

## **Eco-responsibility**

Our eco-responsibility through fireworks and global climate change consciously, we strive to protect the environment by burning fireworks to a minimum.

## **Compensation CO<sub>2</sub>**

As part of our commitment to climate protection, we assume responsibility for the greenhouse gas emissions caused by the production, import, transport and use of fireworks and finance high-quality climate protection projects of the myclimate foundation in the amount of the calculated emissions.

## **The Air**

Over the last 20 years, real progress has been made in the pyrotechnic industry, especially in chemistry and powder mixtures for fireworks.

We only import products with CE approvals, which guarantee that our products meet the current international standards.

The detected peak levels of air pollution during fireworks (particulate matter) are mainly caused by the burning of black powder.

These peak values are mostly of a small extent, occur only very locally and are limited to a short duration.

We are aware of our eco-responsibility, but would like to note that Fireworks attract a wide audience, resulting in a small amount of burned carbon dioxide per audience member.

## **The Waste**

For many years we mainly use biodegradable products (paper and carton) for making the shells and the different parts of a fireworks display.

Since 2008 we import no fireworks bombs with plastic shells and metallic. In this sense, the components of our fireworks bombs are 99% made of paper and cardboard.

We attach great importance to the collection and recycling of Waste (electrical cables, cardboard, wood and packaging) according to our fireworks.

## **The Noise**

A pyrotechnic spectacle is associated with noise caused by the explosion. Fireworks effects are emitted and unfold their visual effect in this way.

The duration of noise pollution and noise levels depend on the size of the fireworks. It is true that the room for manoeuvre is very limited for us in this regard.

## **The Multimedia**

New technologies called «less polluting» are coming to the market of big shows to compete with the pyrotechnic fireworks. These techniques are still very expensive and, unfortunately, can be used alone, the expectations of the spectators do not meet.

For many years we have been offering spectacles in which we apply these new technologies: Projectors of flames, images, lasers, fountains, lighting and drones. We are convinced that the combination of pyrotechnics and modern technology will be the future of big shows.

In summary, the pyrotechnic industry, especially Sugyp AG, is trying to adapt to the environmental challenges in the best possible way. To encourage to continue down this path, reward selected international fireworks competitions, among others in Montreal, one of the biggest events in the world, new ideas and environmentally responsible developments.