleasure throughout an entire lifetime are truly sustainable. The TEAM 7 brand promises quality. The design and construction of our furniture are carefully thought through from the very beginning. High-grade material, award-winning design, innovative technology and perfect craftsmanship give our furniture genuine value. Numerous international awards have confirmed the outstanding quality of our designs. Technical innovations, such as **2soft**, the cushioned pull-out technology used in our tables, or the height-adjustable **k7** cooking island, have given us

an exclusive position in the market. They give our furniture unrivalled convenience—another advantage ensuring that our furniture gives enduring pleasure. Months before our furniture is launched on the market, its quality is tested by our company's own test laboratory. We have received the Austrian ecology mark for many years for this ecological and sustainable production process. Despite these visible achievements, however, we do not stand still and rest on our laurels, but continuously strive to become even better. This environmental statement documents our efforts to consistently guide all activities by TEAM 7 in accordance with the principles of sustainable management and to manufacture naturally aesthetic products.

We can only escape from our consumer society by consistently striving to keep our production in harmony with nature. Only a consciously sustainable lifestyle can ensure that future generations have everything they need to live: raw materials, food, fresh air and clean water.

*Georg Emprechtinger*  
 Dr. Georg Emprechtinger  
 CEO and Managing Director



This sustainability report meets with the requirements for environmental statements stipulated according to EMAS III VO1221:2009 and applies for the TEAM 7 plants in Ried and Pram.



Pioneer for “eco-design furniture“ founded in 1959

In **1959**, Erwin Berghammer set up a joinery in the Upper Austrian town of Ried im Innkreis that very soon met the highest design standards. The brand name TEAM 7 was registered not long afterwards.

TEAM 7 became an ecological pioneer, switching its entire production to organic furniture in **1980**.

In **1999**, Dr. Georg Emprechtinger took over the company’s management. Under his leadership TEAM 7 combines ecology with design, and has won numerous international design awards. Georg Emprechtinger became sole proprietor of the company in 2006.



IMS policy  
Quality - Environment - Energy - Occupational Safety & Health Protection

**TEAM 7** undertakes to meet the quality requirements for defined processes and to work towards improving these at all times. This commitment includes an undertaking to avoid or to continuously reduce strains on the environment caused by organisation and products.

**TEAM 7** undertakes to reduce energy consumption over the long term and to increase energy efficiency through a continuous improvement process.

**TEAM 7** assumes responsibility for maintaining and expanding attractive work places. Occupational safety, health and the well-being of the employees is a crucial target in the success of our community.

**TEAM 7** ensures that internal processes are in place aimed at compliance with all of the legal regulations applicable to the company, and ensures that all the information and resources are available that are required in order to meet the objectives.

**TEAM 7** uses internal and external supervisory bodies in order to ensure that the certified standards are subject to ongoing reviews and updates.

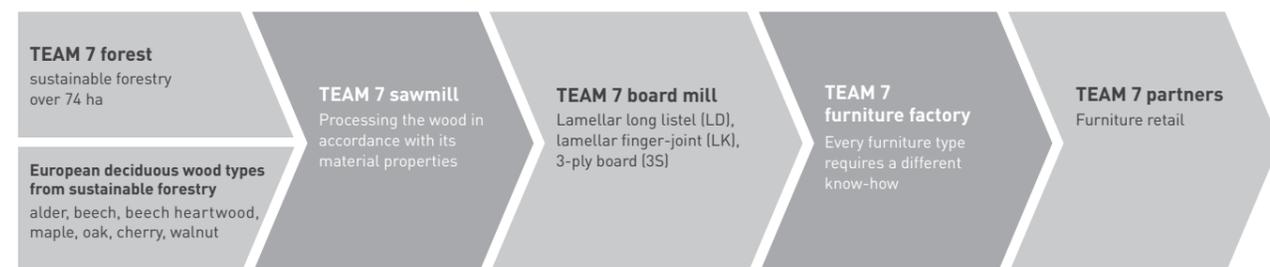
**TEAM 7**’s goal is to develop innovative products for the future with due regard to ecological, economic and social aspects in order to assure the company’s success.

**TEAM 7** works with regional purchasing structures and buys energy-efficient products and services.

**TEAM 7** respects nature and is committed to ensuring its sustainable conservation.

**TEAM 7** pays attention to sustainable forest management and avoids wasting resources by using the best technology available, thus increasing their yield. Pollution is reduced at the same time and only natural raw materials are used wherever possible.

Everything from a single source\_the TEAM 7 value-adding chain



Sustainability

Anyone who works with wood is familiar with the concept of sustainability. In the narrow sense it relates to the forest itself. So that the forest can sustain itself, it is important to ensure that no more wood is felled than can regrow naturally.

In terms of economic activity in general, this means that anyone who acts in a sustainable manner will also ensure that the fundamentals for our existence are also preserved for future generations.

Firstly, there are the products: all furniture from TEAM 7 is manufactured in such a way that it can be returned to the natural cycle at any time. Yet sustainability does not stop there: our entire production, our efforts as employer and our activities in and for the region are characterised by sustainability. This has even been confirmed officially: we have been awarded the Austrian Ecolabel, ISO 14001 and ISO 9001 for our ecologically faultless, sustainable and fair production. Sustainable management encompasses three areas: ecology, economy and society.

First class craftsmanship

Enduringly good

We make responsible use of our resources during manufacture and therefore produce our furniture strictly to order. This way we avoid wasting valuable material. We produce our furniture and boards locally in order to avoid long transportation routes and to reduce our CO<sub>2</sub> emissions. Producing goods at our own factory allows us to control the entire manufacturing process. All our furniture is produced by hand by local craftsmen. Two-thirds of the entire staff at TEAM 7 are carpenters who are masters in traditional handicraft techniques. All the furniture is manufactured to such a superb standard that it is highly durable.

The environment

Preserving the environment for future generations

Sustainable products are made from natural materials, are of the highest quality and are long-lived. We only use premium types of deciduous hardwood for our natural wooden furniture. TEAM 7 attaches great importance to the wood’s origin and only works with suppliers who guarantee sustainable forestry. This is why we decided to incorporate a forest with a total surface area of 74 ha into our company in the direct vicinity of our production sites and to cultivate it on a sustainable basis. The fact that the wood used to produce our premium TEAM 7 furniture is free from pesticides and harmful substances is very important to us. It goes without saying that TEAM 7 does not use any tropical wood and is mindful of regional proximity when selecting suppliers. The wood used in our furniture is only finished with pure natural oil. This oil is exclusively made up of natural ingredients such as linseed oil, sunflower oil, soya oil, beeswax and carnauba wax. With no varnish, staining or other chemical components, the wood remains free of toxins and retains its outstanding features: it absorbs moisture and releases it again slowly, thereby ensuring a pleasant and healthy indoor climate.

Classics of tomorrow produced today

Sustainability starts with the design

Perfect design which keeps its promise and meets the highest moral and ecological standards is another important aspect in real sustainability. After all, we only want to keep those things that give us enduring pleasure. The furniture built by TEAM 7 is already a future classic. Innovative technology and sustainability need not be a contradiction. On the contrary: We consciously fit our furniture with the latest technology in order to guarantee maximum convenience, because this brings enduring pleasure.

The economy

Sustainable management out of respect for nature

TEAM 7 makes very conscious and careful use of our valuable resources. We produce our goods in accordance with the highest environmental and economic perspectives, from the tree to the finished furniture. As a material, wood has some particular benefits as compared with other materials. In addition to the relatively low energy consumption involved in production, wood’s carbon storage properties are another benefit of the material. A master’s thesis analysing the potential for CO<sub>2</sub> emission (2012) for instance showed that approx. 865 t CO<sub>2</sub> is saved each year through TEAM 7’s own forest. For 2011 the same master’s thesis showed that approx. 8,758 t CO<sub>2</sub> was saved over the long term through our furniture. Our furniture is designed from the outset to ensure that the material is used as efficiently as possible. We attach particular importance to cleaner production, i.e. to optimising operational energy use and minimising water consumption and waste. The wood chips left over are used in our own furnaces for heat production. The CO<sub>2</sub> accumulated in the process has already been removed from the atmosphere while the trees were growing. By burning this biomass we produce energy to heat our offices, production facilities and drying chambers. This energy is also used as process heat for our board presses. We procure electricity for our production facilities almost exclusively from renewable energy sources. The Ried site uses 100% green electricity. We also supply electricity to the mains network using our own photovoltaic system.

Sustainability starts with the design. We create furniture in a timeless language of forms, characterised by the synthesis of natural materials and a modern design.



## KITCHEN



k7

The height of the worktop on the **k7** cooking island can be conveniently and infinitely adjusted from 74 cm to 114 cm by an electric motor. Flexible use allows the island to be adapted to individual architectural needs.



vao

With the **vao** kitchen, TEAM 7 has again proved its innovative competence in the kitchen sector and shown once more what modern everyday aestheticism means – sensuous natural wood and maximum convenience packed in a timeless language of forms.

## DINING



flaye

This table can go from 0 to 100 in 4 seconds. Thanks to the **nonstop** technology, the 100 cm insert board swivels out automatically in one movement.



mylon

The flared table legs merge smoothly into the sub-frame and make the **mylon** table highly stable. The transverse wood grain of the elegant tabletop is a characteristic feature. Integrated wooden insert boards allow the table to be extended to a maximum length of 350 cm.

## LIVING



cubus

The 18.5 cm deep **cubus** sliding shelf unit is ideal for neatly storing away CDs, DVDs and books. In addition to serving the classic purpose of a library, the storage space behind the **cubus** sliding shelf unit also makes a clever “hideaway” for a flat screen.



Home Entertainment

The Home Entertainment programme from **cubus** and **cubus pure** allows individual solutions to be designed for all types of entertainment media. The carcass made of natural wood forms the basis for optimum sound performance.

## BEDROOM



nox

The **nox** bed is available in six types of wood with a wooden or leather headboard. Thanks to the unique craftsmanship of TEAM 7, the bed is assembled without any metal.



mylon

The material used for the bedframes lend the **mylon** bed its enticing, slim and sophisticated look. Consistent straight lines, paired with precise curves, bring the classic bed style into the present day.

## HOME OFFICE



atelier

The flexible **atelier** desk is height-adjustable from 68 to 81 cm, thereby allowing people of basically any size to work ergonomically.

## CHILD



mobile

The adaptable **mobile** desk with its inclinable tabletop and numerous extendable “helpers” can be adjusted to suit the individual needs of children through to professionals.

Company profile, financial year 2014



**Carcase factory Ried i. I.**  
Upper Austria



**Solid wood boards, tables and beds Pram**  
Upper Austria

**Managing directors**  
Dr. Georg Emprechtinger, MBA  
CEO, Sales, Commercial Division  
Herman Pretzl, MBA  
COO, Production, Procurement

**Ownership**  
100% G. Emprechtinger GmbH

**Subsidiary Companies**  
TEAM 7 Österreich GmbH  
(Flagship Stores Vienna, Linz, Wels, Ried)  
TEAM 7 Deutschland GmbH  
(Flagship Stores Hamburg, Munich, Dusseldorf)  
Managing Directors: Georg Emprechtinger  
NHT (Hungary), Managing Directors:  
Stefan Hajdu and Hermann Pretzl

**Wood types**  
Alder, beech, beech heartwood, maple,  
oak, cherry, walnut

**Selective distribution**  
15 brand stores (monobrand stores), of  
which 9 are our own flagship stores  
Brand stores in 34 countries

**Production**  
Ried im Innkreis and Pram  
(Upper Austria), Borsfa (Hungary)

**Turnover**  
2013: EUR 80.0 mill. (+ 2%)  
2014: EUR 81.5 mill. (+ 2%)

**Export Ratio**  
84% (D, CH, I, F, Benelux, UK,  
Eastern Europe, Japan, USA, Australia etc.)

**Employees**  
Total 630; of which 530 in Austria  
42 apprentices

**Investments 2014**  
EUR 3.3 mill.

**Sourcing**  
55% in Austria  
further 35% in Germany and Italy  
10% Others

**Eco-related plants**  
Compressors  
Heating plants

**Key indicators**  
Resources and raw materials,  
water, waste, emissions

**ÖNACE**  
31.09-0



Key figures

	Area	Buildings	Paved area	Unsealed area	Employees
<b>Ried Location</b>					
Office building headquarters	15.120 m <sup>2</sup>	10.947 m <sup>2</sup>	4.173 m <sup>2</sup>	-	300
Factory 1 carcase furniture					
Tent hall	5.028 m <sup>2</sup>	1.358 m <sup>2</sup>	917 m <sup>2</sup>	2.753 m <sup>2</sup>	
Parking places	9.844 m <sup>2</sup>	-	-	9.844 m <sup>2</sup>	
<b>Ried total area</b>	<b>29.992 m<sup>2</sup></b>				
<b>of which unsealed</b>	<b>12.597 m<sup>2</sup> ≈ 42 %</b>				

<b>Pram Location</b>					
Office building	32.899 m <sup>2</sup>	9.276 m <sup>2</sup>	23.623 m <sup>2</sup>	-	230
Factory 2 tables/beds					
Factory 3 solid wood boards					
Timber yard	12.000 m <sup>2</sup>	-	12.000 m <sup>2</sup>	-	
Parking places	1.178 m <sup>2</sup>	-	1.178 m <sup>2</sup>	-	
<b>Pram total area</b>	<b>46.077 m<sup>2</sup></b>				

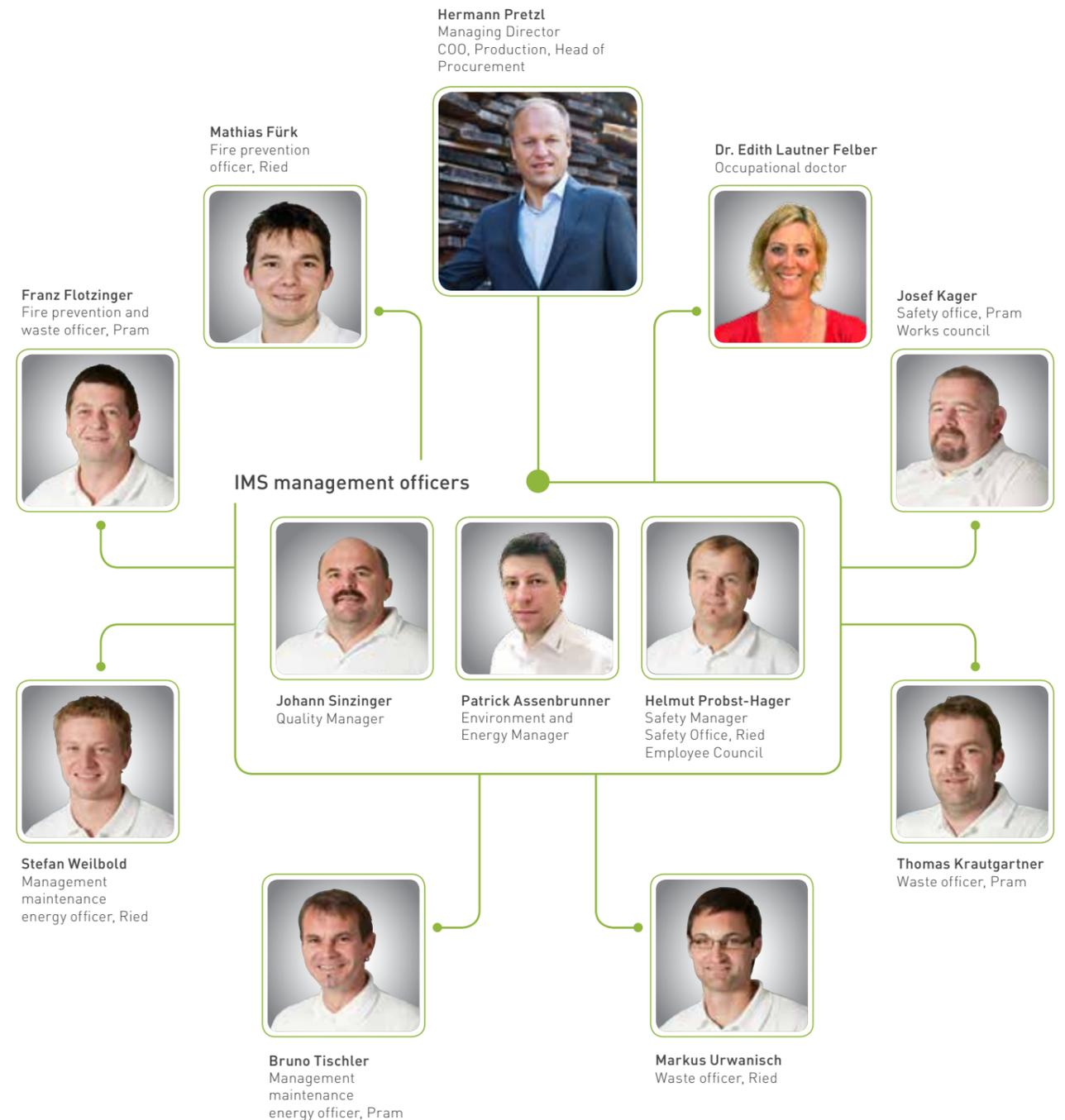
Information acc. to entries in the Land Register as at 12/08/2014

Our environment team

Our IMS (integrated management system) team is responsible for meeting the goals set with regard to the environment, quality, occupational safety and TEAM 7's social responsibility. With regard to in-house process organisation, the team's tasks include ensuring a sustainable process capability through ongoing staff trainings and

by keeping individual projects specifically in line with our corporate philosophy.

**Sustainability and environmental protection start in people's heads and not because of regulations!**



## Environmental management

Environmental management is part of the overall management of TEAM 7. Its objective is to implement the statutory regulations on protection of the environment and to integrate them in the company's work flows as effectively as possible. The production process, the products, all the materials used, the entire manufacturing process and our employees' conduct are organised with the aid of an eco-management system based on environmental criteria. In particular, this includes defining ecologically necessary and economically advantageous measures for TEAM 7, organising and enforcing their implementation and verifying their success. The process must be improved if necessary and this aspect is also included in the environmental management system. Such a system ensures that environmental protection regulations are not only observed but also optimally implemented. Environmental management is based on precisely defined eco-management standards. With ISO 14001 and EMAS, TEAM 7 has integrated two internationally recognised standards and regulations in its management system and thus systematically anchored protection of the environment in its management: ISO 14001 defines the requirements to be met by an eco-management system. A company's environmental policy, environmental objectives and environmental programme are core aspects. EMAS, also known as the EU Eco-Audit, is a community eco-management and audit scheme for organisations seeking to improve and permanently implement their environmental performance. These eco-management systems help define environmental aspects, make them quantifiable and improve them in a continuous process. That is why independent certification agencies are regularly invited to verify our success. In addition, we also perform internal audits every six months.



Illustration of PDCA cycle

## Quality Management

For TEAM 7 as a manufacturer of brand name furniture, quality is the key to success. Confidence in the brand depends first and foremost on the quality of its products. Assuring this quality is the task of a correspondingly organised internal quality management based on the internationally recognised standard ISO 9001.

### The concept

TEAM 7 does not accept any compromises where quality is concerned. That is also why the entire value-adding chain is controlled, from the tree to the finished furniture. In every phase of the production process and at every workplace, our employees are encouraged to pay particular attention to the quality of the product. Raw materials and products are regularly tested by independent institutes.

This continuous striving for improvement is the central tenet of our quality management. TEAM 7 uses the PDCA method (plan do check act) to improve quality. The process moves from the small scale to the larger scale: it is analysed, improved and tested at one workplace before being implemented as standard for the whole of production.

### The raw materials

Quality starts with the raw materials. TEAM 7 only uses pure raw materials which can be returned to nature's cycle at any time. Although we use leather, glass and metal for our furniture, exquisite timbers are our most important raw material. The wood is selected according to particularly stringent internal guidelines, which we have summarised in a quality manual. TEAM 7 only uses European wood species and preferably wood grown under specifically the best conditions. Sawmills are required to provide a contractual undertaking guaranteeing that the wood comes from sustainably managed forests. This is verified through random samples. The wood is tested for radioactivity before it enters the production chain. The wood is only finished with natural oil – in keeping with TEAM 7's purity requirement. The oil is made from natural essences, such as linseed oil, walnut oil, safflower oil and wax.



The wood is converted into robust boards with low warping and without formaldehyde in TEAM 7's own factory. In this way, we can guarantee that TEAM 7 furniture is natural and free of toxic substances, and contributes towards a pleasant, healthy indoor climate.

### The test laboratory

The basic quality elements of design, function, ergonomics, stability and safety are tested for all TEAM 7 products directly during the manufacturing process in our own test laboratory. Compliance with all the usual DIN and ISO standards, as well as the national Ö-standards (Austrian standards) is established in the test laboratory. In addition to the quality of the surface finish, this also includes the requirements for children's furniture in particular.

### Our employees

Product quality owes a great deal to employees who are masters of their craft. That is why TEAM 7 attaches great importance to traditional craftsmanship – two-thirds of our employees are joiners. Continuous training is offered to all TEAM 7 employees to improve their qualifications. Workshops are held regularly with the aim of optimising process sequences to assure quality.

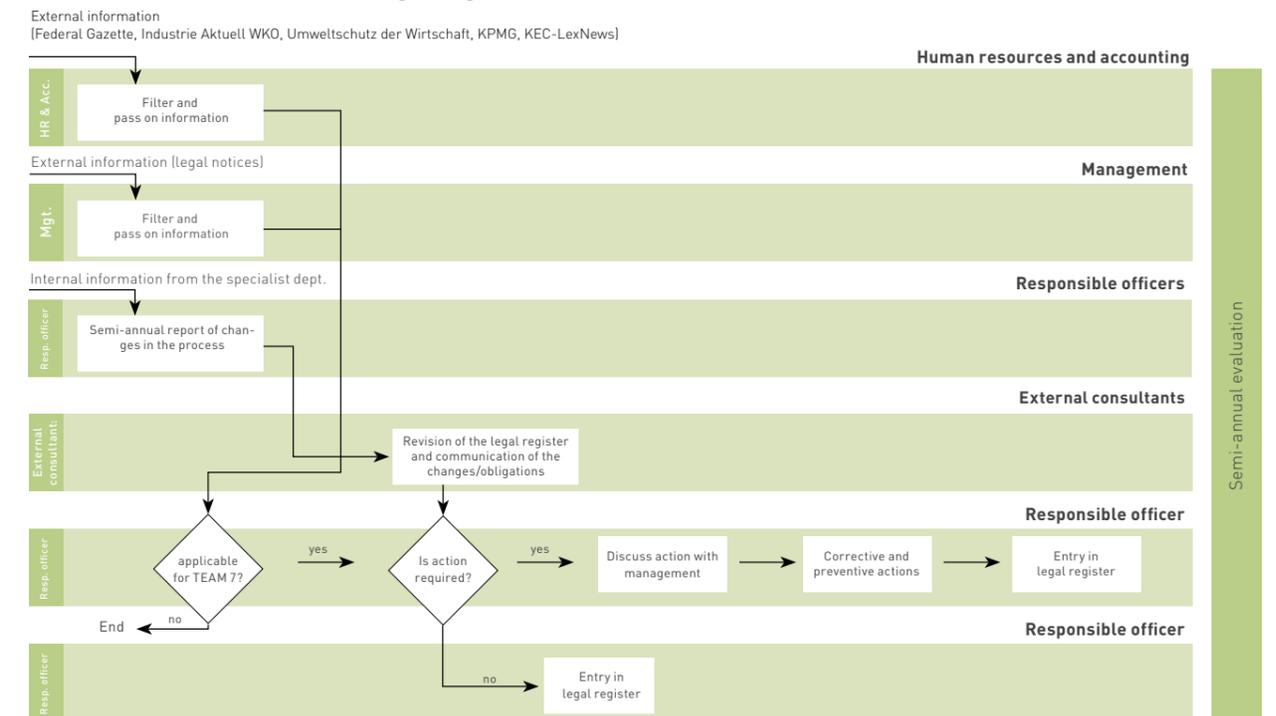
## Legal compliance

Company law, environment law, personnel law and employee protection – like every other company, TEAM 7 is part of a comprehensive and complex system of rules and regulations. Keeping track of them all is a real challenge. For this reason, we have tackled the problem

internally and – without outside prompting – developed a special procedure allowing us to continuously verify our compliance with the applicable laws and regulations. In this way we have been able to achieve maximum legal security for our company, our products and our employees.



## Process for ensuring legal security



## Occupational safety and health

Our employees are our greatest asset, which is why their safety takes top priority at TEAM 7.



To avoid accidents at work, exclude health hazards and generally to protect the health of our employees, we regularly organise inspections by proven safety experts. They look for sources of danger on site and during the work process. They check the entire production process and work sequences for possible hazards due to dust, noise and machines. They assess the processes according to ergonomic criteria, check and

supervise construction work, and investigate all the working materials with which our employees come into contact. It goes without saying that TEAM 7 provides all employees with suitable protective clothing to mitigate the consequences of a possible accident. Inspections are regularly carried out in the company by proven experts who are also on hand to assist in emergencies and hazardous situations. With their help,

we have drawn up contingency plans permitting a quick and efficient response when necessary.

A special risk management system guarantees that production can be maintained in an emergency or at least resumed as quickly as possible. Our aim is to ensure that TEAM 7 can always meet its obligations towards its staff and customers.

# ENVIRONMENTAL AND ENERGY MANAGEMENT

## Social benefits

Respect for other people is an integral part of the corporate philosophy of TEAM 7. The unique quality of our furniture and its special aura making every piece something special are shaped by the skills and talents of our staff. As a company we are a community of people working towards the same goal, people who enjoy their work and believe in what they do. That is what has made TEAM 7 successful. That all our employees identify with the company is part of our company philosophy and we do a great deal to ensure that they also feel well here.

Social benefits are consequently an indispensable element of our corporate policy. Our employees' health is important to us. An external factory doctor ensures that vaccinations, vision tests and hearing tests are provided regularly in the company. We provide all our employees with suitable

protective work clothing and organise First Aid courses. They also receive a company-subsidised lunch. Regular festivities and skiing trips for all strengthen the group feeling and contribute significantly towards the pleasant working atmosphere.

### Society and social affairs

Sustainability also means fairness

Creating jobs in the region, integrating older and younger people into the workforce, maintaining the pleasure they take in their work and promoting an intensive team spirit are all important matters for TEAM 7. TEAM 7 is acknowledged as being one of the most important employers in the region. We are committed to Austria as a manufacturing location and the regional trades as a valuable and thriving tradition. Reasonable working time models ensure that our



employees can reconcile their working life with their family life. All our employees receive basic and above all further training in the company to safeguard and improve their skills and competence in the long term. We create career advancement opportunities for all employees and explicitly want our employees to develop and to take pleasure in their advancement.

Supporting people with disabilities is also a matter of importance to us and we have for the past five years collaborated with five different protected workshops for disabled people.



# ENVIRONMENTAL AND ENERGY MANAGEMENT

## Ecological sourcing criteria

**TEAM 7** selects its suppliers in accordance with whether they comply with the company's guiding principles, and endeavours to convey its philosophy onto suppliers.

**TEAM 7** overwhelmingly selects natural materials provided that these can guarantee functionality along with auxiliary materials that have been produced on a natural basis and do not contain problematic substances.

**TEAM 7** is careful to avoid waste from purchased products as much as possible and requires single-variety environmentally-friendly packaging from its suppliers along with the promotion of reusable systems.

**TEAM 7** prefers local suppliers in order to ensure respect for human rights and core working standards in the supply chain. CO<sub>2</sub> emissions are also reduced to a minimum.

**TEAM 7** predominantly selects renewable or recyclable raw materials with due regard to life-cycle management and sustainability, and requires its suppliers to provide flawless quality in accordance with its own strict quality directives.

**TEAM 7** ensures that the new systems and machinery that it procures provide maximum energy efficiency.

**TEAM 7** selects electrical drives with the highest feasible efficiency class whenever economically possible upon replacement or renewal.

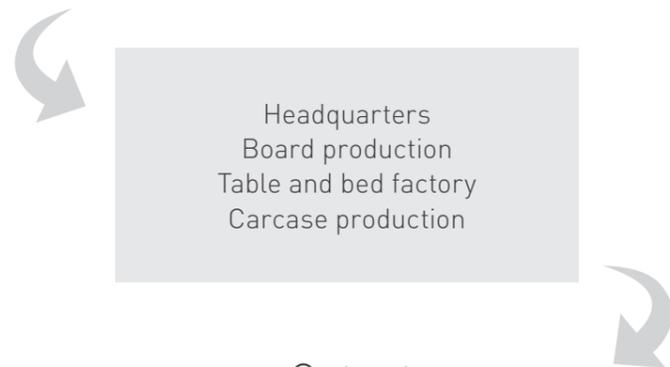
**TEAM 7** requires the use of energy-efficient methods in and outside of the factories when procuring services (assembly, transportation, etc.).

## Input/Output

Data 1.1.2014–31.12.2014

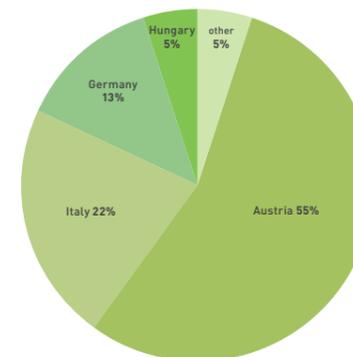


ENERGY		WATER		RAW MATERIALS	
Total electricity	6,277,343 kWh	Wooden scrap	11,060 bulk m <sup>3</sup>	Glass	274t
Ried	2,174,612 kWh	Fuel (heat recovery)	115,463 l (diesel)	Leather	23.5 t
Pram	4,102,731 kWh (Energy mix see page 18)			Wood	12,828 m <sup>3</sup>
				Natural oil	16,320 l



## Output

WATER		BOARDS		FACILITIES		EMISSIONS		WASTE	
(1)	5,293 m <sup>3</sup>	62,703 m <sup>2</sup>	37,689 orders	(2) Total electricity	107 t CO <sub>2</sub>	Ried	37 t CO <sub>2</sub>	Ried	215 t
				Pram	70 t CO <sub>2</sub>	Pram	111 t		
				(3) Fuel	318 t CO <sub>2</sub>				



## Purchasing

Contrary to the general trend towards global sourcing, TEAM 7 has always preferred regional purchasing structures. In addition to the short distances and correspondingly lower pollutant and CO<sub>2</sub> emissions with which this is associated, the flexibility of a regional supply network is an important element in our company's ability to perform. Another positive effect lies in the creation and preservation of highly qualified jobs in the region. Through the interaction between local purchasing and a high export share, we have been able to strengthen Austria as an economic centre in the long run.



(1) Approx. 20% evaporates through the humidification system

(2) Ried: Green electricity

Pram: Green electricity  
CO<sub>2</sub> calculation according to Environment Agency Austria

(3) CO<sub>2</sub> calculation according to Environment Agency Austria



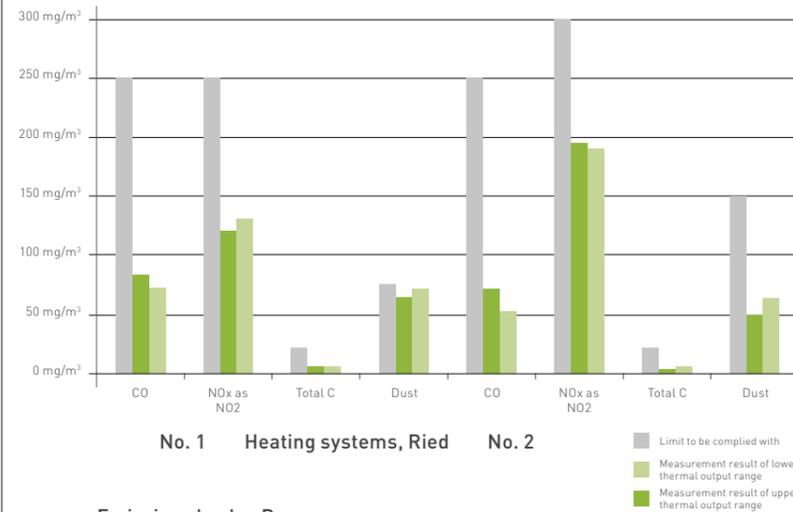
## Emissions

### Heating system



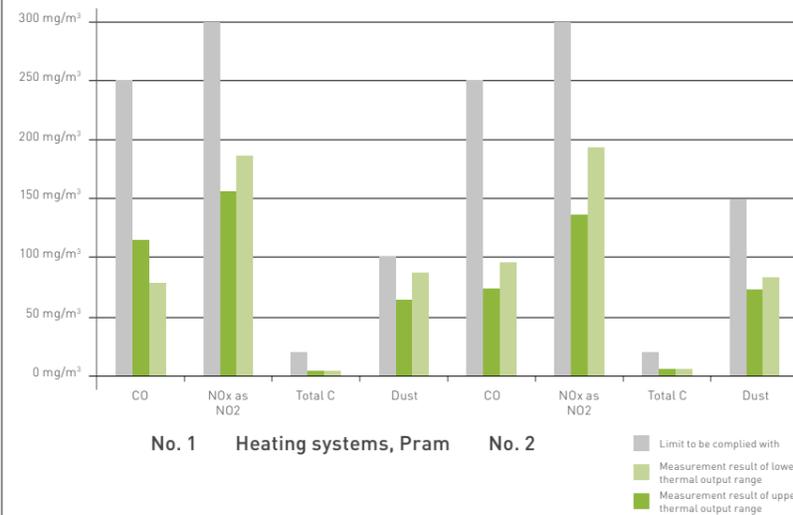
The energy input from biomass (wood chips) allows us to supply all locations with energy without increasing CO<sub>2</sub> emissions. The CO<sub>2</sub> resulting from combustion of the biomass was previously absorbed from the atmosphere.

#### Emission checks, Ried



No. 1 Heating systems, Ried No. 2

#### Emission checks, Pram



No. 1 Heating systems, Pram No. 2

#### Possible effects under abnormal operating conditions and in emergencies



The Ried and Pram locations each have two heating systems installed. A mobile gas or oil heating system can be connected rapidly to the heating circuit in the event that both of these fail at either location.

### Key

#### Environmental Impact



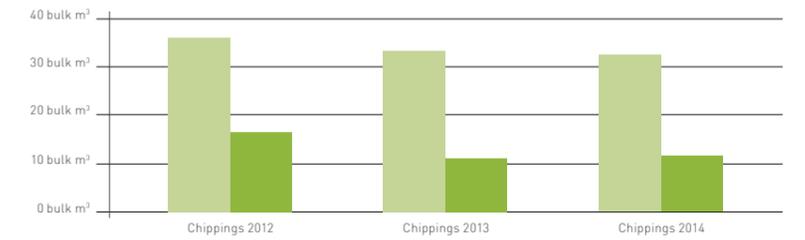
#### Need for Action



#### Environmental Aspect



### Chippings consumption per site and employee



Chippings consumption overall in 2014 at Ried and Pram 11,060 bulk m<sup>3</sup>.



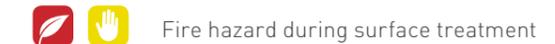
### Surface treatment



The primary ingredients of TEAM 7's natural oils are linseed oil, sunflower oil, soya oil, carnauba wax and beeswax. These are all products that are not subject to any labelling requirements.



#### Possible effect under abnormal operating conditions and in emergencies



Oil-soaked rags or sponges and grinding dust can ignite spontaneously. As a pre-cautionary measure to prevent emergencies, the oil-soaked cloths and rags are soaked in water and disposed of after use.

### Traffic



The production facilities in Ried and Pram are only 20 km apart.



Virtually 100% of the lorries used comply with EURO 5 or even EURO 6 in accordance with the Vehicle Badge Regulation. EURO 6 (lowest environmental impact) EURO 1 (high environmental impact)



Vehicles with low pollutant values. No old vehicles.  
 38 cars: average consumption per car 6.00 l/100 km  
 5 trucks: average consumption per truck 26.50 l/100 km  
 1 car with electrical drive for factory trips between Ried/Pram and courier trips  
 7 diesel forklift trucks: 7,594 annual operating hours  
 9 electric forklift trucks: 6,647 annual operating hours

#### Possible effects under abnormal operating conditions and in emergencies



Applies for site traffic, haulage companies and own vehicles!



### Waste in Ried, 2014

Material designation according to Austrian standard ÖNORM S 2100

		Manufacturing waste similar to household waste		26,670 kg
		Flat glass		5,140 kg
		Ash		1,950 kg
		Cardboard		104,500 kg
		Paper		15,500 kg
		Electric devices, <50 cm not dangerous		634 kg
		Fluorescent tubes		30 kg
		Batteries		6 kg
		Washing and cleaning agents		6,062 kg
		Textile packaging material		30,690 kg
		Plastic packaging		9,335 kg
		Construction and waste wood, old furniture		740 kg
		Oil separator, oil/water, emulsions		1,100 kg
		Mixed sheet metal and iron		11,320 kg
		Polystyrene		885 kg
<b>Waste in Ried thereof</b>				<b>214,562 kg</b>
<b>thereof</b>				<b>37,888 kg</b>

**Possible effects under abnormal operating conditions and in emergencies**

- Incorrect separation of waste
- Fire in the waste container

The data used for the assessment and key figures is from the records taken in 2014.

#### Key

Environmental Impact



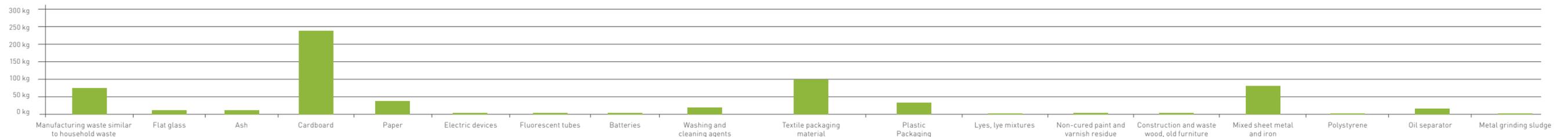
Need for Action



Environmental Aspect



#### Waste in Ried and Pram per employee, 2014



### Waste in Pram, 2014

Material designation according to Austrian standard ÖNORM S 2100

		Manufacturing waste similar to household waste		13,140 kg
		Flat glass		10 kg
		Ash		2,860 kg
		Cardboard		21,240 kg
		Paper		4,070 kg
		Electric devices, <50 cm not dangerous		115 kg
		Fluorescent tubes		43 kg
		Batteries		6 kg
		Washing and cleaning agents		2,230 kg
		Textile packaging material		20,600 kg
		Plastic packaging		7,875 kg
		Alkalines, alkaline mixtures, paints		17 kg
		Adhesives not hardened		1,940 kg
		Oil separator, oil/water, emulsions		5,080 kg
		Mixed sheet metal and iron		31,300 kg
		Metal grinding sludge		790 kg
<b>Waste in Pram thereof</b>				<b>111,316 kg</b>
<b>thereof</b>				<b>28,766 kg</b>
<b>Total Waste in Ried and Pram thereof</b>				<b>325,878 kg</b>
<b>thereof</b>				<b>66,654 kg</b>

**Possible effects under abnormal operating conditions and in emergencies**

- Incorrect separation of waste
- Fire in the waste container

The data used for the assessment and key figures is from the records taken in 2014.

#### Notes

**Manufacturing waste similar to household waste**  
Residual waste

**Flat glass**  
Broken glass is collected and subsequently recycled.

**Ash**  
Non-hazardous wood ash remains when the biomass (wood chips) is incinerated.

**Cardboard**  
Packaging of merchandise and fittings

**Paper**  
Work documents and office documents

**Electric devices**  
Electric cables, lights and electric installations

**Batteries**  
Household batteries for devices to measure the moisture in wood and other consumers

**Washing and cleaning agents**  
Thinner for cleaning the machines and other cleaning agents

**Textile packaging material (rags/sponges - containing oil)**  
Rags and sponges are used to apply the natural oils. These must be disposed of separately and are spontaneously combustible.

**Adhesive remains, not hardened**  
Formaldehyde-free glue

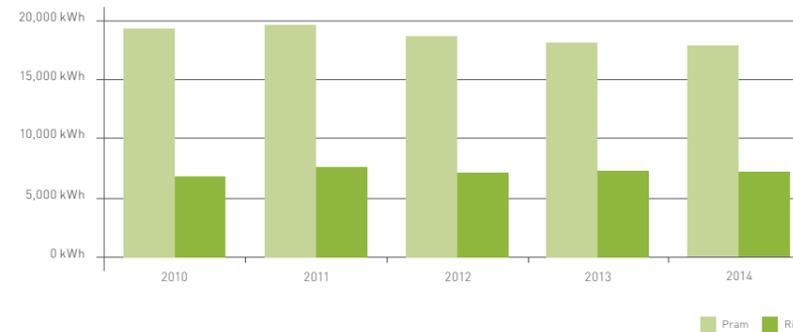
Resources and raw materials



Use of natural resources / raw materials

		Electricity consumption	
		Compressed air	
		Glue	
		Other fuels and supplies	
		Tools	
		Wood	
		Glass	
		Leather	

Electricity consumption per site and employee



Electricity consumption

**Pram**

Green electricity [83.99% hydro power, 11.34% wind power, 3.36% fixed biomass, 1.31% other green energy]  
Source: ENAMO calculation, Dec. 2014

**Ried**

Green electricity [89.77% hydro power, 5.27% wind power, 3.55% fixed and liquid biomass, 1.41% other green energy]  
Source: Ried energy calculation, Dec. 2014

Overall in 2014 for Ried and Pram 6,277,363 kWh

Key

Environmental Impact



Need for Action



Environmental Aspect



Resources and raw materials under the requirements of the Austrian Ecolabel

**Compressed air**

The supply of electricity to the compressors is monitored and measured.

**Glue**

We only use formaldehyde-free white glue. Toxic vapours are not produced during manufacture of the glue.

**Other supplies and auxiliaries**

Lubricants, glues and small tools

**Tools**

Saw blades, cutters, drills, etc.

**Wood**

From sustainable forest management

**Alder**, origin: Hungary

**Beech**, origin: Austria, Germany, Croatia, Slovakia

**Beech heartwood**, origin: Austria, Germany, Croatia, Slovakia, Romania

**Maple**, origin: Austria, Romania

**Oak**, origin: Austria, Germany, Hungary, Romania, Croatia

**Cherry**, origin: Romania, Hungary

**Walnut**, origin: Romania, Hungary

**Glass**

The main raw materials in the production of float glass are: quartz sand, lime and soda. All materials are abundantly available in nature and can also be disposed of without problems. Indeed, glass is now considered a prime example of successful recycling.

**Leather**

We use only pure natural leather, no synthetic leather. Raw material: bull hide and cow hide from south Germany and suitable provinces. Leather is a natural product with genuine natural properties and features.

Possible effects under abnormal operating conditions and in emergencies

Electricity consumption

Compressed air

Glue

Other fuels and supplies

Tools

Wood

Glass

Leather

**Electricity consumption**

Power failure

**Compressed air – Failure of the compressed air supply**

Two compressors are installed at each of the Ried and Pram locations. If both were to fail at one location, a mobile compressor can be connected to the compressed air circulation within a very short space of time.

**Glue**

Wrong glue composition

**Tools – Tool failure**

Not all tools are available from stock or can be supplied at short notice

**Wood**

Fungal attack or insect infestation in the wood

**Glass**

Failure of a supplier. There are 5 suppliers available.

**Leather**

Failure of a supplier. One replacement supplier is available.



Environmental protection in our own four walls and in work premises has a lot to do with comfort and health. After all, most people spend 90% of their time in internal spaces. As a result, low-pollution furniture in living rooms, bedrooms and children's rooms and for office and school areas which is harmless to health is especially important for quality of life and of work. Since traditional furniture varnish and certain adhesives can impact the air inside months after use through VOCs (volatile organic compounds), the residual emissions set out in this directive are very low (evidence: test chamber measurements). Under the Austrian Ecolabel the wood-based materials used must e.g. reach no more than half of the "E1" limit value under the Formaldehyde Regulation. By using TEAM 7 natural oil and formaldehyde-free glue we easily meet the requirements under the directive. Only minimum amounts of plastics are permitted

as functional parts or as a coating for work boards. A determination of chromate is required for leather, whereby hexavalent chromium does not need to be verifiable (verifiable limit 3 mg/kg). Any chemical preservation of skins and tanned semi-finished products for transportation and storage must be avoided wherever possible. If preserving agents are used in order to preserve skins then these must comply with the requirements under the directive. Chemical preservation of finished leather is not permitted. The woods used must originate from legal and sustainable sources. Compliance with the statutory regulations and standards is of course a requirement for awarding the label. Companies must also have a waste management concept or an environmental management system. This allows environmental weak points in production to be highlighted and eliminated. The packaging should permit outgassing of residual emissions. However,

this should also prevent harm to health from odour nuisance. There are additional requirements related to the surface quality of children's furniture with strict safety standards imposed. Requirements under the directive related to the quality and durability of the furniture, ease of repair and availability of spare parts represent eco-design principles. These are aimed at increasing the durability of the furniture, and thereby also result in environment protection and cost savings at the same time. Ergonomic office and school furniture are essential for users' health. Criteria in accordance with the corresponding standards are the provision of information on proper ergonomic planning and use are therefore also covered under the directive. Source: Austrian Environmental Directive UZ 06, version dated 1 July 2010.



### Soil use

Ground occupied by buildings

Sites are not listed in the directory of sites known or suspected to have been polluted in the past. Only 48% of the entire site area has been sealed. (See company profile) Sites in Ried and Pram.

### Local phenomena

Noise

Only a limited amount of noise is emitted into the surroundings.

### Industrial incidents

Fire hazard

Due to ignition of the grinding dust or self-igniting oil-soaked rags and sponges.

Windstorm

The Ried and Pram locations are not located in an area exposed to wind storms.

#### Key

##### Environmental Impact

low medium high

##### Need for Action

little moderate high

##### Environmental Aspect

direct indirect



### Water consumption

#### Discharge of water

Sanitary waste water

Surface water

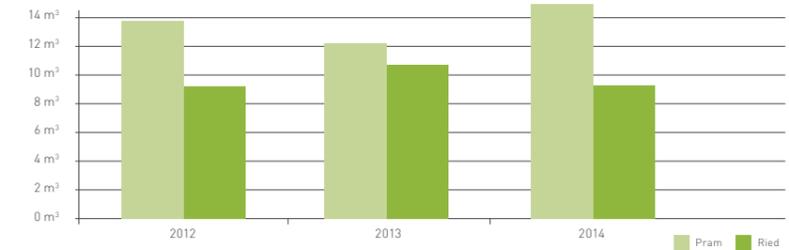
Toxic substances cannot be entrained into the groundwater by precipitation.

Humidification plant

Since solid wood swells and shrinks, we must be able to regulate the climate in our production halls with the aid of humidifiers.

#### Water consumption per location and employee

Total water consumption is calculated on the basis of the invoice from Pram town council and from Energie AG for Ried.



#### Total water consumption Ried and Pram 6,595 m³

(\*) The increase in water consumption in Pram as compared with 2013 was the result of construction work. For instance the floor was refurbished in the logistics centre in the board factory (factory 3) so that the floor complies with the latest requirements for an industrial floor (bearing loads).

#### Possible effects under abnormal operating conditions and in emergencies

Floods

Ecologically hazardous substances cannot be washed out by floods.

List of projects accomplished 2014

Project topic	Goal	Responsible	Action	Location	Implementation
Energy efficiency	Implementation of the step-by-step plan resulting from the analysis of potential aimed at improving energy efficiency 2012 (baseline)  <ul style="list-style-type: none"> <li>• CO<sub>2</sub> and energy savings</li> <li>• Increased energy efficiency</li> </ul>	Maintenance	Heat recovery for compressor and summer operations for boiler Potential savings of 63 t CO <sub>2</sub> per annum or approx. 161,000 kWh of heat per annum	Ried	2014
			Hydraulic balancing including exchanging pump Potential savings of approx. 47 t CO <sub>2</sub> per annum or approx. 215,000 kWh of heat per annum	Ried	2014
			Hydraulic balancing including exchanging pump Potential savings of approx. 114 t CO <sub>2</sub> per annum or approx. 300,000 kWh of heat per annum	Pram	2014
Integrated management system	Certification in accordance with ISO 50001 Energy Management Certification in accordance with OHSAS 18001 Occupational Health and Safety	IMS Team	Certification in February 2014	Ried/Pram	2014
Electricity purchasing	Conversion to green electricity at Pram	Purchasing/Energy management	Reduction in CO <sub>2</sub> emissions by approx. 800 t CO <sub>2</sub> per annum	Pram	2014
Documentation	Establishment of a detailed measurement system	Energy management	Continuous current measurement / heat meter at the essential energy consumers Mobile current measurement device to measure peak current	Ried/Pram	2014
Electric mobility	Increase in the proportion of electric mobility in factory traffic between Ried and Pram	Environmental management	Second electric charging station in Pram	Pram	2014
Supplier management	Avoidance of any use of hexavalent chromium in electroplating	Purchasing/Environmental management	Raising of awareness among metal suppliers related to the use of hexavalent chromium in electroplating	Ried	2014

List of projects accomplished 2013

Project topic	Goal	Responsible	Action	Location	Implementation
Energy efficiency	Implementation of the step-by-step plan resulting from the analysis of potential aimed at improving energy efficiency 2012 (baseline)  <ul style="list-style-type: none"> <li>• CO<sub>2</sub> and energy savings</li> <li>• Increased energy efficiency</li> </ul>	Maintenance	Conversion to a SEPAS system Potential savings of approx. 110 t CO <sub>2</sub> per annum or approx. 300,000 kWh	Ried	2013
			Hydraulic balancing (started) Potential savings of approx. 47 t CO <sub>2</sub> per annum or approx. 215,000 kWh (heat)	Ried	2013
			Reorganisation of humidification system Potential savings of approx. 11 t CO <sub>2</sub> per annum or approx. 30,000 kWh	Pram	2013
			Hydraulic balancing (started) Potential savings of approx. 114 t CO <sub>2</sub> per annum or approx. 300,000 kWh (heat)	Pram	2013
			Heat recovery for compressor Potential savings of approx. 55 t CO <sub>2</sub> per annum or approx. 150,000 kWh (heat)	Pram	2013
	Energy savings in administration	Environmental management	Raising of awareness through flyers and informational events	Ried/Pram	2013
Waste management	Further reductions in washing and cleaning detergents Consistent avoidance of waste	Environmental management/ Waste officers	Enquiries into biodegradable detergents Enquiries into the treatment of washing thinner Recycling of packaging material	Ried/Pram	2013
Material yield and resources	Increase in the percentage share of certified wood	Environmental management/Purchasing	Expert report along the lines of Hungary with evidence of sustainability for additional countries and types of wood	Pram	2013
Energy management	Improvement and standardisation of documentation for key energy figures	Environmental management	Standardised key energy figures database	Head office	2013

Action plan 2015

Project topic	Goal	Responsible	Action	Location	Implementation
Energy efficiency	Implementation of the step-by-step plan resulting from the analysis of potential aimed at improving energy efficiency 2012 (baseline) <ul style="list-style-type: none"> <li>• CO<sub>2</sub> and energy savings</li> <li>• Increased energy efficiency</li> </ul>	Maintenance	Lighting conversion at factory III Potential savings of approx. 14 t CO <sub>2</sub> per annum or 40,500 kWh per annum	Pram	2015
Energy efficiency	Reduction in use of electrical energy	Maintenance/Energy management	Project launch aimed at introducing or expanding usage-based control for lighting in certain areas	Ried/Pram	2015
Waste management	Reduction in waste quantities for cardboard boxes by 10%	Production management/Waste officers	Optimisation for cutting to new machine cutting for cardboard boxes	Ried	2015
Energy monitoring	Expansion of the key energy figure system	Energy management	Integration of all sub-meters into the key figures database	Ried/Pram	2015
Raising of awareness	Increased awareness among employees in relation to energy efficiency and environmental protection	Environmental and energy management	Publication of the IMS policy and objectives Adoption of instructions, inclusion of energy and environmental aspects in rounds of meetings	Ried/Pram	2015
Documentation	More user-friendly IMS documentation	IMS management	Revised Share Point structure, simplified documentation and action tracking for audits	Ried/Pram	2015
Energy monitoring	Greater transparency with the essential energy consumers	Energy officer	Mobile current measurement device in order to measure and assess selected consumers	Ried/Pram	2015

Becoming a green factory

Energy supplied with biomass

The scraps of wood accumulated from production are used in the company's own furnaces for heat production. The CO<sub>2</sub> produced through this has already been removed from the atmosphere while the trees grow. Using biomass therefore enables CO<sub>2</sub>-neutral energy supplies in order to heat our offices, production halls and drying chambers. The heat produced is also used as process heat for our board presses.

Factory traffic

We rely on electric mobility for courier trips and factory traffic between Ried and Pram. For instance we make approx. 4,300 km of purely electric trips each year, thereby reducing the strain on our environment. The electrical energy for the electric car is produced in absolute terms using our own photovoltaic system.

Electrical power supply

We procure electricity for our production facilities exclusively from renewable energy sources. This is 100% green electricity at both sites. We also produce electricity for our own use using our own photovoltaic system.

Ventilation using circulating air

All of our production halls are fitted with the latest ventilation systems. Energy efficient and ultra silent with SEPAS-Plus and SELAS-Plus for surface technology. Both systems have heat recovery systems which channel the used, warm internal air via heat exchangers, thereby preheating the fresh air from outside.

Compressor systems with heat recovery systems

The temperature of the air/oil mixture is approx. 90°C following compression. The air is channelled via a heat exchanger in order to achieve lower energy consumption for the cooling unit (air-conditioning device). The warm air produced through this is blown back into the production hall in winter. This saves heat energy.

Lighting

By using light control which is dependent on daylight we are able to save approx. 250 t CO<sub>2</sub> per annum at the Ried and Pram sites.

Sustainable building management for new builds

Controlled ventilation with heat recovery

The office building in Pram has a controlled ventilation system with heat recovery. The used inside air containing energy is suctioned off and provides energy to the fresh air supply in the heat exchanger, which works with an efficiency factor of 80%. A room temperature of 20°C involves an incoming air supply of approx. 16°C which has been preheated. The remaining energy is supplied to the building via a low-temperature system in the form of floor heating.

Direction of the building

The main front of the building faces the south with an open portion of 70%. Facing the south ensures passive use of sunlight and thereby supports energy supplies to

the building during the heating period. Sun protection which is integrated into the front provides protection from overheating in the summer months. The north side of the office building is directly adjoined onto the production hall. This reduces the radiating outer shell surfaces by approx. 40%.

Sustainable material wood

The roof girders and frames in the production hall in Pram (factory II) are made of glued wood. The roofing structure was constructed using finished roof elements which are also made of wood. Partition walls and wall panelling have been constructed using wooden bar constructions which have OSB boards.

Administration

In 2013 60% of all invoices were sent electronically. We are launching initiatives to raise this share even further. This will benefit the environment in many ways. Saving paper not only saves wood as a valuable resource, it also saves water and electricity.



# CERTIFICATES AND QUALITY MARKS

ENVIRONMENT	CUSTOMER BENEFIT	WHO TESTS AND AWARDS	FOR WHICH PRODUCTS OR LOCATIONS
 Austrian Ecolabel	<p>Healthy living due to</p> <ul style="list-style-type: none"> <li>• Low emissions from the furniture (formaldehyde, VOC)</li> <li>• Sustainable and legal forest management</li> <li>• Materials which are tested for carcinogenic, toxic and mutagenic substances, as well as for reproductive toxins</li> <li>• Verification of compliance with the applicable furniture standards (engineering design, durability and quality) (see also page 19)</li> </ul>	<p>Awarded by the Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management (BMLFUW)</p> <p>Society for Consumer Information (VKI) tests</p>	All furniture, except solid upholstered chairs
 EMAS certification	<ul style="list-style-type: none"> <li>• Sustainable production</li> <li>• Efficient use of resources</li> <li>• Compliance with environment laws</li> <li>• Environmental aspects which are taken into account and improved in the processes (refer also to the TEAM 7 Sustainability Report)</li> </ul>	<p>Awarded by the Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management (BMLFUW)</p> <p>SGS Austria Controll-Co tests</p>	Ried i. I. and Pram (headquarters, factory 1, factory 2, factory 3)
 ISO 14001 certificate	<ul style="list-style-type: none"> <li>• Sustainable production</li> <li>• Efficient use of resources</li> <li>• Compliance with environment laws</li> <li>• Environmental aspects which are taken into account and improved in the processes (refer also to the TEAM 7 Sustainability Report)</li> </ul>	SGS Austria Controll-Co tests and awards	Ried i. I. and Pram (headquarters, factory 1, factory 2, factory 3)
 ISO 50001 certificate	<ul style="list-style-type: none"> <li>• Sustainable production</li> <li>• Efficient use of energy</li> <li>• Optimisation of energy performance</li> <li>• Compliance with energy laws</li> <li>• Energy aspects which are taken into account and improved in the processes</li> </ul>	SGS Austria Controll-Co tests and awards	Ried i. I. and Pram (headquarters, factory 1, factory 2, factory 3)
QUALITY	CUSTOMER BENEFIT	WHO TESTS AND AWARDS	FOR WHICH PRODUCTS OR LOCATIONS
 ISO 9001 certificate	<ul style="list-style-type: none"> <li>• Quality management standards</li> <li>• Standardised workflows</li> <li>• Constant quality of the furniture</li> <li>• Continuous improvement in processes (CIP)</li> </ul>	SGS Austria Controll-Co tests and awards	Ried i. I. and Pram (headquarters, factory 1, factory 2, factory 3)
 Austria mark	Marking Austrian company	Austrian Economic Chambers tests and awards	Ried i. I. and Pram (headquarters, factory 1, factory 2, factory 3)
SAFETY	CUSTOMER BENEFIT	WHO TESTS AND AWARDS	FOR WHICH PRODUCTS OR LOCATIONS
 GS mark PRODUCT SAFETY	<p>Safety tested for</p> <ul style="list-style-type: none"> <li>• Compliance with the Equipment and Product Safety Act (GPSG)</li> <li>• Compliance with all relevant guidelines and standards</li> <li>• Compliance with the legal regulations governing safety and health (see also page 18)</li> </ul>	TÜV Rheinland LGA Products GmbH tests and awards	Complete kitchen range, k7 island, desk chair, mobile desk, mobile beds, mobile bunk bed, fully glued glass fronts
 OHSAS 18001 certificate	<ul style="list-style-type: none"> <li>• Safety ensured during production and delivery</li> <li>• Employee health &amp; safety in the workplace</li> <li>• Prevention of accidents at work and work-related injuries and illnesses</li> <li>• Adherence to relevant labour and health protection regulations</li> <li>• Continual improvements to the workspace</li> </ul>	SGS Austria Controll-Co tests and awards	Ried i. I. and Pram (headquarters, factory 1, factory 2, factory 3)

## Statement of the expert to the verification and validation activities

SGS Austria **Controll-Co, Ges.mbH**, EMAS with the verifier registration number **AT-V-0023**, accredited for the scope

Production and distribution of eco-design furniture made from natural wood.

Production of solid wood boards and parts

(NACE code 31.09),

declares to have verified

# TEAM 7

A- 4910 Ried i. I. Braunauerstrasse 26 and 4742 Pram Gewerbepark 1. with registration number AT-000018, meets all the requirements of Regulation (EC) no. 1221/2009 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organizations in a Community eco-management and audit scheme (EMAS).

By signing this declaration, it declares that

- The verification and validation in full compliance with the requirements of Regulation (EC) no. 1221/2009 regulation were carried out,
- The outcome of the verification and validation confirms, that there is no evidence of non-compliance with the applicable legal requirements to the environment
- The data and information presented in the environmental statement of the organization TEAM 7 reflect a reliable, credible and correct image of all the organization's activities in within the scope mentioned in the environmental statement.

Vienna, March 8th 2015



DI Dr. Uwe Posch

Lead Verifier

**SGS Austria Controll-Co GesmbH**

Diefenbachgasse 35

A-1150 Wien, Austria

Accreditationnumber: AT-V-0023

# TEAM 7

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All TEAM 7 furniture lines for kitchen, dining rooms, living rooms, bedrooms and children's rooms can be found at [www.team7.at](http://www.team7.at)