

### ***Future possibilities proposal.***

Malta Air Traffic Services (MATS Ltd), a public limited Company and the national organization responsible from air traffic control for the Malta Flight Information Region and the Maltese Aerodrome, has an ambitious project through which it aims to practise and a culture of further environmental awareness.

In its day to day operations, the Company together with its European counterparts is already committed towards more environmental consciousness through processes that foster low-carbon strategies and energy efficiency.

Being part of the MED territory, which is still among the main producers of greenhouse gases, the Company aspires to explore programmes in which it can participate and contribute, setting an example in public / strategic projects.

#### **A Project**

The building of a new Air Traffic Control Centre is an ambitious project with diverse challenges that the sector brought along the years.

In its project preview, the Company already listed a number of important aspects, as substructures to conserve rain water, introduce greener landscapes and solar energy through efficient superstructures.

The timeline set for this development is between 2016 and 2019.

#### **Aim**

The above is the basis that the Company is pursuing in order to contribute in mitigating climate change, which is acknowledged to have strong consequences in MED regions.

It is our will, that together with research and development institutions, educational facilities and other organizations in the MED area, we will hold studies and analysis to develop plans, services and tools, which in turn will serve our communities when holding similar projects across the MED area.

We aim to share this experience of a distinctive project with others. Where possible MATS looks forward to partner with any organization that is capable of delivering, as well willing to share its resources, expertise and structures for a successful pilot project. The Company wishes to see innovation set into action, while welcome on board open minded organizations who will understand MATS' business.

An Air Traffic Control Centre is highly dependent on electrical energy, supported by multiple redundancy systems, due to its critical services, hence our ambitious aim is a multi-storey building independent of carbon energy that serves tomorrow growing air travel industry, an opportunity that the Company is giving to potential partners.

## Vision

Our vision is to work on this project, including the possibility to partner with other organizations that are currently walking the mile like us, and irrelevant of their scope together we alter and differ positively in our consumptions of energy in the future.

This concept extends beyond the project of a Company that works 24/7, employs over 135 personnel and provides Surveillance, Navigation and Communication to a vast area of the Mediterranean Region. The idea goes further with educating the personnel working at this public building, in areas such as environmental issues. Moreover to the personnel, we would like to inspire the visitors to relay the model and the innovation to tens of other buildings.

Our intent is that through a horizontal programme, MATS contributes to enthuse future projects that albeit:

- highly dependent on uninterrupted reliable power supply, will look beyond conventional energy / back-up systems;
- not in a popular area, landscaping and rural conservation still carry a high level of importance;
- various limitations imposed by the industry and its regulations, restrictions are turned into opportunities; and,
- such projects are expensive, savings still can be achieved in the long run.

MATS believes that while at planning stage, this is the right time to explore benefits and opportunities. The Company is open to suggestions, in order to deliver a greener Air Traffic Control Centre for the decades to come.

Projects Coordinator  
MATS