

2024 MOUNTAIN PRESS KIT

POMA, IN THE HEART OF THE MOUNTAINS





POMA, SUPPORTING THOSE SHAPING *the mountains of tomorrow*

As we move into spring, POMA takes stock of the ropeway systems built this year as well as its upcoming projects. In France and worldwide, technological choices reflect strong trends in the sector, focused on creating harmony between the mountains, the ski industry, and beyond. Resorts are adapting to match the expectations of their customers, and POMA supports regions as they work to develop their four-season activities, providing innovative solutions for the mountains and all those who live in, visit and respect them.



▶ SUPPORTING MOUNTAIN RESORTS AND THEIR CHALLENGES

High-performance, fast, silent, eco-friendly and comfortable transport systems that blend seamlessly into their natural environment constitute POMA's technological solution, always adapted to guarantee they are perfectly fit for purpose. A supplier of state-of-the-art ropeway transportation solutions, as well as being a solid partner, POMA helps resorts rethink their overall development, supporting them as they do what it takes to remain attractive in all seasons while respecting the environment and promoting their region.

Another major challenge, rethinking mobility to the peaks and in the heart of the mountains, constitutes a strategic focus that involves assisting ski resorts as they undergo a more profound transformation, becoming a true community and shifting from winter sports resorts to mountain resorts based on an eco-friendly model. Valley lifts and other peri-urban transport link-up systems play an important role in the overall approach to mobility in the mountains, ensuring the link between peaks, valleys and various high-altitude sites.

► ENERGY SOBRIETY, A DEFINING COLLECTIVE GOAL



The need to manage the ecological transition without delay is driving mountain professionals to act collectively to reduce their environmental footprint in both the short and the long term. Alongside operators, POMA is an established pioneer and leader in ropeway transportation systems **with the least environmental impact** throughout their entire life cycle.

At the heart of an innovative approach called **LIFE R'way**, POMA's commitment to making ropeway transportation increasingly virtuous translates into a selection of products and services that are even **more efficient and eco-friendly**, for a lower environmental impact.

All the technologies developed within the framework of LIFE R'way can be integrated into new installations as well as older machines. Options range from one-off **low-consumption** solutions, which can even be set up remotely, to the transformation of systems as part of more structural renovation operations. In every case, POMA offers its operator-customers the opportunity to combine **high performance and energy efficiency** with turnkey solutions.

Go to p.14 to find out more.

► THRILLING SKYRIDER CABINS

In response to the needs of its operators and mountain destinations, POMA also **helps resorts as they make their multi-season transition and diversify their activities**. In addition to supplying carriers specially adapted for transporting mountain bike equipment, for example, POMA is launching a new series of thrilling cabins called SkyRider, offering both holidaymakers and local tourists a new, **out-of-the-ordinary flying experience!** The SkyRider cabin comes in several sizes and offers several types of experience for sensations of free flight... in complete safety! In the SkyRider EVO cabin, standing passengers wear a harness and are free to move around, exposed to the exterior on all 4 sides of the cabin. Thrills guaranteed!

► E-PILOT OPERATING AID

E-Pilot is POMA's solution for assisting operators with their monitoring responsibilities, allowing them to focus on other tasks in the vicinity of the installation such as **welcoming passengers** and carrying out occasional maintenance tasks.

The E-Pilot technology acts as a control system, combining **remote supervision** of the installation with a set of **technical features** to manage operational **safety functions**.

5 POMA ropeways have been operating with **E-Pilot assistance since 2018**, which has allowed us to capitalise on valuable feedback in both mountain and urban environments. E-Pilot is a simple, reliable solution that lives up to operators' expectations. It addresses both the **technical and organisational aspects** of each operating environment for optimum ropeway availability.

In addition to product expertise, POMA also supports resorts by employing a specific, customised approach to make each project unique.

The backbone of any skiing area, each ropeway now gives consideration to more than just mobility, to become **the signature feature of a given site or area**. Resorts are vying with one another to be the most innovative in order to make a good impression and **offer the best customer experience**. As a result, in addition to meeting technical and capacity requirements, serious thought is also given to the appeal of cabins, chairs and stations. POMA has optimum solutions for meeting the environmental challenges of low, medium and high-altitude skiing regions.

In Valmorel and Serre Chevalier, in the French Alps, two gondola lifts have been equipped with POMA technology, enabling them to operate at speeds of 7m/s for the first time in France. These systems are extremely comfortable for users and offer great flexibility for operators, combining speed and energy savings, and a capacity that can be adapted to passenger flows.

La Plagne has a double-section gondola lift incorporating the very first eco-designed LIFE covering, a LIFE R'way innovation. Its many benefits include optimised water management and waterproofing, increased safety for operating teams, and a modern and customisable design!



▶ **PLANCHAMP - VALMOREL, FRANCE** 10-seater gondola lift

At the heart of the village, Domaine Skiabile Valmorel (DSV), a subsidiary of the Sofival Group, is fitting itself out with a brand new gondola lift for its main resort departure, replacing a 4-seater chairlift that dates back to 1997. The Planchamp gondola lift boasts 75 of the latest-generation **10-seater X-Line EVO cabins**, providing a capacity of 3,600 p/h and utmost comfort throughout the 4.5 minute journey, while offering a magnificent view of the Savoyard valley. The new line was completely redesigned for this new major ropeway in order to address all of the **safety and comfort** issues: 1 single section rather than the previous 2, an elongated station and wide tracks for loading skiers with ease, optimum journey time with **a nominal speed of 7 m/s** (one of the very first in France!), and the possibility of **operating throughout the year** in winds up to 25 m/s are among a range of custom-designed technical and aesthetic options implemented for the main ropeway departing from the village and providing access to the rest of the skiing area via the Combe de Beaudin.

► PONTILLAS - SERRE CHEVALIER, FRANCE

10-seater gondola lift

In Serre Chevalier, Pontillas marked the history of ropeways by becoming the first to inaugurate the double-monocable technology in 1983.

The high-performance 3.6 km DirectDrive gondola lift blends in fully with its environment, while offering an even more reliable, faster and more comfortable service, suitable for all passengers.

The Pontillas gondola lift runs at **7m/s**, to serve a new space dedicated to ski learning. This innovative relocation at an altitude of 2255 metres is based on the installation of a **pivotal system**, which must remain suitable for transporting skiers of all levels, and involves **revamping** the bottom of the resort. In a key sector, this choice marks the strategic orientation of the Compagnie des Alpes for Serre Chevalier, a state-of-the-art resort in terms of sustainable tourism development.



► GLACIERS - LA PLAGNE, FRANCE

10-seater gondola lift

The SAP, a subsidiary of the Compagnie des Alpes, has selected POMA to design and create the “Glaciers” gondola lift with 2 sections, that connects Plagne Bellecôte to the Glacier de la Chiaupe, creating a brand-new backbone for the skiing area. As part of an approach to preserve and develop the Glacier de la Chiaupe, the old ropeway installations were dismantled.

Located between 2700m and 3000m, the two sections of the new Glaciers gondola lift **can operate independently**, ensuring the connection in all weather conditions. Each section is equipped with 10-seater EVO 2 XLINE cabins and a DirectDrive® motor, offering passengers optimal comfort and a remarkable availability rate to enjoy an exceptional 360° panoramic view throughout the trip. The stations are fully integrated into this eco-efficient installation model, including the inauguration of the very **first LIFE station covering**, a POMA LIFE R'way innovation.

The Glaciers gondola lift is **suited to every season**, supporting the diversification of tourism activities in the Savoyard resort. Discover the Aérolyve experience, with the world's first SkyRider cabins installed on the Glaciers gondola lift, for breathtaking sensations of flight!



► **INNOVATING TO REFLECT REALITIES ON THE GROUND**

Operators turn to POMA teams not only to install new equipment, but also to manage the entire life cycle of their ropeways. Environmentally sustainable by nature, it is possible to move all or part of a ropeway in order to create a new one in line with new needs.

Ropeway renovation experts at POMA work closely with customers to design the most suitable solution. Transformations are adapted to the age and condition of the ropeways to guarantee that the machinery complies with safety standards and improve performance and overall comfort.

There are many advantages to this method, including a reduced maintenance budget and fewer administrative procedures. It increases the availability and initial value of devices while giving the site a more modern image in the eyes of customers. In addition, transforming an existing system is an opportunity to carry out an overall energy renovation.

ROC 1



► **LA GRAVE-LA MEIJE AERIAL TRAMWAY, FRANCE**
Renovation of a 6-seater aerial tramway

Since 1976, generations of La Grave skiers have used the small train of cabins on the La Grave-La Meije pulsed aerial tramway.

After replacing the cabins in the first section in 2019, new orange-coloured cabins were added to the second section of the line for the following winter season!

These new made-to-measure cabins are a fine example of POMA and SIGMA expertise, who redesigned the carriers to meet the technical specifications of the aerial tramway while complying with new safety standards.

They are the first 6-seater ski cabins to be fitted with sliding doors, making boarding easier and improving availability.

The resort is famous for freeriding, and these new cabins will allow winter sports enthusiasts and thrill-seekers to enjoy the exceptional setting while soaring to new heights in comfort and safety.



► **ROC 1 - LES MENUIRES, FRANCE**
Renovation of a 6-seater gondola lift

The Les Menuires resort in Savoie called on POMA to completely renovate all seventy-six of the eight-seater carriers on their ROC 1 gondola lift. 850,000 passengers use the ropeway each year, which opened in 2005. The main aim of the renovation was to improve the aesthetics of the cabins and of the station, which has been repainted, and to ensure overall unity for users. The various technical operations carried out to improve both its appearance and travelling comfort have given the gondola lift a new lease of life without having to fundamentally change its carriers, given that the prior technical diagnosis confirmed their full structural conformity. In order to ensure smooth operations throughout the summer, the refurbishment project was carried out in two stages. In addition, operations were finely synchronised to optimise the transport of the different batches between Les Menuires and the Sigma workshops in Isère.

The ROC 1 gondola lift in Les Menuires has now been completely modernised, while making best use of the original equipment in the most eco-responsible way possible.

Better still...

POMA has also developed a **year-round support service available seven days a week**. The dedicated team answers customer calls, covering all areas of technical expertise, and is on hand to diagnose damage and manage the various repairs.

► **LE VALLON - VAL D'ISÈRE - FRANCE**
Renovation of a 10-seater gondola lift

Vallon de l'Isèran, situated at the gateway to the Vanoise National Park, in the heart of the wild region of Le Fornet, will have its own new-generation gondola lift for the 2024/25 season. The renovation work currently underway will benefit users and is designed to be environmentally sound. 30 towers from the old gondola lift will be dismantled in order to clear the slope.

The new Le Vallon gondola lift will seat 10 passengers, compared with 6 previously, offering users a smooth and pleasant ride to the Pissailas glacier. The brand-new cabins will take you to an altitude of 3,185 metres in just 6 and a half minutes!



LIVING IN THE MOUNTAINS YEAR-ROUND, a regional challenge

► RETHINKING MOUNTAINS AND ACCESS

Tourism is becoming more diversified, the aim being to create more links between the high mountains, the middle mountains and the valley. And even beyond this, **valley lifts** are part of a **virtuous, multimodal mobility plan**, offering a sustainable way of travelling "the last leg," for all those making their way to the mountains from Paris or London... This involves supporting the entire ecosystem of a region, where environmental requirements are inextricably linked to a socioeconomic approach, and where improving inhabitants' quality of life is crucial.

Valley lifts serve **to connect the valley's transport system**. They provide quick, easy and pleasant access to the mountains, while also addressing additional challenges, for example by providing daily transport to and from establishments for employees (permanent and seasonal), school children and pensioners, etc., or even transporting equipment and waste. Naturally, valley lifts are also **a good carbon-free public transport solution** for the issue of mountain pollution, which results mainly from road travel to resorts.

Similarly, the ropeways connecting a resort's different levels and sites meet peri-urban mobility needs. Through its experience in ropeway transportation, in particular in urban areas, POMA has the resources to design particularly silent ropeways suitable for intensive use. POMA is therefore a privileged partner when it comes to **supporting regions** throughout all the phases of their mobility planning and design. In addition to building and installing valley lifts, POMA offers a host of related services, such as innovative predictive maintenance solutions and the integration of a concierge service for luggage and skis.



SKYVALL Valley Lift - Loudenvielle - FRANCE - 2019



► HUEZ EXPRESS - ALPE D'HUEZ, FRANCE

10-seater detachable gondola lift

Nicknamed "the Island of the Sun" due to the exceptional amount of sunshine it enjoys, Alpe d'Huez is one of Isère's major resorts, with an international reputation. Dominated by Pic Blanc with its summit at an altitude of 3330 m, the skiing area offers 250 km of ski runs, including the famous 16-km La Sarenne which starts at the very peak! The resort of Alpe d'Huez has always been at the forefront, and is now committed to developing **more sustainable peri-urban mobility solutions**.

Following the installation in 2018 of the Alpe Express detachable gondola lift, it's now time for the project's second stage, the Huez Express. This new connection, with 27 10-seater cabins, in conjunction with the 60 cabins of Alpe Express, forms a link covering nearly 2 km that **connects the village of Huez** at an altitude of 1450 m to the foot of the slopes at an altitude of 1860 m, via the resort's centre, passing over the main access roads. The lift is equipped with the **DirectDrive®** solution and the **Cable Position System**, an on-board safety device. This unique mode of transport is **the first peri-urban system** to operate without an agent in France.

The Alpe Express and Huez Express gondola lifts are the result of deliberations by Alpe d'Huez regarding the mobility service in order to promote **sustainable four-season mountain tourism**, complemented by new developments. **A multimodal transport solution**, a soft and sustainable alternative to the problem of road traffic density in the mountains.

► **CRÉMAILLÈRES EXPRESS - LUCHON
SUPERBAGNIÈRES, FRANCE**
10-seater detachable gondola lift

In the heart of the Pyrenees, the village of Luchon is gaining a brand new valley lift to link the spa resort to the skiing area at an altitude of 1800 m. After the old gondola lift's 30 years of service, the Crémaillère Express gondola lift is the new replacement offering **a more modern and sustainable mode of transport**. Travelling on this line, which for a long time had the biggest difference in altitude for a gondola lift in Europe, will now be like never before!

All year round, 2000 people per hour will be able to access the different activities in the resort and on the Superbagnères plateau, in outstanding comfort onboard the latest-generation **10-seater EVO cabins**.

The Crémaillère Express gondola lift is **a valley-resort link** that is accessible to all, **low-carbon and quick**, climbing 1150 m (with an average gradient of 49%) in just 8 minutes.

In keeping with its neighbouring community, Peyragudes, whose valley lift Skyvall has been a success since opening in 2019, the new Luchon Crémaillère Express gondola lift is part of a plan to modernise and attract tourism, central to regenerating spa areas in the Pyrenees.



► **SPA VALLEY LIFT, SAINT GERVAIS, FRANCE**

Two 10-seater detachable gondola lifts and an ecological inclined lift

Fully committed to sustainable mountain planning and development, Saint Gervais entrusted POMA with the construction of 3 installations, for delivery in summer 2024. A highly anticipated project, St-Gervais-les-Bains acquired a POMA valley lift to overcome the problem of heavy road traffic in the valley and offer inhabitants **a solution for their daily transport needs**, all year round, comfortably seated on board **EVO XLINE** cabins.

The 10-seater valley gondola lift bottom station will be located directly in the Fayet SNCF train station, offering a quick, low-carbon **multimodal connection** for both locals and holidaymakers to the centre of St Gervais and its skiing area, with just 8 towers on the line. As part of an overall project led by the STBMA, the 2nd part of the connection and the main route, which links up with the foot of the slopes directly (the current St Gervais DMC) will be replaced by a 10-seater, 7m/s detachable gondola lift.

A total of 4.3 km of ropeway transportation will make it possible to reach Le Bettex at an altitude of 1400 metres, from the valley's main road and rail access points, while enjoying stunning views of Mont Blanc.

DirectDrive, E-Pilot, ENDURANCE roller batteries and EFFILINER® liners... The STBMA has reached out to the Group once again, entrusting POMA and its subsidiaries with two elegant gondola lifts equipped with **performance-oriented and sustainable technology options**, including world-first LIFE R'way-labelled features on the brand new valley lift!

Constituting the third project in the new **sustainable mobility offer** in St Gervais, the town council is investing in an innovative, eco-friendly inclined elevator to connect the village centre and the thermal baths near Fayet. Unique in France, this innovative, eco-friendly system will be one of only a few in the world to operate **using waste water** and which, combined with a generator, will produce electricity in 80% of load cases, while transporting users between the thermal baths and the centre of Saint Gervais. As of summer 2024, visitors will be able to discover the new-look St Gervais, a destination 100% focused on providing **an innovative, sustainable mobility solution** for everyone.

A DIVERSIFIED OFFER, for a more responsible tourism model

► SUPPORTING MULTI-SEASONALITY

In addition to skiing, which remains the main focus, additional experiences must now be added to meet new expectations; resorts are aware of this, and **are innovating** to offer new activities to non-skiers, such as snowshoeing, sledging, kid-friendly infrastructures, mushing, wellness activities, mountain biking, outdoor sports, cultural events, etc. More generally, resorts are upgrading their facilities as part of a global development strategy to remain attractive in all seasons, while **respecting the environment** and **promoting their region**. POMA is supporting resorts in terms of ropeways and green transport to **connect** the sites where these new activities take place and offer **environmentally friendly mobility solutions** that address these multiple challenges. After all, rethinking mobility in the mountains will require assisting ski resorts as they undergo a more profound transformation from winter sports resorts into mountain resorts based on an eco-friendly model.



► 3S JANDRI - LES 2 ALPES, FRANCE - 2024

The Jandri is **the backbone** of the immense skiing area Les Deux Alpes. As the key link that underpins the region's appeal, it transports users all year round from the centre of the resort at 1650 metres right up to the foot of the mythical glacier at an altitude of 3200 metres.

To travel faster, more comfortably and more safely, SATA has made a particularly innovative choice and is investing in a superb **detachable tri-cable ropeway (3S)** system with 2 sections.

The new link will have only 7 towers for the **6-km line** and will be equipped with a **double DirectDrive®** motor to drive the entire system at a speed of **8 m/s**. This innovation from the Group runs without hydrocarbon fuels and generates a 5% reduction in the consumption of electric power while limiting noise emissions.

Reliable and fast, the Jandri 3S will benefit from an increased capacity of 1800 to 2800 pph initially (eventually 3000), i.e. **a journey time of only 15 minutes**, in remarkable comfort onboard spacious and elegant **Symphony cabins**. Thirty-five-place cabins **designed and made in France**, a creation of the famous Italian designer Pininfarina, will provide ultimate comfort for everyone, even the most connected users, since each cabin will be equipped with wifi. And among the 55 superb carriers, an exclusive VIP-type cabin will welcome lucky passengers for an exceptional journey.



► 6-SEATER CHAIRLIFT, LE MARAIS - TIGNES, FRANCE

The new Le Marais chairlift is about to be installed in the heart of the renowned Tignes skiing area. It is the result of a long-standing collaboration with STGM. It will depart from the same level as the Aiguille Rouge chairlift, built in 2022 by POMA, to arrive as close as possible to the impressive Aiguille Percée. It will be equipped with the **LIFE station** resulting from the **POMALIFE^rway** initiative, and marks STGM and POMA's joint commitment to an innovative, greener ropeway transportation solution. Its innovative **DirectDrive[®]** motor system will offer skiers an efficient and comfortable climb of over 2 km to the summit.

► 10-SEATER TRANSARC GONDOLA LIFT - LES ARCS, FRANCE

For departures from Arc 1800 in Paradiski, Les Arcs Domaine Skiable, a subsidiary of the Compagnie des Alpes, is replacing the famous Transarc for the 2024 season. Increased capacity and comfort are the main challenges driving the technical choices for the new 10-seater gondola lift, such as the **EVO Wide cabins** that will offer passengers a beautiful space to enjoy a silent trip, even at a remarkable speed of **7m/s**! The longer station will also make **loading smoother** on the straight sections and is better suited to all types of user, with a reduced speed of 0.21 m/s.

To transport 3600 people per hour up to an altitude of 2100 metres, where there is a majestic view from the Tarentaise to Mont Blanc, the new Transarc will be equipped with **DirectDrive[®]** technology and the **ECODRIVE** solution. The 2-section line over 3.3km will have 10 fewer towers than the previous line.

This investment is part of a retrofit plan, as is the replacement of two fixed chairlifts with a single gondola lift in Villaroger, in order to optimise access to the skiing area from the eponymous village.



► 10-SEATER TÉLÉVILLAGE GONDOLA LIFT - PEISEY-VALLANDRY, FRANCE

The Télévillage gondola lift project, initiated by ADS, is part of a renewal programme to replace the Lonzagne pulsed ropeway in the Les Arcs skiing area, at the heart of the Peisey-Vallandry resort. **Environmental integration** is a fundamental challenge for this project, which places a particular focus on ecosystem preservation. It is configured for comfortable boarding, with a low step speed and long door opening times, for **easier management of passengers boarding and unloading at the Peisey-Vallandry terminal**. The Télévillage gondola lift project was initiated as a means to efficiently and responsibly meet the resort's mobility and access needs, while also providing all resort users with a **smooth and convenient connection** to the Vanoise Express aerial tramway.

► 10-SEATER GONDOLA LIFT, VILLAROGER, LES ARCS, FRANCE

In 2025, the Villaroger gondola lift construction project, undertaken by ADS, will be launched as part of a major initiative to modernise the backbone providing access to the Les Arcs skiing area from Villaroger. It will replace 2 old POMA chairlifts departing from the foot of the slopes. Equipped with a **DirectDrive[®]** motor and **SmartBoard** control panel, the new gondola lift will operate at 7 m/s and integrate POMA's latest technological options, for guaranteed reliability and performance.

The Villaroger gondola lift will have **EVO WIDE 10-seater** cabins, promising passengers a comfortable travel experience. Significant site constraints have been taken into account, in particular because the bottom station sits beneath a high-voltage power line, which imposes additional technical challenges. By combining all these features, the Villaroger gondola lift aims to not only modernise but also significantly improve the overall experience offered to visitors to the Les Arcs skiing area.

POMA,
a FRENCH
value chain



▶ POMA, ROOTED LOCALLY ABOVE ALL

The Group is pursuing its development objective with increasingly efficient equipment to promote sustainable mobility.

POMA and its four industrial subsidiaries located in the Rhône-Alpes region, the group's historic birthplace, are reorganising their sites for optimal management of operations, **engineering, manufacturing, assembly and installation, to ensure global control of all rope transport projects, including engineering work.**

SACMI manages the production and pre-assembly of the mechanical subsystems; SEMER is in charge of electrical equipment and industrial automation; SIGMA designs and manufactures the cabins; and, finally, COMAG is responsible for on-site installation and equipment maintenance.

POMA thus has **integrated management of the entire value chain, from operations up to the service and maintenance** of the urban or tourist sites.

Since its installation in Gilly-sur-Isère in 2017, the performance of the new POMA industrial site has met the Group's ambitions, with continuous investments in cutting-edge machinery and technology.

In total, **235,000 sq.m of industrial area** for production activities, in Isère, Savoie and Haute-Savoie, where POMA has always maintained its roots, completely controlling the quality of its products locally and maintaining **a strong tie of proximity** with its customers.

The mountains are a valuable asset and a natural area that must be preserved. Given the enormous challenges facing resorts, there is just one way of reconciling the different ambitions: **sustainable innovation.**

THROUGH its mobility solutions, to ensure more convenient access and carbon-free travel, POMA is reasserting its position as a **partner of choice in local networks, from the heart of the French Alps.**



▶ POMA ACADEMY, A TRAINING ASSET

For 40 years, POMA has been creating solutions to support **skills development** in the ropeway transportation industry.

We offer a wide range of both classroom-based and digital ad-hoc training courses, anticipating all operating and maintenance needs to ensure safety and system availability.

POMA has already **trained 5,000 people** worldwide thanks to its UPilot(r) digital e-learning platform with an integrated 3D ropeway simulator.

▶ PARTNERSHIPS

Backed by its experience and knowledge of the field, POMA has always been surrounded by the best expert partners in their fields.

First of all, by listening to its customers, mainly mountain resort operators, to identify the development areas that are most meaningful to them. The strength of collective work has always been the driving force to find solutions that perfectly meet their needs, up to the industrialisation and marketing of solutions for the benefit of all.

Then, by fully involving the teams of various departments within POMA and the POMA Group's subsidiaries, to bring the most added value in the analysis and implementation of the most appropriate technical solutions

Finally, based on a comprehensive collaborative approach, **the French mid-market company** is surrounded by the most relevant manufacturers in their field of expertise, companies of various sizes from start-ups to major groups, always giving priority to local partnerships: Michelin, Bluecime, Partech, CEA, Innodura, Arcelor, Thalès, etc. bolster the technical expertise and bring additional value.

It is the strength of an entire ecosystem around sustainable mobility that opens the field of possibilities to tackle the complex challenges we face.



Eco-
responsibility
AT THE HEART
OF MOBILITY



POMA, a pioneer in ropeway transportation, is **strongly committed to innovation and sustainable mobility**.

For POMA, respecting, protecting and promoting each region has always been the obvious choice. Today, the need for further action is dictated by climate issues, and by the pressing need for an urgent transition to benefit **future generations**.

For this reason, POMA has structured itself to act at company level as well as at the level of its ecosystem. Driven by a **collective strength**, we have reworked each of our processes **to minimise the human footprint as much as possible**, starting from the design phase and continuing throughout the lifecycle of the ropeway.

The LIFE R'way approach reflects **POMA's commitment** through a selection of highly tried and tested products and services, as part of an incremental innovation approach for mobility solutions with a low environmental impact.

Increasingly efficient and eco-friendly, LIFE R'way products and services are scalable, adaptable and more sustainable, for ever better performance and energy efficiency throughout **their lifecycle**, pursuing the following areas of improvement: fewer raw materials, less energy in the manufacturing process, short supply chains, worker safety with fewer consumables and less impact of construction, **reduced energy consumption**, recyclability or **reuse at the end of their life**.

A GLANCE AT SOME POMA SOLUTIONS FOR GREEN AND SUSTAINABLE MOBILITY:

UP TO 20% ENERGY SAVINGS WITH ECODRIVE, which automatically regulates the speed of a ropeway according to the number of passengers. ECODRIVE is 100 % configurable and lets you track energy savings via an interface with the SKADII digital services platform.

THE INNOVATIVE RUBBER LINERS DEVELOPED JOINTLY BY POMA and MICHELIN, EFFILINER®, offer an efficient solution throughout their lifecycle. They come with several advantages: up to 10% energy savings thanks to their low rolling resistance, a doubled service life, made in France with a low-carbon process, bio-sourced materials, management of their recycling at the end of their service life, etc. The products will be available in 2023 for even more sustainable mobility!

THE ECO-DESIGNED LIFE COVERING is made from recycled materials, resulting in carbon savings of 35%. It has a sleek, modern, customisable design and meets all operating needs, placing an extra emphasis on safety and ease of maintenance and enhanced water management and sealing functions.

INNOVATION PROMOTING SUSTAINABLE MOBILITY

LINE

LPO7 LCI roller battery
LPO7 LCI (Life Cycle Improvement) is an updated version of the LPO7 roller battery, incorporating more than fifteen years of feedback. It offers high technical performance and benefits from a significantly improved life cycle, for optimised operation and maintenance.

ENDURANCE® roller battery
Endurance® is an arrangement of innovative roller batteries designed to have a low environmental impact while improving the safety of operation and maintenance teams.

Michelin EFFILINER liner
Two French companies MICHELIN and POMA, leaders in their fields, have teamed up to offer a new and exclusive liner, co-developed to deliver improved performance for even more sustainable mobility.

CPS EVO
The CPS (Cable Position Supervision) system prevents dangerous situations by automatically controlling speed in the event of shifts of the rope in a roller battery.

STATION

LIFE station covering
The LIFE station covering is eco-designed with recycled materials, for a 35% lower carbon footprint. Its modern, customisable design includes advanced features for safety and comfort during maintenance operations, while ensuring optimum water management and sealing.

Urban LIFE station covering
An innovative solution offering a wide range of architectural possibilities for ideal visual and acoustic integration into urban environments.

DirectDrive
Clean and quiet DirectDrive technology, in line with a more eco-responsible approach: lower energy consumption, no oil consumption, reduced noise pollution, and increased safety of operation and maintenance teams.

LIFE Power station covering
An additional source of renewable energy integrated perfectly into the station covering by installing semi-rigid photovoltaic modules instead of side glazing.

STEERING

ECODRIVE
The ECODRIVE mode reduces wear and energy consumption of the ropeway by automatically controlling speed according to its rate of use.

E-Pilot
E-PILOT is a configuration that combines remote supervision and a set of technical facilities managed by the operators during operation.

SmartBOARD
An ergonomic, ultra-compact control panel with a new human-machine interface. It faces the platforms, offering exceptional driving comfort for operators.

SKADII
The SKADII digital platform offers centralised access to all applications required to manage a fleet of ropeway installations in the most efficient and sustainable way, such as managing and monitoring energy consumption data, or optimizing

SIVAO
SIVAO analyses the number of passengers in each carrier using AI-supported video image processing technology. This operation assistance includes the detection of dangerous situations when boarding chairlifts and the counting of passengers inside cabins.

CARRIERS

Diamond EVO Cabin
From the standard version to the Premium one, this new generation of spacious and comfortable cabins offers smooth and durable mobility.

EEZII chair
Particularly lightweight and robust, the EEZII chair is the carrier of choice for a low environmental impact. Efficient and customizable, it adapts to the exact need.

Partech bike carriers
Range of modular bike transport solutions compatible with chairlifts and gondola lifts. Easy installation and customer use; protects the equipment.

POMA COMMITTED TO THOSE STRIVING TO PROMOTE THE MOUNTAINS



► THE POMA FOUNDATION



With a view to structuring their social initiatives and creating connections between people, the five companies that make up the POMA Group created the POMA Corporate Foundation, an independent, non-profit legal entity, at the end of 2019. Its mission: **to encourage and develop mobility**, a field in which the Group has substantial expertise and experience, in the fields **of sport, disability, solidarity and the environment**. This project is fully in line with the **Group's Corporate Social Responsibility** approach and reflects its commitment to community engagement and local development. Several projects are implemented throughout the year through the efforts of the Group's volunteer employees.

Last year, POMA launched a new collective call for projects called "Imagine your mountains!" In its first two editions, the total sum of 51,000 projects enabled associations to implement concrete actions in the Alpine mountain range for the preservation of the environment targeting the younger generations.

EN 2023

- 23 projects supported
- Several solidarity collections and waste collections organised
- 78 employees working with associations
- The equivalent of 60 work days in the field

► POMA, COMMITTED TO THE "ENFANCE ET MONTAGNE" FUND

Created by the *Syndicat National des Moniteurs du Ski Français* in 2020, the Enfance & Montagne endowment fund strives to boost and support **discovery classes in the mountains both in winter and summer**. These moments of opening up to the outside world and collective living, a source of enrichment for children and their teachers, represent a real economic stake for the mountains. The "Enfance et Montagne" endowment fund is firmly committed to promoting the renewal of this educational movement, which, **since the 1950s, has allowed generations of children to discover mountains and skiing**.

As a committed promoter of mountains, POMA stands alongside the SNMSF, supports the missions of the "Enfance et Montagne" fund and shares its values of **commitment, excellence and sharing**.

In 2021, €371,000 was allocated in grants to 354 classes. 9,000 students were supported in their discovery of the mountain, its values, and the practice of skiing.





► **Marie Bochet, a champion with a big heart**

The POMA Foundation and Marie Bochet, an unwavering partnership. For the past 10 years, Marie Bochet and POMA have maintained a sacred connection around the mountain and its values. A POMA Ambassador since 2014 and a volunteer administrator of the Foundation of the same name, this skier from Beaufortain and the world leader in ropeway transportation form a dream partnership that upholds local culture, the values of sport and French excellence.

Multiple world parasports champion and Paralympic champion in alpine skiing, Member of the French military ski team.

“The mountains connect us, but the Foundation really embodies the connection I have with POMA and further reinforces the values that we defend. It gives me the opportunity to take concrete action on projects that have meaning for me, alongside the people involved.”

SKIING, A SHARED PASSION

► **POMA RENEWED ITS COMMITMENT TO THE FRENCH SKI FEDERATION IN SUPPORT OF UP-AND-COMING FRENCH SKIERS.**

POMA and the French Ski Federation both want to breathe life into their region and they share the same values: endurance, surpassing oneself, respect for mankind and the environment. Ski lifts were created in the 1930s, with the arrival of skiing in France, so it is quite natural for POMA to want to support this activity and its development at all levels and for all audiences.

Since 2018, POMA has become the Official Partner of the French Youth/Junior Alpine Ski Team.



► **POMA SUPPORTS “GLISSE EN COEUR”**

Glisse en Cœur is the flagship charity event for the French mountains. It involves more than 160 teams, a non-stop 24-hour relay on skis and a charity evening, all organised to collect donations for associations working for children.

This year, funds raised totalled €545,000. The Alpysia association, which supports people with cerebral palsy, multiple disabilities and other cognitive or neuromotor disabilities, was the main beneficiary of this 15th edition of the event, organised by Le Grand-Bornand tourist board and the Le Grand-Bornand skiing area.

This event is in line with POMA’s commitment to disability and solidarity, and to a united and dynamic mountain community. The March 2024 race took place on the outstanding Charmieux chairlift!



As a pioneer in ropeway transportation, POMA is embarking on an innovative LIFE R'way approach with a range of high environmental value products.

Starting today, let's work together to conceive increasingly sustainable mobility, to connect people and places in complete harmony with our environment.



my mountain,
MUCH
more sustainable.



POMA
CRÉONS LE LIEN

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