



# WE CARE ABOUT A CLEAN FUTURE

Performance Report with  
Integrated Environmental Statement 2020  
Magna Steyr Graz





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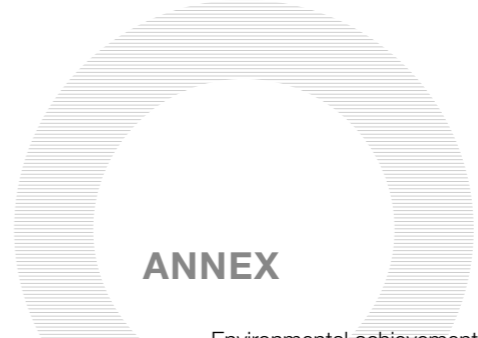
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# SUSTAINABLE – INNOVATIVE – SOCIALY CONSCIOUS

When we look back on the year 2019 from the perspective of Magna Steyr at the Graz site, we see a year of great successes and anniversaries, which you can read about in this Performance Report. All of our activities and projects are inseparably linked with a sense of environmental responsibility. I began here midway through 2019, as President Complete Vehicle Manufacturing & Engineering and joined a company that holds sustainability close to its heart. This was clear to me when I started and I am happy that I took on a management role in a company where this subject is firmly anchored both in the strategy and in its day-to-day activities.

Striking a healthy balance between economic, ecological and social goals whilst being competitive at the same time is a top priority at Magna Steyr. We clearly see that the strong role we take in matters of environmental management is also appreciated by our international customers and is also increasingly expected within the auto industry – both in engineering and in vehicle production. I am

very pleased that we are able to play an active role as a leading global engineering and manufacturing partner for the automotive industry and to contribute our know-how and our innovations in developing the mobility of the future in a sustainable manner.

In the future, our success will be measured not only in the form of results and innovations, but also in the progress that we make in achieving the SDGs (Sustainable Development Goals) of the United Nations. In the coming years we will put an even greater focus on this as a team so that we continue to improve and strengthen our position over the long term. We are making good progress – as demonstrated by the awards that we received in 2019.

For the 22<sup>nd</sup> time Magna Steyr has been recognized in the ÖKOPROFIT® environmental management program of the City of Graz, winning the award for its programs for the efficient use of resources. As an EMAS pioneer, our plant in Graz was recognized



“WE INSIST ON SUSTAINABILITY – IN OUR BUSINESS RELATIONSHIPS, ENVIRONMENTAL MANAGEMENT AND IN OUR DEVELOPMENT AND PRODUCTION PROCESSES.”

for 20 years of successful use of the EMAS environmental management system. In addition, from the Austrian Ministry of Sustainability and Tourism we received the environmental management award for innovative transport logistics in connection with the exemplary use of a purely electric-powered truck shuttle at the Graz site.

We are especially proud to have been recognized internationally for our commitment in the field of environmental management in 2019 – for the first time we also received an award from the European Commission in the European EMAS Awards. This is a great success, as the EMAS Awards are the most prestigious awards in environment management.

We have a clear goal when it comes to our continuous efforts towards sustainability: to develop products and processes together with our partners and suppliers that are more intelligent, safer, cleaner and lighter. With this in mind, we are playing an active role in designing new, future technologies.

We are leading the way in the area of electromobility in particular – both in the area of complete vehicle development, where a third of projects now involve electromobility, and also as the first brand-independent contract manufacturer in the world to manufacture different drive technologies on the same production line.

In all of our development and production processes, sustainability is paramount.

For us, actively shaping the future means that we are already prepared to assume social responsibility – many of our activities over the past year are evidence of this.

**Frank Klein**  
**President Magna Steyr**

THE FUTURE OF MOBILITY BEGINS AT MAGNA:

# THE COMPANY

We are a leading global automotive supplier with 346 manufacturing operations and 93 product development, engineering and sales centres in 27 countries. We have over 152,000 employees focused on delivering superior value to our customers through innovative processes and World Class Manufacturing. Decades of experience, complete vehicle expertise and the ability to spot new trends give Magna the flexibility it needs to create the innovations of tomorrow and to make ourselves industry leaders in the four key

areas that will shape the auto industry in the years to come: lightweight design, autonomous driving, electrification and smart mobility.

Our goal as a leading global supplier to the auto industry is to offer mobility solutions and technologies that change the world. Today we produce a wide range of different products, from seats to powertrains, and are the only automotive supplier that builds complete vehicles.

## MAGNA INTERNATIONAL IS DIVIDED INTO 4 PRODUCT AREAS:

### Power & Vision:



Powertrain



Electronics



Mechatronics, Mirrors, Lighting



Body & Chassis



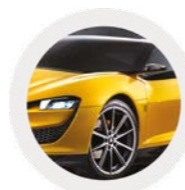
Exteriors

### Seating Systems:



Seating

### Complete Vehicles:



Complete Vehicles

### Body Exteriors & Structures:

## NEW PROSPECTS AT THE GRAZ SITE: "FROM IDEAS TO REALITY"

Magna Steyr is part of Magna International and a global company with approx. 13,500 employees at more than 30 locations on four continents. From ideas to reality – with our all-round vehicle expertise, which is based on more than 120 years of experience in the development and production of vehicles, we are designing the future of mobility. This makes us a preferred partner for traditional OEMs and new players in the automotive industry around the world. We operate as a genuine One Stop Shop and fashion the ideas of our customers into a tailored product for the road. 3.7 million vehicles produced make us the leading multi-OEM complete vehicle manufacturer.

Graz is not only Magna International's largest site around the globe, it is also the only one where complete vehicles are produced. At present we employ around 8,500 people in Graz. This makes Magna Steyr one of the biggest employers in the region. With the Engineering Center Austria, which is also located at the site, Magna Steyr is able to offer its customers special added value. Our unique

complete vehicle expertise and maximum levels of flexibility make Magna Steyr the world's leading brand-independent engineering and production partner for automakers. For example, we are the first automaker to produce the entire spectrum of powertrain technologies – from ICE to plug-in-hybrid to pure electric vehicles – in a single facility.

# BIG PRODUCTION ANNIVERSARY – 3.5 MILLION VEHICLES

In May 2019, Magna Steyr celebrated a very special anniversary: In 113 years of automotive engineering, an unbelievable 3.5 million vehicles, spread over 29 models for 9 different customers, have rolled off the assembly lines at the Graz site. It is a great achievement for the team at this site. Currently, the BMW 5 Series, the Roadster BMW Z4, the Mercedes-Benz G-Class, the first all-electric Jaguar, the I-PACE, the Jaguar E-PACE, and the Toyota GR Supra are produced in Graz.

1906



**Pinzgauer**  
(1971 – 2000)



**Mercedes-Benz G-Class**  
(since 1979)



**Chrysler Voyager**  
(2002 – 2007)



**Mercedes-Benz E-Class**  
(1996 – 2002)



**Voiturette**  
(1906)



**Puch 500/650/700c/126**  
(1957 – 1975)



**VW Golf Country**  
(1990 – 1991)



**Alpenwagen**  
(1919)



**Haflinger**  
(1959 – 1974)



**VW Transporter T3 4x4**  
(1984 – 1992)



**Audi V8L**  
(1990 – 1994)

2019



**Jaguar I-PACE**  
(since 2018)



**MINI Paceman**  
(2012 – 2016)



**Aston Martin Rapide**  
(2010 – 2012)



**Mercedes-Benz E-Class**  
(2003 – 2006)



**Jeep Commander**  
(2006 – 2010)



**Peugeot RCZ**  
(2010 – 2015)



**BMW 5 Series**  
(since 2017)



**Saab 9-3 Convertible**  
(2003 – 2009)



**BMW Z4**  
(since 2018)



**Toyota GR Supra**  
(since 2019)



**Chrysler 300 C**  
(2005 – 2010)



**BMW X3**  
(2003 – 2010)



**MINI Countryman**  
(2010 – 2016)



**Jeep Grand Cherokee ZG, WG, WJ**  
(1994 – 2004)



**Jeep Grand Cherokee WH**  
(2005 – 2010)



**Mercedes-Benz M-Class**  
(1999 – 2002)



**Mercedes-Benz SLS AMG**  
Aluminum body  
(2009 – 2014)



**Jaguar E-PACE**  
(since 2017)



# BUSINESS PERFOR- MANCE

## **Sustainability as a basic principle of our actions**

At Magna, we understand sustainability not merely as protecting the environment – we also take into account the many different consequences as they relate to our social interactions and our economic relations. Our employees are encouraged to be enterprising and visionary in their thinking to develop long-term environmentally friendly solutions.

## MAGNA'S CONTRIBUTION

# TO SUSTAINABILITY AND CLIMATE PROTECTION

AT MAGNA, SUSTAINABILITY AND CLIMATE PROTECTION ARE OF PARAMOUNT CONCERN AND PRIORITY. THIS WAS UNDERSCORED BY DON WALKER, CHIEF EXECUTIVE OFFICER, IN THE INTRODUCTION TO THE ANNUAL REPORT 2019. THE ORIENTATION OF THE MAGNA GROUP WITH REGARD TO SUSTAINABILITY AND CLIMATE PROTECTION FORMS THE FRAMEWORK FOR THE SUSTAINABILITY STRATEGY AT MAGNA STEYR, WHICH WE ARE IMPLEMENTING THROUGH SPECIFIC GOALS AND PROGRAMS AT THE GRAZ LOCATION.

The strategic direction for sustainable action is described in the Magna Sustainability Report 2019. This orientation contains the following main points:

- Design, engineering, production and delivery of innovative product solutions for Magna's customers in order to achieve common goals such as reduced weight, lower fuel consumption and reduced CO<sub>2</sub> emissions
- Optimization and innovation of production processes with respect to resource efficiency and product quality
- Improvement in the energy efficiency of facilities for the reduction of greenhouse gas emissions
- Clarification of opportunities for the transition to renewable energy
- Fair treatment of employees
- Being a good partner to the communities in which we live and work

Magna's policies, guidelines and goals shown below have formed the framework for sustainable action for many years already:

- Magna has brought together the company's main core values and business principles in the Corporate Constitution, Employee's Charter and Operational Principles. These are reflected in Magna's philosophy of a "Fair Enterprise" culture.
- The Code of Conduct and Ethics ensures that all Magna employees adhere to ethical principles in their actions.
- The principles and expectations that Magna has for its suppliers are anchored in the Code of Conduct for Suppliers.
- The Health, Safety & Environmental Policy ensures safe working conditions, the health of employees and an environmentally conscious use of resources.



### Sustainability strategy at Magna Steyr and its implementation at the Magna Steyr Graz site

As a basis for the sustainability strategy for Magna Steyr, we conducted a comprehensive analysis of the expectations and requirements of customers, employees, owners and the company. In addition to the Stakeholder Analysis, we compared the 17 SDGs (Sustainable Development Goals) of the United Nations with the value chain and seven particularly relevant SDGs were identified.

These seven SDGs have been broken down into company-specific goals and translated into concrete programs and progress towards meeting these goals is monitored on an ongoing basis. This provides a clear picture, with the aim of achieving an overall optimum.

One important goal, for example, is to supply evidence of CO<sub>2</sub>-neutral production in the next two years. The basis for this is provided by the CO<sub>2</sub> balance sheet, which is prepared each year based on the Greenhouse Gas Protocol, beginning in business year 2019.

We are already working on the goals of avoiding waste going to landfill sites and the yearly reduction of water consumption by 1.5 %.

Since sustainability already has a long tradition at Magna Steyr Graz, we are able to show previously completed sustainability measures assigned to individual SDGs over the following pages.

# SUSTAINABLE DEVELOPMENT GOALS

The SDGs (Sustainable Development Goals) are goals set by the United Nations to promote global sustainable development while respecting social, ecological and economic aspects.

Magna Steyr is conscious of its corporate responsibility and makes an essential contribution to individual SDGs through its actions. The SDGs with particular priority are highlighted. A selection of actions taken by Magna Steyr:

- 1 No poverty**
  - Donations and charity work
  - Social projects
  - Competitive wages & benefits (Magna Employee's Charter)
  - Permanent employment contracts
- 3 Good health and well-being**
  - Health and sports opportunities (mylife program)
  - Flexible working time models
  - Health service center
  - Ergonomics program
  - Burnout prevention
- 4 Quality education**
  - Professional development
  - Apprenticeships
  - Cooperation with educational institutions, internships
- 5 Gender equality**
  - Fair treatment (Magna Employee's Charter)
  - Corporate Behavior Fibula
  - Magna's Code of Conduct and Ethics
- 6 Clean water and sanitation**
  - Water management plan for water use reduction
  - Avoidance of harmful chemicals in cleaning
- 7 Affordable and clean energy**
  - 100 % of electricity acquired from renewable energy sources, electricity and heat generation for own use from renewables
  - Energy efficiency measures
- 8 Decent work and economic growth**
  - Assuming social responsibility
  - Employment of people with disabilities (exceeding the legal requirement)
  - Providing safe working conditions and promoting employee health and well-being
- 9 Industry, innovation and infrastructure**
  - Innovation and ideas management
  - Development of future transport solutions



- 10 Reduced inequalities**
  - Competitive wages & benefits (Magna Employee's Charter)
  - Equal opportunities in the recruitment and promotion of staff (Leadership Development, Succession Planning)
- Sustainable cities and communities**
  - Assuming social responsibility
  - Promotion of environmentally friendly staff mobility
  - Participation in the ÖKOPROFIT® program by the city of Graz
- 12 Responsible consumption and production**
  - Development of alternative drive systems and use of lightweight design technology
  - 100 % of electricity acquired from renewable energy sources, electricity and heat generation for own use from renewables
  - Waste prevention and reduction measures
  - Avoidance of food waste in catering
  - Increasing the proportion of waste for recycling (Project Zero Waste)
  - Optimization of waste management through ongoing monitoring and benchmarking
- 13 Climate action**
  - Continuous improvement of environmental performance
  - Reduction of CO<sub>2</sub> emissions
  - Development of alternative drive systems and use of lightweight design technology
- 14 Life below water**
  - Avoidance of harmful chemicals in cleaning
- 15 Life on land**
  - Promotion of biological diversity by maintaining green spaces at the site
- 16 Peace, justice and strong institutions**
  - Compliance management
  - Magna's Code of Conduct and Ethics
  - Proactive neighbor management
- 17 Partnerships for the goals**
  - Cooperation with educational institutions, internships
  - External certifications
  - Participation in EMAS, ÖKOPROFIT® program by the city of Graz, Klimaaktiv, Council for Sustainable Logistics



WE ARE WORKING FOR THE FUTURE

# AND OUR WORK IS WINNING AWARDS

## TWO AWARDS ON THE EMAS ANNIVERSARY

### Awards for innovative transport logistics and 20-year commitment

In 2019 Magna Steyr received the award for environmental management for the fourth time (formerly the EMAS Award) from the Austrian Federal Ministry for Sustainability and Tourism, this time in the category "Eco-Efficiency and Eco-Design". The all-electric truck shuttle, specially designed for transport logistics at the Graz location, not only impressed the jury with its significant reduction of CO<sub>2</sub> emissions but also of noise and particulates. Magna Steyr Graz was also presented with a second award during the festive ceremony at the Orangery at Schönbrunn Palace: the company was recognized as an EMAS pioneer for

its 20 years of successful participation of the EMAS environmental management program.



## EUROPEAN EMAS AWARD FOR THE FIRST TIME

### EMAS award in the "Private large organizations" category presented to Magna Steyr



Magna Steyr was not only successful at the EMAS Awards in Austria. For the first time, the company was awarded the European EMAS award in the "Private large organisations" category for its many sustainability activities at the Graz location. The award was presented by the European Commission on November 25, 2019 at the Guggenheim Museum in Bilbao, Spain and also underscores Magna Steyr's status as an international role model for sustainability in corporate thought and action. The EMAS Awards are considered the most prestigious awards in environmental management. Many of the achievements that were particularly well received by the jury are also presented in our current and past Performance Reports with integrated environmental statement.



## ÖKOPROFIT® AWARD FOR THE GRAZ SITE

### The environmental programme of the city of Graz recognises Magna Steyr for the 22<sup>nd</sup> time

For more than two decades, the city of Graz has awarded the ÖKOPROFIT® award ("Ecological Project for Integrated Environmental Technology") to companies making important contributions in the area of resource conservation. Magna Steyr has been developing sustainable solutions for many years and has now been recognized by the city of Graz for the 22<sup>nd</sup> time for its efforts. The award was granted on the basis of particularly effective measures in the areas of transport logistics, infrastructure and human resources. For example, emissions have been reduced through the partial

conversion of intra-plant traffic to electromobility, the efficient control of empty truck runs and the creation of direct bus routes for employees.



## MAGNA APPRENTICES ARE OUT IN FRONT

### The next generation of Magna professionals excelled both in the national apprentice competition 2019 and in AustrianSkills 2018

The Magna youngsters' string of successes began in November 2018 at the professional competition



AustrianSkills in Salzburg. In an exciting competition against other young professionals, Magna automotive technology apprentices Lukas Saidacher and Tobias Temmel (state winners in automotive technology) took an outstanding 3<sup>rd</sup> and 4<sup>th</sup> place. More impressive results were garnered in September 2019 at the Austrian Federal Apprentice Competition for car body design engineers at the "Graz 3" state vocational school. In these competitions, two first place winners from the state apprenticeship competitions across all of the federal states compete head-to-head. Magna Steyr apprentices represented Styria – with a top result: Tobias Hödl and Laura Gesslbauer brought a double win back to Styria and the Magna Apprentice Training Center.

## FIRST MAGNA LOCATION OPENS IN SLOVENIA

### Opening celebration & production launch at the new paint shop in Maribor-Hoče

On July 10, 2019, following the production launch early in the year, the new paint shop and Magna's first plant in Slovenia, was officially opened in Maribor-Hoče. The new site is an important step along the road towards a possible plant for complete vehicle manufacturing in Hoče-Slivnica in the future. The new paint shop is a benchmark both for the Magna Group and for the industry as a whole – it not only sets the standard technologically but also in regard to sustainability, environmental protection and

resource conservation. The 32,000 m<sup>2</sup> multi-OEM paint shop offers work to around 200 employees.



## 100,000TH JAGUAR PRODUCED AT THE GRAZ SITE

### On July 12, 2019, Magna Stayer celebrated this important milestone in Jaguar production

Magna has been producing the Jaguar E-PACE in Graz since 2017 under contract with Jaguar Land Rover (JLR), followed in 2018 by the purely electric Jaguar I-PACE. And now the hundred thousandth vehicle has come off the line – a very special moment for Magna, all the more so in light of Magna being the first automaker in Europe to enter into partnership for the production of complete vehicles with JLR. The Jaguar E-PACE and I-PACE are both being produced on the production line in Graz. Magna is thus the first vehicle contract manufacturer to produce a wide range of drive technologies in a

single plant: from conventional drive to plug-in hybrid to purely electric vehicle. And in some cases on the same production line.



## PRODUCTION LAUNCH FOR NEW TOYOTA GR SUPRA

### March 2019 saw the completion of the first mass-produced vehicle of the relaunched iconic sports car

In early 2019 the Japanese speedster made its world premiere at the North American International Auto Show (NAIAS). On March 1, Magna Steyr Graz launched production of the legendary vehicle, thus adding another brand to its vehicle order production.

And the results are clear to see: The Toyota GR Supra gets the heart of all car lovers beating a little faster – both visually and because of its superlative performance. With its matte gray paintwork, matte black wheels and red interior and accents, the cult classic cuts an excellent figure. The acceleration from 0 to 100 km/h (62 mph) in 4.3 seconds is formidable, as are the many additional highlights that make the Toyota GR Supra a great Graz showpiece car.



## MERCEDES-BENZ G-CLASS CELEBRATES ITS 40<sup>TH</sup> BIRTHDAY

### 40 years "old" and still an absolute icon among automobiles

The Mercedes-Benz G-Class has been in production at Magna Steyr in Graz since 1979 and from the very beginning has excited its fans with its outstanding vehicle features and impressive all-terrain capability. The cult classic has already had quite a life and in 2019 celebrated its 40<sup>th</sup> birthday in fitting style – including its own TV feature covering the history, development and production of the Mercedes-Benz G-Class in Graz. Under the motto "Where there's a G, there's a way", the show naturally also included a demonstration of the G-Class mastering the local Graz mountain, the Schöckl, almost effortlessly. After all, in 2013 the off-road icon had already helped Bruce Willis save the world in "A Good Day to Die Hard".



# ENVIRON- MENT

CO<sub>2</sub> reduction begins with the little things. And can have big results.

That's why we have set ourselves the goal of having a CO<sub>2</sub>-neutral production from 2022.



# FOCUS ON THE ENVIRONMENT

EVERY ONE OF US IN OUR DAY-TO-DAY ACTIVITIES GENERATES AN IMPACT ON THE ENVIRONMENT, KNOWN AS ENVIRONMENTAL ASPECTS.

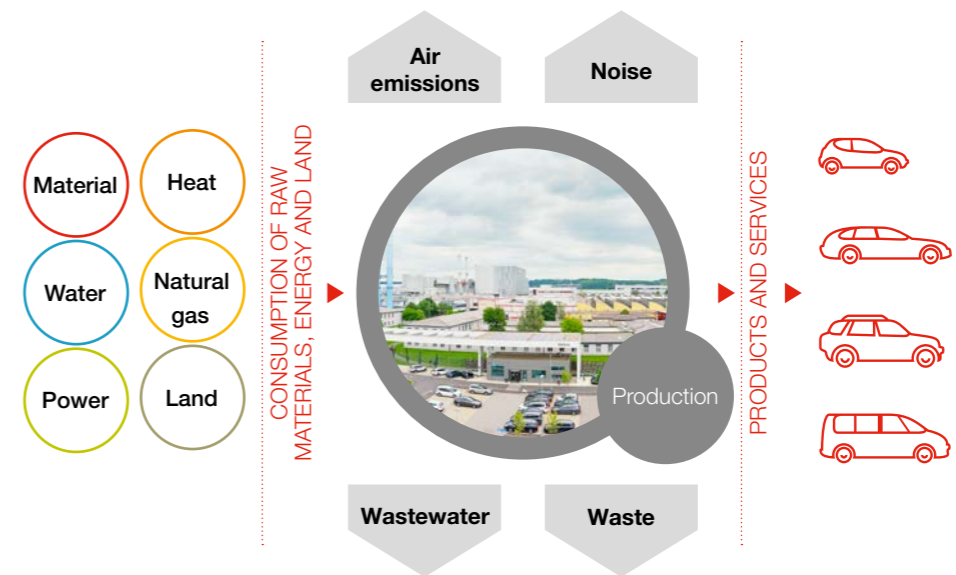
Through a series of measures and investments Magna Steyr Graz was able to achieve a reduction in heat and electricity consumption of approx. 4,900 MWh at the site in 2019. This energy saving corresponds to the annual heat and electricity consumption of approx. 850 detached houses. In addition, Magna Steyr Graz saved 310 t of CO<sub>2</sub> and around 270 t of waste to landfill. Additionally, numerous unquantifiable measures have been implemented (see Environmental achievements in the Annex).

The **direct environmental aspects** at Magna Steyr Graz, which are reported in detail below, arise from the following:

- the consumption of resources (raw materials, energy, land),
- the release of waste materials in solid, liquid and gaseous form (material and energy emissions).

We carried out the assessment of our direct environmental aspects using the criteria of quantity, environmental hazard, legal requirements and stakeholder requirements.

The **indirect environmental aspects** represent environmental impacts that Magna Steyr Graz can influence to a certain extent. They result from interaction with third parties (e.g. employees, suppliers, customers).



## ENVIRONMENTAL ASPECTS OF MAGNA STEYR GRAZ

<i>DIRECT ENVIRONMENTAL ASPECT</i>	<i>BRIEF DESCRIPTION</i>
Material consumption	Direct and indirect production material
Water consumption	Public water supply and untreated water
Energy consumption	Power, heat, natural gas
Land consumption	Sealed and nature-oriented area
Air emissions	Odor, volatile organic compounds from solvents, organic carbon emissions, carbon dioxide, carbon monoxide, nitrogen oxides, dust, greenhouse gases
Noise	Internal traffic, facilities, employees and visitors
Wastewater	Fecal wastewater, industrial wastewater, wastewater from oil separators, wastewater from grease separators, unpurified surface water, surface water from meteor water purification plants
Waste generation	Hazardous and non-hazardous waste
Soil contamination	Contamination of unsealed surfaces in an abnormal condition
<i>INDIRECT ENVIRONMENTAL ASPECT</i>	<i>BRIEF DESCRIPTION</i>
Product development	Environmentally compatible product development for vehicles and components
Innovation development	Environmentally relevant innovations for mobility solutions
Production process development	Environmental performance improvements in production processes and plants
Procurement	Environmental requirements for suppliers and service providers
Packaging planning	Environmentally relevant requirements with regard to packaging
Transport	Environmentally relevant requirements regarding transport and transport planning
Staff mobility	Environmental impact caused by employees on their way to work and on business assignments (business trips)

## INPUT/OUTPUT BALANCE

In 2019, a total of 168,822 vehicles were manufactured at the Graz site <sup>1</sup> (reference value for calculating the core indicators) and approx. 9,800 people were employed.

### Remarks on scope

Those sub-processes of the production and development of vehicles that do not take place at the Graz site are not included in this input/output balance nor in the detailed presentation of the environmental aspects. The main site Graz Thondorf and the secondary sites in Graz, Premstätten and Werndorf are included. Any specific place where an environmental aspect applies will be noted in the relevant detailed information in the following pages.

### Other relevant indicators for environmental performance

In the detailed explanations of the environmental aspects there are references to the industry-specific reference documents under article 46 of the EMAS regulation. Relevant to the activities of Magna Steyr Fahrzeugtechnik AG & Co KG are the applicable Best Environmental Management Practices (BEMP). Relevant for the IPPC plant <sup>2</sup> are the reference documents on the best available technologies (BAT) for the surface treatment of metals and plastics and surface treatment with organic solvents with the appropriate emissions limits and reference values.

INPUT	UNIT	2019	OUTPUT	UNIT	2019
<b>Absolute indicators</b>					
Direct production materials	t	325,278	Complete vehicles incl. painted car bodies <sup>1</sup>	pcs.	168,822
Indirect production materials	t	2,116	Aerospace components	t	9
Water consumption <sup>3</sup>	m <sup>3</sup>	517,337	Air emissions <sup>7</sup>		
Well water	m <sup>3</sup>	506,748	Solvent emissions	t	193.5
Public water supply	m <sup>3</sup>	10,589	of which organic carbon emissions	t	172
Energy consumption	MWh	255,379	Carbon dioxide <sup>8</sup>	t	30,347
Power <sup>3</sup>	MWh	107,114	Carbon monoxide	t CO <sub>2</sub> eq	22
of which from renewable energy	MWh	107,114	Hydrofluorocarbons	t CO <sub>2</sub> eq	462.8
Heat <sup>3</sup>	MWh	70,137	Nitrogen oxides <sup>9</sup>	t	35.6
of which from renewable energy	MWh	1,049	Dust	t	7.9
Natural gas <sup>4</sup>	MWh	78,128	Wastewater <sup>4</sup>	m <sup>3</sup>	517,337
Land consumption <sup>5</sup>	m <sup>2</sup>	924,517	Discharge into sewage system	m <sup>3</sup>	324,265
Sealed area	m <sup>2</sup>	828,074	Pipe bursts, losses, evaporation and test track watering	m <sup>3</sup>	193,072
Nature-oriented area on site <sup>6</sup>	m <sup>2</sup>	96,443	Waste <sup>10</sup>	t	11,056
			Hazardous waste	t	2,251
			Non-hazardous waste	t	8,806

1) Incl. SKD (Semi Knocked Down) and CKD (Completely Knocked Down) production and engineering prototypes. Of the vehicles produced, 17,431 car bodies were painted at the Maribor-Hoče plant.  
 2) For the painting process, plants are operated that must be classified as IPPC plants (Integrated Pollution Prevention and Control) under the Industrial Emissions Directive.  
 3) Incl. consumption by service providers and tenants working on site  
 4) Excl. consumption by the external heat supplier  
 5) Incl. leased areas  
 6) Includes all green spaces, green roof spaces and water surfaces. There are no nature-oriented areas off site.

7) Air emissions of methane, nitrogen trifluoride and nitrous oxide are not relevant. Sulfur hexafluoride emissions are only found in closed systems (switchgears) and therefore are likewise not relevant. Perfluorocarbons are not used. Sulfur dioxide is not relevant because only sulfur-free energy sources are used.  
 8) Carbon dioxide emissions under the Emissions Certificates Act (incl. emissions by the external heat supplier)  
 9) Incl. emissions by the external heat supplier  
 10) Excl. revenue from construction activities and from service providers and tenants active on site

# MAGNA ENVIRONMENTAL PRINCIPLES

Magna's environmental principles are rules for the protection of the environment and for minimizing our ecological footprint. They apply to all Magna locations globally and thus ensure a consistent standard across all Magna plants worldwide. Magna's environmental principles are used not only to identify potential risks, but also to take preventive measures and initiate reductions of environmental impacts.

Magna's environmental principles are divided into the following six main sections:

### Compliance

- Identify and adhere to binding obligations related to the environmentally relevant operations
- Verify compliance with rules within the scope of the Magna environment and compliance program

### Competence

- Ensure knowledge of the environmental risks at the site as well as the qualification and deployment of environmental specialists in the appropriate capacity

### Procedure

- Implement procedure for avoiding, controlling and minimizing environmental risks

### Inspection

- Monitor environmentally relevant facilities and operations through documented external and internal inspections
- Determine frequency and scope of inspections based on the environmental risks

### Reporting

- Use centrally supplied templates, implementation manuals and technical solutions or specifically develop them
- Always apply the stricter requirement of the Magna environmental principles and legal requirements

# MATERIAL CONSUMPTION

Material consumption includes the consumption of raw, auxiliary and operating materials, as well as semi-finished products in industrial production. Magna Steyr Graz divides these input materials into direct and indirect production material.

The direct production materials include all materials that are built directly into the vehicle. For example, raw materials (metal panels, leather, etc.), auxiliary materials (welding wire, adhesive, rivets, paint,

etc.) and semi-finished goods (engines, axles, gearboxes, wheels, windows, trim panels, etc.). Indirect production materials are materials that are not directly built into the vehicle. These include work supplies (gloves, cleaning cloths, etc.) and auxiliary materials (oils, greases, cleaning agents, various chemicals, etc.). The production materials are shown by item and quantity in the SAP system and can be queried there.

MATERIAL CONSUMPTION	UNIT	2019	2018	2017	2016	2015
<b>Core indicator</b>						
Material efficiency <sup>1</sup>	kg per vehicle	1,939	1,922	1,835	1,627	1,467

<sup>1</sup> Input quantity: Consumption of direct and indirect production material



# WATER CONSUMPTION

Water consumption describes the use of volumes of water by humans.

Water demand at the Graz site is covered primarily by extraction from our own wells. The public water supply is also used for drinking water. For supplies to the social areas, the well water is mixed with water from the public supply system. Drinking water

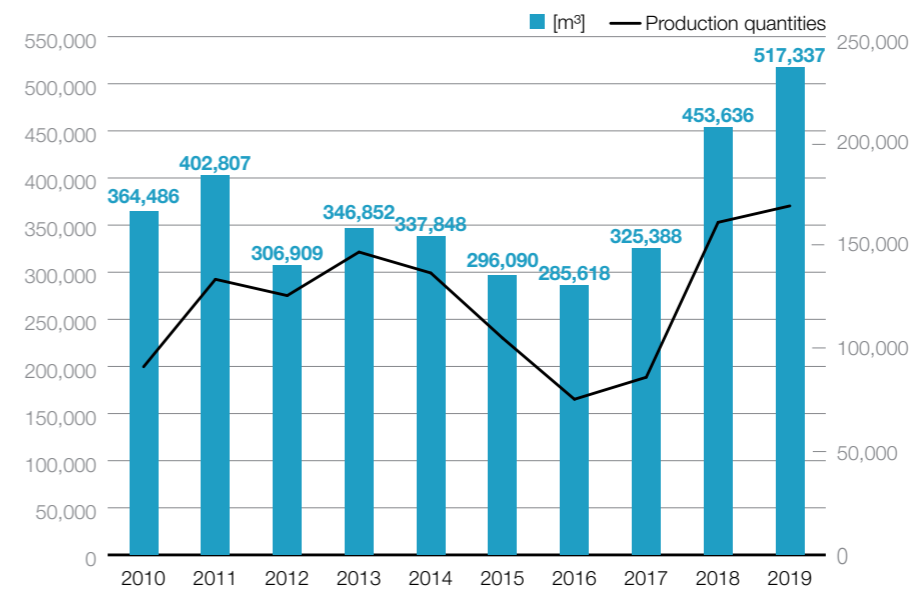
quality is assured through regular checks. Water consumption at the Graz Thondorf site is measured using meters. The quantities at the external sites are calculated using the consumption values from the existing process plants and the number of employees.

WATER CONSUMPTION	UNIT	2019	2018	2017	2016	2015
<b>Core indicator</b>						
Water <sup>1</sup>	m <sup>3</sup> per vehicle	3.06 <sup>2</sup>	2.82	3.77	3.78	2.82

<sup>1</sup> Input quantity: Water consumption

<sup>2</sup> The higher value compared to 2018 is due to a leak in the well water pipe.

## Water consumption



Significant influence factors in water consumption are the use of sanitation water (employee-dependent) and process water (production-dependent). The relationship between water consumption and production volume is therefore not necessarily linear.

STRATEGIC GOAL	TARGET DATE	STATUS 2019	SDG REFERENCE	MEASURES (EXCERPT)
Yearly reduction of water consumption by 1.5 % (reference year 2019)	continuous	in process	12	Creation of a water consumption list to determine potential
Reduction of water consumption by 15 % (reference year 2019)	2030	in process	12	Creation of a water consumption list to determine potential

# ENERGY CONSUMPTION

Energy consumption indicates the amount of energy required to meet the current energy demands of the business.

At Magna Steyr Graz, the energy sources used are power, heat and natural gas. Power is supplied almost entirely by an external vendor. The heat supply for the Graz Thondorf site also comes from external suppliers and is provided via the boiler house on site. To ensure the transparent representation of energy consumption for each organizational unit the detailed production-related metering structure is continuously developed. The energy meters and energy consumption levels for each organizational unit are recorded in the MEPIS system and can be queried at any time. Electricity usage at the external sites is measured using meters and bills from the energy suppliers. The heat used for heating the external sites is measured using meters and bills from the property management provider.

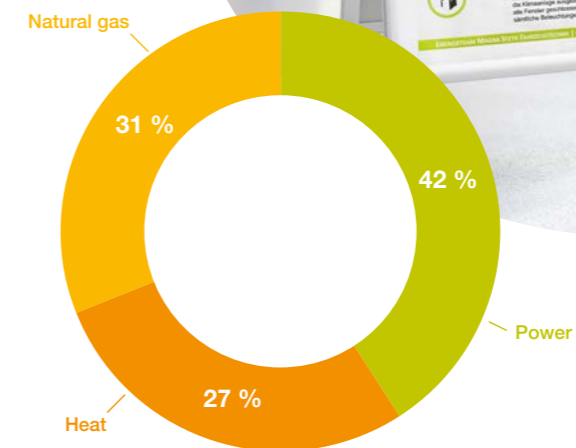
ENERGY CONSUMPTION	UNIT	2019	2018	2017	2016	2015
<b>Core indicators</b>						
Energy efficiency <sup>1</sup>	MWh per vehicle	1.51	1.65	2.81	2.75	1.98
Energy efficiency of renewable energy types <sup>2</sup>	MWh per vehicle	0.64	0.69	1.09	1.09	0.79

<sup>1</sup> Input quantity: Power, heating and natural gas consumption  
<sup>2</sup> Input quantity: Power consumption (100 % green electricity) and heat consumption from renewable energy sources

The external sites of Kastnerhalle and Hall 71 are heated with natural gas and therefore are included under natural gas consumption.

Reference to the applicable Best Environmental Management Practices (BEMP) in the industry-specific reference documents: The best practices for energy management have been considered and evaluated internally. Under the energy monitoring and management system, the efficiency of energy-consuming processes is continually optimized and options for using renewable and alternative energies are regularly evaluated. Currently, renewable energy at the site is already being acquired from solarthermy, a heat pump and photovoltaics and the external power supply comes exclusively from renewable energy sources.

Distribution of energy consumption 2019

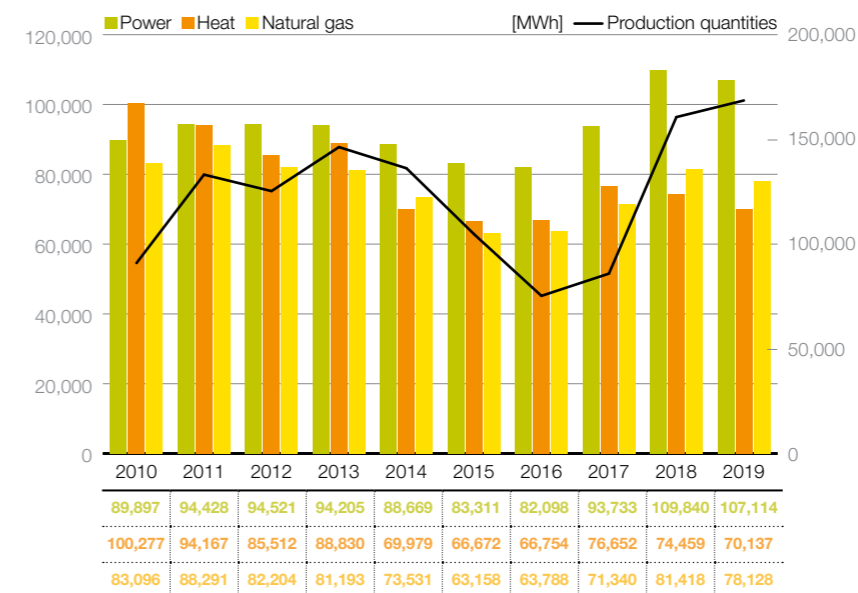


Power consumption is determined by the production volume and degree of automation as well as by the number of employees.

Heat consumption is influenced by the size of the areas being heated. Climatic conditions during the cold months also have an influence. The reduced heat consumption results from the energy efficiency measures implemented in the last few years.

The natural gas consumption is influenced by the production process and by the climatic conditions.

Energy consumption



Consumption reference values from BAT document and values 2019 (paint shop)

TYPE OF CONSUMPTION	UNIT	REFERENCE VALUE (BAT)	VALUE
Energy consumption plant	MWh per vehicle	1.9-2.9	1.51
Energy consumption paint shop	MWh per vehicle	0.8-1.2	0.92
Paint shop energy consumption as proportion of total plant energy consumption	%	38-52	61 <sup>3</sup>

<sup>3</sup> The higher value results from the low total energy consumption of the plant compared to the BAT reference value.

# LAND CONSUMPTION

A significant challenge in land management is integrating the new vehicle and engineering projects through the best possible use of existing land and buildings at the site. If the land capacities are not sufficient, additional land is leased nearby and added

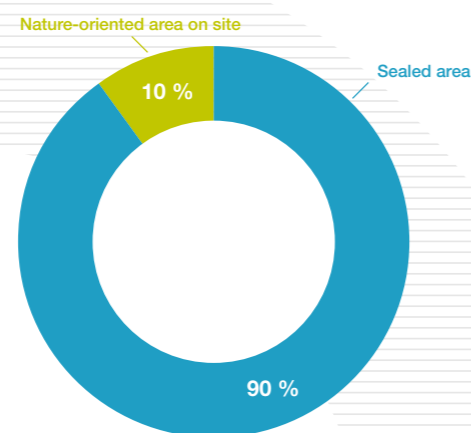
to the reported land consumption. The areas are broken down into sealed and nature-oriented areas. The area data is recorded by category and site in the CAFM system and is updated monthly.

LAND CONSUMPTION	UNIT	2019	2018	2017	2016	2015
<b>Core indicator</b>						
Land consumption in relation to biological diversity <sup>1</sup>	m <sup>2</sup> per vehicle	4.91	5.14	8.73	9.43	6.42

1) Input quantity: sealed area

## Distribution of land use 2019

The green areas make up roughly a tenth of the total area of the site.



# NOISE

Noise describes sound that may have a disturbing or stressful impact on people and the environment because of its volume and nature. Noise-relevant areas such as internal transport and operating systems are taken into account in the planning and official authorization process.

The relevant areas and their sources of emissions are approved in the commercial licensing of the production plant. The local noise situation in Graz Thondorf is largely determined by the A2, the highway feeder and the Liebenauer Hauptstraße.

The noise emissions of the production plant do not stand out in the local noise situation. The roads listed are the main contributors to the noise level in the adjacent neighborhood. The individual noise emission and immission points are recorded in the CAFM system. The external sites have only minimal processes relevant for noise.

Emission measuring points have been defined in Graz Thondorf for checking compliance with the emissions values. The approved values for the specific noise emissions differ between day and night.

# AIR EMISSIONS

Air emissions are air pollutants which can have an environmental impact. Air emissions can be of natural and human (anthropogenic) origin. Air emissions at the Graz Thondorf site come mostly from the paint shop. The solvent emissions are generated from the use of solvent-based materials in the paint shop. The carbon dioxide and nitrogen oxide emissions come from the burning of gas for heating the air intake to the paint booths, for operating the drying ovens and for the heat supply for the site. Activities at the external sites primarily consist of storage and production on a smaller scale, relevant

air emissions only arise at the Köglerweg site. The individual air emissions points are recorded in the CAFM system.

Greenhouse emissions from all Magna sites around the world are collected by Magna Int. using the HSELinX system and are reported to the Carbon Disclosure Project (CDP).

AIR EMISSIONS	UNIT	2019	2018	2017	2016	2015
<b>Core indicators</b>						
Solvent emissions <sup>1</sup>	kg per vehicle	1.12	1.15	1.31	1.30	1.10
Carbon dioxide <sup>2</sup>	kg per vehicle	180	196	359	364	251
Nitrogen oxides <sup>3</sup>	kg per vehicle	0.21	0.18	0.25	0.25	0.23
Dust <sup>4</sup>	kg per vehicle	0.05	0.05	0.05	0.05	0.05

1) Input quantity: Solvent emissions from measurement and projection  
2) Input quantity: Carbon dioxide emissions under the Emissions Certificate Act (including heat supply)  
3) Input quantity: Nitrogen oxide emissions (incl. heat supply)  
4) Input quantity: Dust emissions

## Legal emissions limit values, emissions reference values from BAT document and measurement values 2019 (paint shop)

TYPE OF EMISSION	UNIT	LIMIT VALUE (LAW)	REFERENCE VALUE (BAT)	MEASURED VALUE
Solvent	g/m <sup>2</sup>	35	10-35	13.6 <sup>3</sup>
Total carbon according to TNV <sup>1</sup>	mg/Nm <sup>3</sup>	30	not specified	0.3-10.9
Total carbon <sup>2</sup>	mg/Nm <sup>3</sup>	75	not specified	1.0-51.2
Carbon monoxide according to TNV	mg/Nm <sup>3</sup>	100	not specified	2.7-87.5
Nitrogen oxides according to TNV	mg/Nm <sup>3</sup>	100	not specified	35.0-97.2
Dust	mg/Nm <sup>3</sup>	3	< 5	0.2-1.5

1) TNV = Thermal afterburner  
2) Measured in the exhaust air of painting booths. The measurement results are taken from approx. 90 individual measurements on various sources of emissions.  
3) Calculated value

With the air emissions, all values are within the scope of the specified limit and reference values.

STRATEGIC GOAL	TARGET DATE	STATUS 2019	SDG REFERENCE	MEASURES (EXCERPT)
CO <sub>2</sub> -neutral production	2022	in process	13	Annual energy efficiency program; evaluation for transition to CO <sub>2</sub> -neutral energy sources; market analysis for compensation measures



# WASTEWATER

The individual wastewater collection points are divided into industrial, fecal, and surface water. All wastewater at the Graz Thondorf site is discharged entirely into the Graz-Gössendorf purification plant (indirect discharger) through the mixed wastewater system, whereby these volumes are calculated for all relevant records. The quantities at external sites are calculated based on the number of personnel and only include fecal water, as surface water falls under the responsibility of the particular tenants.

Industrial wastewater, which mainly comes from the body pretreatment area, is mostly contaminated with heavy metals (zinc, nickel, manganese) and organic pollution (oils, greases, etc.). These are cleaned in the company's own wastewater purification plant before being discharged into the mixed sewage system. Compliance with the limit values is repeatedly monitored by independent, external experts. The sewer infrastructure and the transfer point of the Graz Thondorf site is measured in the CAFM system.

## Legal emission limit values, emission reference values from BAT document and values 2019 (paint shop)

SUBSTANCES IN WASTEWATER AND WASTEWATER QUANTITIES <sup>1</sup>	UNIT	LIMIT VALUE (LAW)	REFERENCE VALUE (BAT)	MEASURED VALUE <sup>2</sup>
Adsorbable organically bound halogens (AOX)	mg/l	1	0.1-0.5	0.11
Nickel	mg/l	0.4	0.2-2	0.01
Zinc	mg/l	1.1	0.2-2	0.01
Manganese	mg/l	0.9	not specified	0.08
Fluoride	mg/l	20	not specified	10.1
Sulfate	mg/l	400	not specified	79.2
Sulfite	mg/l	10	not specified	not measurable <sup>4</sup>
Hydrocarbons <sup>3</sup>	mg/l	15	not specified	0.07
Ammoniacal nitrogen	mg/l	200	not specified	7.7
Chemical oxygen demand	mg/l	15,000	not specified	90
Industrial wastewater per day	m <sup>3</sup>	456	not specified	234
Industrial wastewater per year	m <sup>3</sup>	139,000	not specified	69,830

1) Chrome is not relevant, as it is not used  
 2) Average from external inspections  
 3) Measured as hydrocarbon index  
 4) Value not measurable because the content is below the detection limit

With the emissions in wastewater, all values are within the range of the specified limit and reference values.

# WASTE GENERATION

Waste management has particular significance on account of the wide range of waste fractions generated. In addition to economic and social components (e.g. scarcity of resources, dependence on imports, value creation), the efficient handling of residual materials and corporate environmental protection is a central issue for Magna Steyr Graz.

Regular employee training and the associated raising of awareness concerning waste avoidance and separation play a key role. Waste collection containers are placed at strategic points to allow the proper sorting of various recyclable materials. The requirements for the proper collection and disposal are fulfilled in conjunction with authorized waste collection and transport specialists. The waste

volume is recorded in the MEPIS system using amounts weighed and is evaluated monthly.

Reference to the applicable Best Environmental Management Practices (BEMP) in the industry-specific reference documents:  
 The best practices for waste management have been considered and evaluated internally. The recommended indicators are already taken into account and are evaluated regularly. The implementation of a comprehensive waste strategy with monitoring and the development of targets for improvement form an integral part of our regular communication with the disposal service provider and the updating of waste management concepts as well as the environmental program.

AMOUNT OF WASTE GENERATED	UNIT	2019	2018	2017	2016	2015
<b>Core indicators</b>						
Hazardous waste for disposal <sup>1</sup>	kg per vehicle	4.14 <sup>5</sup>	7.69	10.8	12.8	9.7
Hazardous waste for recovery <sup>2</sup>	kg per vehicle	9.19 <sup>6</sup>	6.13	8.68	4.96	2.91
Non-hazardous waste for disposal <sup>3</sup>	kg per vehicle	0.01	0.01	0.07	0.04	0.09
Non-hazardous waste for recovery <sup>4</sup>	kg per vehicle	52.15 <sup>7</sup>	61.8	84.35	71.26	48.27

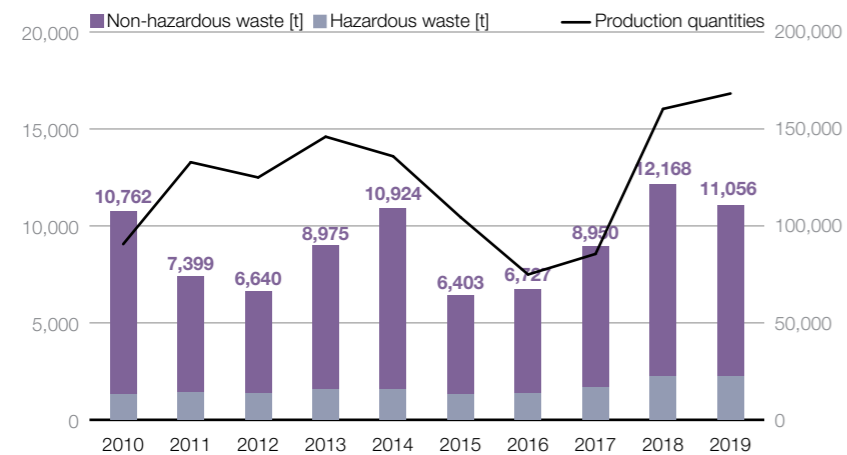
1) Input quantity: Volume of hazardous waste for disposal excl. construction and disassembly activities  
 2) Input quantity: Volume of hazardous waste for recycling excl. construction and disassembly activities  
 3) Input quantity: Volume of non-hazardous waste for disposal excl. construction and disassembly activities  
 4) Input quantity: Volume of non-hazardous waste for recycling excl. construction and disassembly activities  
 5) The lower value compared to 2018 results from the modified disposal processes.  
 6) The higher value compared to 2018 results from the modified disposal processes.  
 7) The lower value compared to 2018 results from the reduced waste volumes due to optimized and modified production processes.



# STAFF MOBILITY

## A SURVEY ON MOBILITY TO GET TO AND FROM WORK

### Waste volumes - total

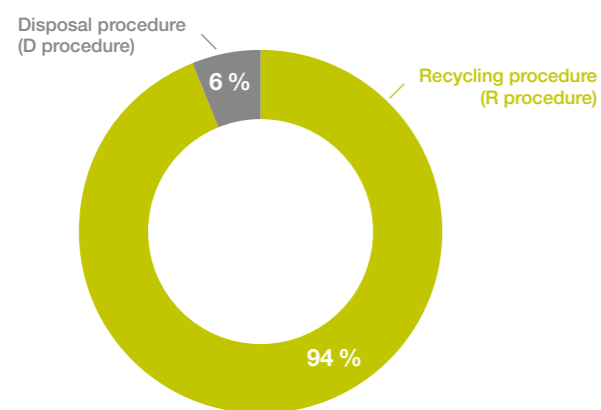


Waste volumes decreased in 2019 due to optimized and modified production processes. The waste volumes from construction and disassembly activities are not included in these statistics.

To get an overall picture of the current situation concerning staff mobility, the mode of transport being used and the current requirements of the employees at the Graz site, a survey was conducted in September 2019. More than half of the staff, therefore over 5,000 employees, took part in this survey and provided a valuable overview of staff mobility.

As a socially conscious employer, it is important to Magna Steyr to offer an attractive working environment to all employees that is tailored to their needs. The goal of the company is therefore to recognize where personal travel to and from the place of work can be improved and to implement the resulting measures. Based on the results of this travel survey, a total of five working groups have been created to focus on connection with and the promotion of public transport, connection to the cycle path network, a ridesharing program for carpooling and direct Magna bus routes. These five themes have been defined as environmental objectives and are incorporated in the environmental program 2020.

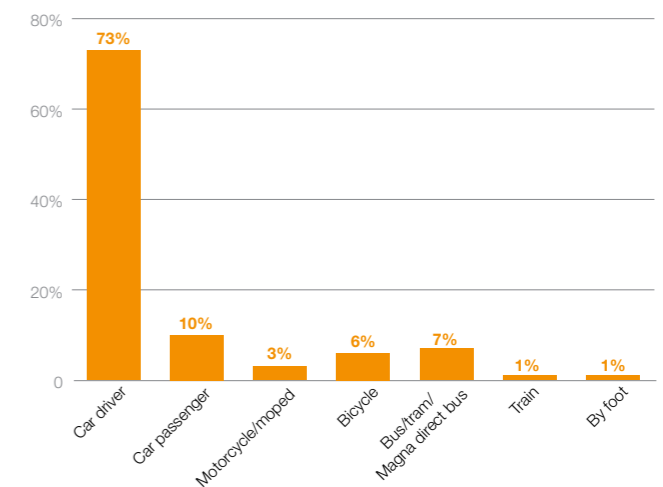
### Proportion of recycling and disposal procedures 2019



In 2019 the proportion of waste disposed of in the recycling process was 94 %. The waste volumes from construction and disassembly activities are not included in these statistics.

The survey, which was conducted in collaboration between human resources, the works council and Infrastructure Management, was completed using an online survey tool as well as in print form. Along with questions about the choice of transport, the survey also included questions regarding stationary traffic, alternative modes of transport and measures that are desired by the employees. The questionnaires were evaluated in partnership with an external service provider.

### Main mode of transport to get to and from work (Modal Split):



The survey results, which are an important basis for the promotion of environmentally friendly staff mobility, are summarized as follows:

- 73 % of those surveyed drive their own car, 10 % are car passengers, 8 % use public transportation, 6 % travel by bicycle
- The willingness of car drivers to change to public transportation is 30 %, and of car drivers to transfer to car passengers is 17 %
- Stationary traffic (distance/number of parking spaces) is overwhelmingly rated as positive
- Different measures are preferred depending on mode of transport and distance between residence and workplace

STRATEGIC GOAL	TARGET DATE	STATUS 2019	SDG REFERENCE	MEASURES (EXCERPT)
Increase of recycling rate to 95 %	2020	in process	12	Persuance of the Zero Waste program

# SOCIAL RESPON- SIBILITY

## Magna as part of society

Sustainability is concerned not only with the company and its processes and products, but also with giving something back to the communities in which we are active.

Deeply rooted in our unique "Fair Enterprise Culture" is the commitment to socially conscious action that recognizes the commitment and efforts of employees who are the key to the success of the business all over the world.

# WE INVEST IN PEOPLE

## SPORTING SPIRIT AT THE 7<sup>TH</sup> MAGNA STEYR RUN

**On July 7, 2019, the Magna plant site was once again turned into a unique running track**

Some 620 participants, among them many keen children and teenagers, gathered at the start line in pleasant temperatures for the 7<sup>th</sup> Magna Steyr Run which led through the grounds and halls of the Graz site. It was a unique opportunity to bring the company premises to life and also to experience the company's own test track in a whole new light – together with co-workers, family members and friends. This is because it could be run not just



individually, but also in teams of 2, 4 or 8. In addition to Magna employees, external companies with a workplace at the site were also able to prove their running skills. For all of those who preferred a bit of a gentler approach, the 5.27 km course was available as a Nordic walking track.

## HERE'S TO THE 2019 MAGNA LONG SERVICE AWARD WINNERS

**On September 19, 2019, long-serving Magna employees were honored at a festive anniversary celebration**

With their extensive experience and competence, long-serving employees play a very special role at Magna Steyr. With this in mind, employees with 25, 35 and 45 years of service were once again specially recognized in 2019 in an anniversary celebration. Guests were taken on a tour through time through the employees' early years with the company, to 1974, 1984 and 1994 – and the tour of musical hits from the period, paired with major events in the history of Magna Steyr, such as the launch of the jeep Grand Cherokee 1994, was great fun. As guests of honour, the employees themselves were

the focus of the fun evening – whether it was by appearing in surprise videos taken at their work stations or live on stage.



## PARTNERSHIP WITH NEW GRAZ SCIENCE CENTER

**The “CoSA” was opened in fall 2019 – with active support from Magna**

After an intensive four-year planning phase, the CoSA (Center of Science Activities) celebrated its opening on October 19, 2019 in the Joanneum district. The goal of the first Science Center in Austria is to introduce young people from the age of 12 to technology and the natural sciences in the form of extraordinary experiences - e.g. with show experiments, an “Escape Room”, fascinating journeys in “Space & Deep Sea” and much more. It



is an innovative approach that is very important for the skilled workers of the future and which Magna is happy to support as an official CoSA partner. And naturally all of this comes with an interactive experience. In the “CoSA” technology section, guests have an opportunity to try their hand at being a developer and design a fantasy vehicle. Loads of creative and exciting ideas are guaranteed!

## PREVENTIVE MEDICAL SCREENING AT THE GRAZ PLANT

**In May 2019, Magna Steyr opened its own rooms for preventive health screening of its employees.**

With the motto “Prevention is better than cure”, Magna Steyr has been offering a special service for employee health since 2019. As the first company in Austria, it offers annual preventive health screening in cooperation with the Styrian Regional Health Insurance Fund, free of charge at the Graz location and during working hours! Since the pilot project began in 2017, more than 600 employees



have taken advantage of the opportunity for their preventive screening, consisting of lab tests, medical examinations, as well as a consultation and diagnosis interview, at the plant site. Around 70 % of participants have indicated so far that without this on-site offering they would not have had preventive screening, which underscores the importance of the promotion of health within the company.

## LIFE-SAVING DEFIBRILLATORS FOR AUSTRIAN MOUNTAIN RESCUE

**Magna Steyr supports the Graz station in its first-aid measures on the Schöckl**

In October 2019, Magna Steyr presented two defibrillators to the Graz mountain rescue station, supporting first-aid personnel on the Schöckl mountain in future first-aid operations in cases of cardiac arrest. The two automatic, external defibrillators (AED) were integrated into the first-aid backpacks and are ready for use in case of emergency at the mountain or valley stations on the Schöckl. This significantly improves the chances of survival following a cardiac arrest. Helmut Wagner,

General Manager Business Unit G Magna Steyr, presented the defibrillators to the mountain rescue team on behalf of the company and thanked the many volunteer rescue personnel for their tireless efforts.



# COMPLI- ANCE

## Promoting integrity

Integrity, fairness and respect are the foundation for our activity in all of the countries where we do business and are indispensable for a sustainable global automotive company.

# COMPLIANCE MANAGEMENT

To ensure compliance with all binding obligations, a Compliance Management Process has been developed and rolled out in the company. This process includes such aspects as the binding obligations of environmental management and is supported by the legal database "gutwin". This legal database is based on the legal and decision register. The EU directives and regulations relevant for the company as well as the national and regional laws and directives are made available by the service provider.

In addition to the legal information, the company's obligations are derived in the form of "gutwin legal obligation tasks", provided in the legal database and assigned to the relevant persons within the company as part of the compliance management process. Magna Steyr Graz is affected by 200 laws and directives. These have led to the formulation of 1,300 "gutwin legal obligation tasks" rolled out within the organization. Legal changes are continuously evaluated and relevant content is shared with the responsible persons.

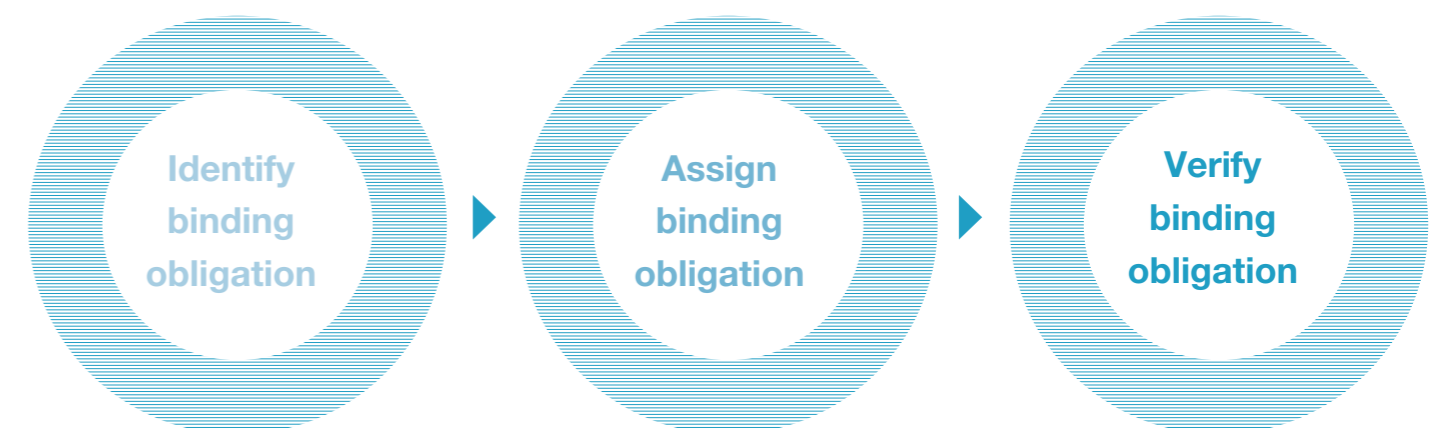
The legal register developed for Magna Steyr Graz includes the following **areas of legislation:** waste law, remediation of contaminated sites, occupational health and safety, construction law, soil protection, fire safety, chemical law, railway law, electrical engineering, energy efficiency, dangerous goods law, commercial law, immissions and emissions protection, boiler law, pressure equipment, road traffic law, nature conservation, explosives and weapons law, criminal law, radiation protection, environmental information law, environmental management, environmental organization law, environmental impact assessment, water law.

Along with the legal information, decisions from official approval processes are tracked in the decision register. Because of the long history of the site, some 1,400 decisions have already been obtained, from which 2,600 "gutwin decision tasks" and 9,400 "regulatory plant inspections" have been rolled out within the organization through the SAP

maintenance system. This ensures compliance with and verification of the regulatory requirements for installation and operation. The "gutwin" database also contains **environmentally relevant corporate guidelines** and **obligations arising from contracts**, from which **160 "gutwin tasks"** are derived.

Time and content-specific implementation of "gutwin tasks" and "regulatory plant inspections" is evaluated each month using a key performance indicator which is reported to top management. In 2019, the strategic goal associated with this was achieved. Compliance with the binding obligations was verified in 2019 through the EMAS audit and the CO<sub>2</sub> audit carried out by TÜV Austria, the ISO 14001 system audit by Bureau Veritas and the environmental inspection of the IPPC system conducted by the Province of Styria.

Along with the implementation of the obligations already in effect, there were also new environmentally relevant requirements to be taken into account in 2019. The provision of documents for the new EU emissions trading period 2020-2030 and obtaining a new decision for the issuance of emissions certificates are of critical importance for the company. The review of requirements from the drafts on the revision of the reference document on **best available technologies (BAT) for surface treatment with solvents** was conducted during the period 2017 to 2019 and was decisive in allowing timely preparations to be made within the company.



Simplified illustration of the Compliance Management Process

# ENVIRONMENTAL PERFORMANCE 2019

The following environmental achievements are allocated to the environmental aspects. Apart from the objectives and measures, the list shows the degree of fulfillment in relation to the target set and the department responsible for implementation.

NO.	OBJECTIVE	MEASURE	FULFILLMENT IN %	RESPONSIBLE DEPARTMENT
<b>Energy consumption</b>				
1	Reduction of energy consumption for the generation of compressed air in Hall 82	Switching off the compressed air in non-production time	100	Business Unit H
2	Reduction of energy consumption for the generation of compressed air in Hall 82	Check the compressed air infrastructure and compressed air consumer units for leaks and organize repair measures	101	Business Unit H
3	Reduction in electrical energy consumption of the heat lamps in Hall 82	Creation of a plan for the use of alternative heat lamps on the production line and testing of automatic switch-off in non-production time	100	Business Unit H
4	Reduction in electrical energy consumption through the optimization of line lighting during break times in Hall 82	Erection of a light control unit for light switching	100	Business Unit H
5	Reduction in electrical energy consumption in non-production time by approx. 50 %	Reduction in energy use through targeted measures taking into account the existing general conditions	16	Business Unit H
6	Reduction in energy consumption for generating compressed air by avoiding losses through leakage in Hall 12 by approx. 10 %	Implementation of the measures specified in the January 2019 compressed air audit	100	Business Unit G
7	Reduction in electrical energy consumption for lighting in the frame assembly area in Hall 12	Installation of a switch-off option for workplace lighting	100	Business Unit G
8	Reduction of electrical and heat energy consumption by optimizing loading and sealing of the carton press at the docks in Hall 12 by approx. 6 %	Preventing cooling of the relevant area in the winter months thus reducing switch-on times for gate ventilators	100	Business Unit G
9	Reduction in electrical energy consumption in non-production time by approx. 50 %	Reduction in energy use through targeted measures taking into account the existing general conditions	35	Business Unit G
10	Reduction in electrical energy consumption in non-production time by approx. 50 %	Reduction in energy use through targeted measures taking into account the existing general conditions	66	Business Unit J
11	Reduction in gas consumption and heat energy consumption in the air supply system in Hall 8	Temperature reductions in cold weather and cooling during shutdown, and optimization of temperature in paint mixing rooms	116	Business Unit Painted Body
12	Reduction in electrical energy consumption in the air supply system in Hall 8	Replacement of filters in the air supply system and optimization of operating time	101	Business Unit Painted Body

NO.	OBJECTIVE	MEASURE	FULFILLMENT IN %	RESPONSIBLE DEPARTMENT
13	Reduction in electrical energy consumption and improved air-conditioning in the Aerospace Puchstraße production rooms	Optimization of room ventilation by adjusting the ventilation system and controls	100	Aerospace
14	Reduction in heat energy consumption in Hall 12 by approx. 12 %	Optimization of the heat supply systems; remark: implementation is planned for 2020 (continuation as environmental objective 2020)	0	Infrastructure Management
15	Reduction in heat energy consumption in Hall 12 by approx. 78 %	Optimization of the ventilation system in the office and sanitation area	100	Infrastructure Management
16	Reduction in heat energy consumption by the heat supply systems at the Graz site by approx. 0.2 %	Adjustment of the heat supply systems	33	Infrastructure Management
17	Reduction in electrical energy consumption in non-production time by approx. 50 %	Reduction in energy use through targeted measures taking into account the existing general conditions	24	Infrastructure Management
18	Reduction in heat energy consumption in non-production time by 50 %	Reduction in energy use through targeted measures taking into account the existing general conditions	26	Infrastructure Management
19	Conversion to a vehicle of the company's fire brigade with lower fuel consumption and associated CO <sub>2</sub> saving	Replacement of the company's fire brigade vehicle	100	Infrastructure Management
20	No more journeys by the company's fire brigade to the nearest refuelling station for respirator air and associated CO <sub>2</sub> saving	Acquisition of an internal filling system for respirator air (compressed air breathing apparatus) leading to the end to approx. 45 journeys per year to the professional fire brigade of the City of Graz	100	Infrastructure Management
<b>Waste generation</b>				
21	Reduction in waste disposal costs for solvent-water mixtures through separate collection in defined areas	Collection of solvent-water mixtures as solvent mixtures through organizational measures	100	Business Unit Painted Body
22	Conversion of landfill procedure to recycling procedure for solvent-water mixtures and associated increase in recycling ratio	Clarification of the required general conditions for changing the procedure within the framework of the Zero Waste project	100	Infrastructure Management
23	Reduction in waste volume of circulation parts	Implementation of collection stations for additional circulation parts for return to suppliers when the production peak for the new product is reached	100	Business Unit H
24	Reduction in waste disposal costs through optimization of disposal journeys in Business Unit H	Optimization of and reduction in number of waste bins when production peak for the new product is reached	100	Business Unit H
25	Increased discipline in waste separation for employees in Business Unit H	Training of all production employees concerning proper waste separation	100	Business Unit H
26	Reduction in waste disposal costs in Business Unit J	Implementation of various measures for reducing waste and optimizing collection logistics	33	Business Unit J

# ENVIRONMENTAL PROGRAM 2020

The following environmental targets are allocated to the environmental aspects. Apart from the objectives and measures, the planned implementation date is shown, as well as the area responsible for implementation.

NO.	OBJECTIVE	MEASURE	FULFILLMENT IN %	RESPONSIBLE DEPARTMENT
27	Increased discipline in waste separation for employees in Business Unit J	Training of approx. 1,400 employees from Business Unit J concerning correct waste separation; note: Implementation is planned for 2020 (continuation as environmental objective 2020)	0	Business Unit J
28	Reduction in waste disposal costs in Business Unit G	Implementation of various measures for reducing waste and optimizing collection logistics	100	Business Unit G
<b>Transport</b>				
29	Use of an electric-powered truck in logistics and associated CO <sub>2</sub> saving of 14 tonnes per year	Use of an electric-powered truck instead of a diesel truck for shuttle operations between Thondorf and Messendorf	67	Manufacturing Engineering & Logistics
30	Use of a liquefied natural gas-powered (LNG) truck in logistics and associated CO <sub>2</sub> saving of 82 tonnes per year	Use of a liquefied natural gas-powered (LNG) truck for vehicle body transport between Graz and Maribor-Hoče	77	Manufacturing Engineering & Logistics
31	Increase in capacity for vehicle body transport between Graz and Maribor-Hoče and associated CO <sub>2</sub> saving of 272 tonnes per year	Use of extra-long trailers together with liquefied natural gas-powered (LNG) trucks achieving transport of six bodies per journey rather than four	85	Manufacturing Engineering & Logistics
<b>Staff mobility</b>				
32	Analysis of the mobility behavior of employees for the way to work ("Modal Split") as basis for possible follow-up activities in order to promote environmentally friendly staff mobility	Creation of a survey for employees, analysis of the data gathered and evaluation of possible measures	100	Human Resources
33	Use of electro-mobility for business trips to external sites and associated CO <sub>2</sub> saving of approx. 7 tonnes per year	Continuation of the use of 8 BMW i3 vehicles and specific recording of CO <sub>2</sub> savings based on the stabilised operation of the E-vehicle fleet in 2019 after successful implementation of the concept in 2018	88	Infrastructure Management
<b>Product development</b>				
34	Creation of basic knowledge concerning environmentally friendly product development among new employees of the Engineering Center Austria	Inclusion of the Ecodesign training package into the training plan as a mandatory course	100	Engineering Center Austria
35	Creation of the requirements for individual training as part of environmentally friendly product development in addition to the existing E-learning course on Ecodesign	Development and introduction of face-to-face training on environmentally friendly product development and Ecodesign for Engineering Center Austria employees	100	Engineering Center Austria

NO.	OBJECTIVE	MEASURE	IMPLEMENTATION DATE	RESPONSIBLE DEPARTMENT
<b>Material consumption</b>				
1	Reduction of the environmental risk in the media storage area in Hall 81	Installation of fill level monitoring incl. systematic connection of warning message to plant control system	Feb. 2020	Business Unit H
2	Reduction of the environmental risk in the outdoor area of Hall 12	Upgrade of the external tank for glysantine and elimination of the manual refuelling process	Aug. 2020	Business Unit G
3	Reduction in use of materials with CMR classification <sup>1</sup> by 5 % and associated reduction of hazardous materials in the material technology lab	Checking and reduction of chemicals containing CMR-relevant substances in the material technology lab, as well as proper disposal	Oct. 2020	Quality Management
4	Reduction in materials used or material quantities by 5 % and associated reduction of hazardous materials in the material technology lab	Checking the chemicals in the materials technology lab for potential hazard and required quantities, determination of optimal order quantities and container sizes, as well as proper disposal of discarded materials	Oct. 2020	Quality Management
5	Reduction in material usage for paper prints through the use of electronic workflows instead of paper documents resulting in savings of approx. 25,000 paper prints	Implementation of electronic workflows incl. drawing function for various internal processes such as order requests, confidentiality agreements, employment instructions, entry permits, etc.	Dec. 2020	Information Management
<b>Water consumption</b>				
6	Extension of the database for the analysis and evaluation of potential savings with regard to water consumption at the Thondorf site	Creation of a water supply plan in accordance with the Magna Environmental Principle (MEP) 3.3.01 and installation of 15 additional water meters	Dec. 2020	Infrastructure Management
<b>Energy consumption</b>				
7	Analysis of process- and infrastructure-related energy consumption (electricity, heat, compressed air) and formulation of saving measures	Conducting Energy Walks in collaboration with infrastructure planning, central maintenance, engineering maintenance and environmental officers in all halls in engineering with particular focus on energy-intensive plants	Dec. 2020	Engineering Center Austria
8	Reduction in electrical energy consumption in Hall 84 by approx. 45 %	Replacement of air-conditioning devices on ground floor and upper floor	May 2020	Infrastructure Management
9	Reduction in heat energy consumption in Hall 12 by approx. 7 %	Optimization of heat supply through replacement and networking of regulators	Dec. 2020	Infrastructure Management

1) CMR = carcinogenic, mutagenic, reprotoxic



<i>NO.</i>	<i>OBJECTIVE</i>	<i>MEASURE</i>	<i>IMPLEMENTATION DATE</i>	<i>RESPONSIBLE DEPARTMENT</i>
10	Raising awareness among employees at the site on the topic of energy consumption	Preparation and distribution of a poster/sticker	Apr. 2020	Infrastructure Management
11	Reduction in electrical energy consumption in non-production time by approx. 50 %	Implementation of pending measures for the reduction of energy use while taking into account existing basic conditions (continuation from 2019)	Dec. 2020	Infrastructure Management
12	Reduction in electrical energy consumption in non-production time by approx. 50 %	Implementation of open measures for the reduction of energy use while taking into account existing basic conditions (continuation from 2019)	Sep. 2020	Business Unit H
13	Reduction in energy consumption for compressed air generation in Hall 82	Switching off the compressed air in non-production times, as well as implementation of compressed air audits	Sep. 2020	Business Unit H
14	Reduction in electrical energy consumption for production screens and lighting for social areas in Hall 12	Ongoing training on switching off monitors and lighting in social areas	Dec. 2020	Business Unit G
15	Reduction in electrical energy consumption in non-production time by approx. 50 %	Implementation of pending measures for the reduction of energy use while taking into account existing basic conditions (continuation from 2019)	Dec. 2020	Business Unit G
16	Reduction in electrical energy consumption in non-production time by approx. 50 %	Implementation of pending measures for the reduction of energy use while taking into account existing basic conditions (continuation from 2019)	Dec. 2020	Business Unit J
17	Raising awareness among employees in the Business Unit Painted Body on the topic of energy consumption	Training of 150 employees from planning, maintenance and production concerning energy consumption	Dec. 2020	Business Unit Painted Body
18	Reduction in energy consumption for compressed air generation	Optimization of compressed air generation	Dec. 2020	Business Unit Painted Body
19	Reduction in energy consumption for compressed air generation	Implementation of compressed air audits in all areas	Dec. 2020	Business Unit Painted Body
20	Reduction in gas consumption and heat energy consumption in selected paint booths by approx. 16 %	Reduction of supply air temperature in selected booths and optimization of the operating time	Feb. 2020	Business Unit Painted Body
21	Reduction of electrical energy consumption for process lighting in particular production areas of the Business Unit Painted Body	Creation of a plan for the transition of lighting to LED	Dec. 2020	Business Unit Painted Body
22	Create the conditions for the measurement of environmental impacts and environmental performance optimization in the Functional Department Information Management	Definition of environmentally relevant performance indicators and collection of data for 2019 (energy consumption from IT end devices for each energy class, number of copies, etc.)	Jun. 2020	Information Management
<b>Land consumption</b>				
23	Optimization of biodiversity at the Thondorf site by creating a flower meadow at the test track grounds	Creation of an approx. 6,000 m <sup>2</sup> flower meadow	Apr. 2020	Infrastructure Management

<i>NO.</i>	<i>OBJECTIVE</i>	<i>MEASURE</i>	<i>IMPLEMENTATION DATE</i>	<i>RESPONSIBLE DEPARTMENT</i>
<b>Air emissions</b>				
24	Reduction of two truck shuttle transports from the external Premstätten warehouse to Thondorf resulting in CO <sub>2</sub> savings of 117 tonnes per year	Reorganization of external warehouse transportation to Thondorf	Jun. 2020	Business Unit J
<b>Waste generation</b>				
25	Reduction of residual waste volumes in the administration buildings	Optimization and reduction of waste container volume and waste container quantity by implementing waste separation trainings	Jun. 2020	Infrastructure Management
26	Reduction of residual waste volumes by 20 %	Optimization and reduction of waste container volume and waste container quantity by implementing waste separation training	Jun. 2020	Business Unit H
27	Increase in waste separation discipline for employees in Business Unit H	Training of all production employees concerning proper waste separation	Aug. 2020	Business Unit H
28	Reduction of waste volumes through waste avoidance in the production areas of Business Unit H	Implementation of a special campaign of the company suggestion system on the topic of waste avoidance	Apr. 2020	Business Unit H
29	Reduction of residual waste volumes by 20 %	Optimization and reduction of waste container volume and waste container quantity by implementing waste separation training	Sep. 2020	Business Unit G
30	Reduction of residual waste volumes by 20 %	Optimization and reduction of waste container volume and waste container quantity by implementing waste separation training	Dec. 2020	Business Unit J
31	Increase in waste separation discipline for employees in Business Unit J	Training of approx. 1,400 employees in proper waste separation (continuation from 2019)	Dec. 2020	Business Unit J
32	Increase in waste separation discipline among employees in Business Unit Painted Body	Training of approx. 150 employees in proper waste separation	Dec. 2020	Business Unit Painted Body
33	Increase in waste separation discipline among employees in the department of Manufacturing Engineering & Logistics	Training of approx. 100 employees in proper waste separation	Nov. 2020	Manufacturing Engineering & Logistics
34	Reduction of the waste volume from dye penetration test and the cleaning process and associated reduction in waste costs	Analysis of alternative and more favorable disposal options	Jun. 2020	Aerospace
<b>Product development</b>				
35	Increase in awareness of environmentally friendly product development among 30 employees of the Engineering Center Austria	Conducting in-person training on the topic of environmentally compatible production development to supplement the existing Ecodesign E-Learning course	Dec. 2020	Engineering Center Austria
<b>Production process development</b>				

# OCCUPATIONAL HEALTH AND SAFETY ACHIEVEMENTS 2019

The occupational health and safety achievements listed below have been divided according to the TOP principle. "T" stands for technical implementation, "O" for organizational implementation and "P" stands for a target based on the personal protective equipment of the employees. Apart from the goals and measures, the degree of implementation is also shown, as well as the department responsible for implementation.

NO.	OBJECTIVE	MEASURE	IMPLEMENTATION DATE	RESPONSIBLE DEPARTMENT
36	Greater consideration for the criterion of energy efficiency in equipment procurement by creating an appropriate data basis	Creation of a data basis with reference values	Nov. 2020	Manufacturing Engineering & Logistics
<b>Transport</b>				
37	Reduction of truck journeys from supply to plant resulting in CO <sub>2</sub> savings of 141 tonnes per year	Increase in the fill capacity of the truck load carriers	Dec. 2020	Manufacturing Engineering & Logistics
38	Reduction of truck journeys from supply to plant resulting in CO <sub>2</sub> savings of 1,084 tonnes per year	Linearization of transport volume over two weeks instead of one	Dec. 2020	Manufacturing Engineering & Logistics
39	Reduction of truck journeys from supply to plant and the resulting CO <sub>2</sub> savings of 266 tonnes per year	Reduction of combined truck delivery by increasing the volume from one to two weeks and optimization of truck utilization	Dec. 2020	Manufacturing Engineering & Logistics
<b>Staff mobility</b>				
40	Support for the use of electromobility for visitors, suppliers and customers	Creation of two electric charging stations in the visitor parking area	Mär. 2020	Infrastructure Management
41	Communication of requirements by Magna Steyr Graz for establishing a better connection of the cycle path to the Thondorf site, especially within a radius of five kilometers	Description of the required optimizations and submission of the application to the responsible department at the city of Graz	Dec. 2020	Infrastructure Management
42	Reduction in the rate of commuters driving their own vehicles by promoting carpooling	Creation of a carpooling platform using a technical solution	Dec. 2020	Infrastructure Management
43	Reduction in rate of commuters driving their own vehicles through improved connection of public transport to the Thondorf site within a radius of up to 50 kilometers	Development of a plan for improved connection of public transport to the Thondorf site based on working hours	Dec. 2020	Human Resources
44	Reduction in rate of commuters driving their own vehicles through the expansion of free direct Magna bus lines for distances greater than 21 kilometers from the Thondorf site	Evaluation and adaptation of existing direct bus lines in relation to the routes and number of bus stops based on the needs of employees	Dec. 2020	Human Resources
45	Reduction in the rate of commuters driving their own vehicles by promoting public transport in the Graz region	Development of a plausible proposal for a Job Ticket for the employees of Magna Steyr Graz	Dec. 2020	Human Resources
<b>General</b>				
46	Raise environmental awareness among apprentices by introducing additional training/information campaigns	Presentation of environmental topics in Q1 and Q4 quarterly meetings and increase in information frequency from twice to four times per year	Dec. 2020	Human Resources

NO.	OBJECTIVE	MEASURE	FULFILLMENT IN %	RESPONSIBLE DEPARTMENT
<b>Technical</b>				
1	Reduction in measured radon concentration in the air in a control room and in a radiation application room	Installation of ventilation or connection to the existing ventilation on the first floor	100	Aerospace
2	Reduction in noise emissions in a production room	Installation of noise insulation in the air supply duct for the clean production zone in the production room	100	Aerospace
3	Reduction in accident risk on roads	Illumination of the roads below platforms and pedestals with min. 150 LUX and sensible integration into the hall light controls (inside and outside production time)	100	Business Unit H
4	Reduction in risk of injury (tripping/bending) by removing floor damage	Repair of floor damage	100	Business Unit J
5	Reduction in accidents in the pre-trim area	Use of an optimized gridded floor	100	Business Unit J
7	Improved ergonomics and optimization of use of the space in the office of the Global Complete Vehicle Manufacturing Center	Implementation of a pilot project on ergonomics in the office and creation of innovative office planning methods	100	Manufacturing Engineering & Logistics
8	Promotion of health in the workplace with a focus on reducing back problems	Renewal of office chairs and desks	75	Engineering Center Austria
9	Preventing fall injuries	Installation of anti-slip covers on defined stairways	100	Infrastructure Management
10	Preventing head injuries	Installation of foam covers on the inlet openings of the double floor at the medium-voltage switchgear for Halls 1, 2 and 3	100	Infrastructure Management
11	Preventing unannounced departure from the loading dock by trucks before loading/unloading is complete	Installation of electronic chocks in the dock area of Hall 10	100	Manufacturing Engineering & Logistics
<b>Organizational</b>				
12	Reduction in accidents in material management	Training of all employees in material management using specific training content	100	Business Unit G
13	Improvement in physical workload and ergonomics by conducting an evaluation	Collection of feedback from employees using an ergonomics dummy, including implementation of defined measures; note: implementation is planned for 2020 (continuation as occupational health and safety objective 2020)	50	Business Unit H

<b>NO.</b>	<b>OBJECTIVE</b>	<b>MEASURE</b>	<b>FULFILLMENT IN %</b>	<b>RESPONSIBLE DEPARTMENT</b>
14	Achieving the OSHA objectives in Business Unit J for 2019	Training of masters, zone managers, and all employees in EHS meetings, group discussions, and via infoboards; integration and implementation of occupational health and safety focus and roll-out of an action plan	95	Business Unit J
15	Education on skin protection for 60 employees who have contact with materials	Organization and implementation of two "skin protection days" in cooperation with General Accident Insurance Commission (AUVA)	100	Business Unit J
16	Erection of a safety corner in Hall 1	Planning and erection of a safety corner, with inclusion in the hall layout	100	Business Unit J
17	Education of employees on the subject of work-related accidents and improvements to ergonomics in the workplace	Implementation of EHS meetings, evaluations, group discussions, safety tours and campaigns on the subject of awareness-raising	95	Business Unit Painted Body
18	Reduction in occupational accidents in the maintenance areas of the Business Unit Painted Body by 20 %	Implementation of training courses concerning correct conduct when working in automatic and conveyor technology areas	90	Business Unit Painted Body
19	Reduction in occupational accidents on the paint line by 30 %	Evaluation of all workplaces in the paint line by weekly fixed dates	90	Business Unit Painted Body
20	Promotion of awareness-raising in respect of personal protective equipment, as well as cleanliness and order	Implementation of 30 tours in engineering	80	Engineering Center Austria
21	Promotion of awareness-raising in respect of fire safety	Implementation of fire safety training with participation of all employees from Infrastructure Management	100	Infrastructure Management
22	Promotion of awareness-raising in respect of occupational safety	Presentation of a best-practice example as part of the monthly information event held by Maintenance	100	Infrastructure Management
23	Completion of driving techniques courses by employees of Car Service	Participation by employees in a driving techniques course and first-aid course	100	Infrastructure Management
24	Improvement in first-aid knowledge	Implementation of a major campaign on first aid in collaboration with occupational health	100	Finance/Controlling
25	Improvement in ergonomics in the workplace for at least five workplaces	Implementation of workplace evaluations in Finance Engineering and replacement of five office chairs	100	Finance/Controlling
26	Achieving the OSHA objectives (focus on apprentice workshops) for 2019	Current implementation of safety instructions and education in group discussions; implementation of tours of the site with occupational medicine, safety experts and training masters	100	Human Resources

<b>NO.</b>	<b>OBJECTIVE</b>	<b>MEASURE</b>	<b>FULFILLMENT IN %</b>	<b>RESPONSIBLE DEPARTMENT</b>
27	Promotion of awareness-raising on the main subjects of accident prevention, health at work, fire safety, and occupational safety with a focus on reducing minor accidents in all apprenticeship years	Organization of an apprentice safety day	100	Human Resources
28	Optimization of the ergonomics of office workplaces for Functional Department Information Management employees	Advice to and education of employees as part of the tours together with occupational health and safety expert	100	Information Management
29	Multi-shift review of all departments of the Functional Department Quality Management with regard to the number of safety trustees and first-aiders	Training and replacement of safety trustees and first-aiders	100	Quality Management
30	Increase in the qualification of employees exposed to particular risks (for example high-voltage battery technology and airbags)	Implementation of EuP1 and EuP2 training courses and airbag training	100	Quality Management
31	Continuation and completion of the evaluations of all workplaces of the Functional Department Quality Management with regard to occupational safety and ergonomics	Workplace inspections and definition of measures with the medical officer, safety expert, works council and safety trustees	50	Quality Management



# OCCUPATIONAL HEALTH AND SAFETY PROGRAM 2020

The occupational health and safety objectives in the occupational health and safety program listed below have been divided according to the TOP principle. "T" stands for technical implementation, "O" for organizational implementation and "P" stands for a target based on the personal protective equipment of the employees. Apart from the goals and measures, the planned implementation date is shown, as well as the department responsible for implementation.

NO.	OBJECTIVE	MEASURE	IMPLEMENTATION DATE	RESPONSIBLE DEPARTMENT
<b>Technical</b>				
1	Promotion of health and ergonomics in the workplace	Replacement of office chairs and desks	Jun. 2020	Engineering Center Austria
<b>Organizational</b>				
2	Promotion of the integration of occupational safety to production process development	Comprehensive coverage of the occupational health and safety objectives, activities and results in production process development, as well as a checklist as part of the Magna Steyr Development System	Nov. 2020	Manufacturing Engineering & Logistics
3	Promotion of awareness-raising concerning proper handling of hazardous materials	Completion of awareness training by the attending safety officer and provision of training material (according to the different hierarchical levels)	Dec. 2020	Business Unit Painted Body
4	Promotion of continuous optimization using benchmarking	Organization and completion of benchmarking visits incl. information exchange between comparable operations	Dec. 2020	Business Unit Painted Body
5	Raising awareness of employees for the specific avoidance of frequent accident causes	Completion of a special campaign on accident prevention in selected departments with qualified external experts	Dec. 2020	Business Unit Painted Body
6	Reduction in occupational accidents in the maintenance areas of car body constructions of the Business Unit Painted Body by 20 %	Improvement in attitude of employees with regard to self-protection through training and rollout of an assisting device (workbook/brochure)	Dec. 2020	Business Unit Painted Body
7	Promotion of awareness-raising concerning the topic of general accident risks	Visualization of selected short videos via infoscreens and electronic display boards	Dec. 2020	Business Unit Painted Body
8	Promotion of awareness-raising among managers concerning fire safety	Conduction of fire safety trainings by the company's fire brigade	Dec. 2020	Business Unit Painted Body
9	Regular raising of awareness among employees on occupational health and safety	Dealing with general occupational health and safety issues as a major point in a two-week group discussion as well as incorporation into the Process Improvement Team	Dec. 2020	Business Unit Painted Body

NO.	OBJECTIVE	MEASURE	IMPLEMENTATION DATE	RESPONSIBLE DEPARTMENT
10	Reduction in accidents in the Pre-Trim area 2	Completion of quarterly focus training sessions (carelessness, sharp or pointed objects, bumping, slipping and foreign bodies) by the responsible safety specialist in group discussions	May 2020	Business Unit G
11	Reduction in response times to incipient fires	Completion of a fire safety exercise with the company's fire brigade for the planning area of Business Unit G	May 2020	Business Unit G
12	Avoiding accidents with screwdrivers	Completion of a focused evaluation of gloves and screwdrivers by the responsible safety specialist in the assembly area of Business Unit G	May 2020	Business Unit G
13	Identification and removal of danger zones in the production area of Business Unit H	Completion of a semi-annual safety walk (in the early and late shifts)	Dec. 2020	Business Unit H
14	Promotion of awareness-raising among employees of Business Unit H	Implementation of a special targeted campaign by AUVA ("hands well, all's well")	Sep. 2020	Business Unit H
15	Promotion of awareness-raising among employees of Business Unit H	Implementation of a special targeted campaign by AUVA ("Correct lifting and carrying")	Jul. 2020	Business Unit H
16	Improvement in physical work load and ergonomics	Collection of feedback from employees using an ergonomics dummy, definition and implementation of measures	Dec. 2020	Business Unit H
17	Raising awareness among 70 employees from Business Unit J concerning attentiveness/carelessness	Organization and delivery of a day of action on the topic "Attentiveness, care and coordination" focusing on fall prevention and fall training	Dec. 2020	Business Unit J
18	Raising awareness of all employees in Business Unit J on the topic of care in relation to forklift traffic	Formulation of training measures based on the training materials on the topic "field of vision analysis in internal traffic", holding of training courses or bringing up the topic in group discussions	Dec. 2020	Business Unit J
19	Reduction of accident risk through taking particular care and the use of safety equipment	Conduction of monthly awareness-raising trainings in group discussions in relation to the use of safety equipment (e.g. handrail on stairways)	Dec. 2020	Infrastructure Management
20	Reduction of accident risk through correct use of personal protective equipment	Conduction of monthly awareness-raising trainings in group discussions in relation to the use of personal protective equipment	Dec. 2020	Infrastructure Management
21	Reduction of accident risk through correct use of personal protective equipment during maintenance activities	Completion of the employee training "Personal protective equipment for fall prevention"	Dec. 2020	Infrastructure Management
22	Promotion of awareness-raising with respect to occupational safety among employees in the maintenance division of the engineering Center Austria	Qualification of an employee from maintenance in engineering as a safety trustee	Dec. 2020	Engineering Center Austria

<i>NO.</i>	<i>OBJECTIVE</i>	<i>MEASURE</i>	<i>IMPLEMENTATION DATE</i>	<i>RESPONSIBLE DEPARTMENT</i>
23	Promotion of awareness-raising regarding occupational safety at the management level and reduction of accidents in Prototype Body-in-White at the Engineering Center Austria	Qualification of three managers in Prototype Body-in-White as safety trustees	Dec. 2020	Engineering Center Austria
24	Promotion of awareness-raising concerning "Situational Awareness"	Completion of 40 safety tours in the Engineering Center Austria	Dec. 2020	Engineering Center Austria
25	Achieving the OSHA objectives (focus on apprentice workshops) for 2020	Implementation of ongoing safety training and education in group discussions; on-site tours with occupational health, safety experts and training instructors	Dec. 2020	Human Resources
26	Promotion of awareness-raising on the major subjects of accident prevention, health at work, fire safety, and occupational safety with a focus on reducing minor accidents in all apprenticeship years	Organization of an apprentice safety day	Jul. 2020	Human Resources
27	Completion of first-aid courses by four employees	Participation by employees in a first-aid course	Dec. 2020	Manufacturing Engineering & Logistics
28	Promotion of awareness-raising in respect of fire safety	Completion of a fire safety training course with the participation of a total of approx. 60 employees from the Manufacturing Engineering & Logistics department	Dec. 2020	Manufacturing Engineering & Logistics
29	Completion of work instructions for working with fumigated sea freight containers	Evaluation of whether and where fumigated containers can occur, evaluation of the risk and elaboration of measures as well as sharing of the information using safety orientation or work instructions	Nov. 2020	Manufacturing Engineering & Logistics
30	Optimization of ergonomics in the workplace	Completion of the evaluation of at least 30 work stations	Dec. 2020	Finance/Controlling
31	Optimization of ergonomics in office workplaces for Functional Department Information Management employees	Advice to and awareness raising for employees as part of the tours in collaboration with occupational medicine and the supervising safety expert	Dec. 2020	Information Management
32	Completion of first-aid courses by three employees	Participation by employees in a first-aid course	Dec. 2020	Sales & Marketing
33	Promotion of awareness-raising with respect to occupational safety among employees in Functional Department Sales & Marketing	Qualification of one employee as a safety trustee	Dec. 2020	Sales & Marketing
34	Promotion of awareness-raising in respect of occupational safety	Completion of a special campaign of the company suggestion system on the topic of near accidents and submission of 30 occupational safety-relevant improvement suggestions	Nov. 2020	Quality Management

<i>NO.</i>	<i>OBJECTIVE</i>	<i>MEASURE</i>	<i>IMPLEMENTATION DATE</i>	<i>RESPONSIBLE DEPARTMENT</i>
35	Raising awareness of employees in the Functional Department Quality Management on the topic of accident prevention	Completion of a training in cooperation with other areas and external specialists	Nov. 2020	Quality Management
<b>Personal protective equipment</b>				
36	Reduction of cut injuries in the production area of Business Unit H	Test operation on the use of a touchscreen-capable glove in the area of material management with increased protection against cut and crush risks	Jun. 2020	Business Unit H



## Declaration by the environmental verifier on verification and validation activities

The undersigned, Dipl.-Ing. Peter Kroiß, Head of the EMAS environmental verification organization of TÜV AUSTRIA CERT GMBH, 1230 Wien, Deutschstraße 10, EMAS environmental verifier with registration number AT-V-0008, accredited for

### Group 29.10 “Manufacture of motor vehicles”

confirms having verified that Magna Steyr Graz, as stated in the consolidated environmental statement of the organisation

## Magna Steyr Fahrzeugtechnik AG & Co KG 8041 Graz, Liebenauer Hauptstrasse 317

with registration number AT-000159, meets all requirements of the regulation (EC) No. 1221/2009 of the European Parliament and of the Council dated November 25, 2009 on the voluntary participation by organizations in a community system for eco-management and audit scheme (EMAS) in the version of the Regulation (EU) 2018/2026 of December 19, 2018.

By signing this declaration, it is confirmed that

- the verification and validation were conducted fully in compliance with the requirements of regulation (EC) No 1221/2009 in the version of Regulation (EU) 2018/2026 of December 19, 2018,
- the result of the verification and validation confirms that there is no evidence of non-compliance with the applicable environmental regulations,
- the data and information in the updated environmental statement of the organization Magna Steyr Graz provide a reliable, credible, and correct image of all the organization's activities within the scope mentioned in the environmental statement.

This declaration cannot be equated with an EMAS registration. The EMAS registration can only be undertaken by a competent body in accordance with regulation (EC) No. 1221/2009. This declaration shall not be used as a stand-alone basis for informing the public.

Vienna, September 02, 2020

Dipl.-Ing. Peter Kroiß  
Senior environmental verifier



# IMPRINT

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In the interests of the legibility of texts, either the male or female form has been chosen for personal nouns. This in no way implies a disadvantage to the other gender. Women and men may feel equally addressed by the contents of the Magna Steyr Performance Report. Thanks for your understanding.

## IMPRINT

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