

Call For Paper – OITAF 2024 - M Fauché – POMA – LIFE R'way®

Slide 2 ; To start, I will give you an insight to what lead POMA to create the LIFE R'way® concept.

Slide 3 : The Origins are going back to 2009 when Poma decided to become ISO 14001. One year later, we started O&M in Urban application in NY. It became clear to us that we had to enlarge our vision of our impact. We decided to work with an engineering school and did our first Full Life Cycle assessment, first on a Detachable 6 Place and quickly on GD8 Gondola. We were happy to see that French Government took Ropeways as Green transportation in 2011.

In 2017, we decided to make a first large scale CSR Assessment to test the approach and to assess our maturity. It naturally lead us to enable our first formal CSR organisation in 2019 which was consequently empowered by the creation of our foundation in 2020 while obtaining our ISO45001 Certification.

In 2021, after one year participation to the Convention for Climate we decided to do our first Carbon Footprint Analysis which was conducted with Carbon 4, the company of JM Jancovici. As you'll see in the next page.. it was quite a shock.. and lead us, one year later to Create LIFE R'way® and to adhere to the UN Nation Global Compact plan.

Today, we are all focused on attaining the Net-Zero target of the Paris Climate agreement

Slide 4 : . The shock.. deciding to do a Carbon Footprint assessment on all scopes.. puts lights on the need to work on the "Life".. which is 30 years of operation of the machine, where it is installed.. which, based upon the energy mix..can create a lot of difference..

Slide 5 ; I will present you briefly 3 pillars we are following to reduce our impact and the impact of our activity on the long run. Clearly, these pillars achieve many other target as well, Security, Availability, Passenger Satisfaction..

Slide 6 : UPILOT® is the name of our solution to train people all over the world in the most efficient way.

Slide 7 : The approach has our, Algeria 2016 challenge, as a starting point, we had to train quickly, efficiently, on a 360° approach, 700 people in few weeks..No need to say that traditional approach to professional education would have been a disaster on all aspects... We decided then to create our own solution

Slide 8 : talking on top of the movie.

Slide 9 : just reading the big numbers

Slide 10 : Skadii® is the name of our Solution created to help people take smart decision

Slide 11: Here again, we build on our long experience. Starting in 2010 in RIO when we had to start a 5 section Gondola in the ALEMAO (where one OITAF Congress was held..).

The system was here to help us have a better understanding of the machine, why does it stop? How often, when.. After testing this system in Rio, we received a request in Ski Resort on how to optimize operation.. and then adding these informations from ropeways to informations from other companies of our Group, in 2017, we created Skadii to find synergies for our customers. More and more is coming.. Let's have a look at it...

Slide 12 : talking on top of the movie

Slide 13 : Last but not least...designing, manufacturing, products and solutions which will allow to reach our Paris target... Putting all together in the LIFE concept, which stands for "Low Impact For Environment". I will give you only two practical examples of our range of products as time is flying...

Slide 14 : since 2015, we have a strong partnership with "Serre Chevalier", a "Compagnie des Alpes" Resort, we have developed and improved a solution that people can use as a recommendation or in fully automatic mode, to adapt, live, the speed of the ropeways to the actual frequentation. Two options are available, the one presented here is based upon an AI Camera which is set to manage the length of the queue and adapt according to rules defined by the operator the speed of the machine. The evolution of speed is so smooth that nobody can feel it and hence nobody complains about it. The figures shown are actual saving on a CD6 in Serre Chevalier. No need to say that when electricity prices came to a record, such system had a wonderful ROI !

Slide 15 : As explained earlier, becoming an O&M company as well as a D&B company has led us to think quickly on how to optimise the TCO and having very demanding customers like Metro de Medellin has pushed us to think about a new range of Roller battery. This range required years of development and return of Experience, including a good partnership with the tyre manufacturer Michelin®. This product tackles most of the known challenges, First of all, **how to reduce maintenance on the tower**, which means less exposure for employees, less grease in the environment, less noise for the people living in the surroundings.

Second, **how to remove the need to disassemble the roller battery in its life**. By its ingenious patented design, it is possible to do the Major Inspection on site with very little work. Hence, the roller battery will remain in place during thousands and thousands of hours of operation

Third and Last, **how to reduce the impact in the city**...By its greater capacity, it is possible to have less towers in the city

Slide 16 : I will read it 😊 !