

EXECUTIVE SUMMARY



- INTRODUCTION

After over 10 years of research and development ATON is pleased to announce a dramatic technical advancement in waste treatment that will transform the costly way commercial bi-products are disposed. ATON presents an innovative method to neutralise waste by transforming it into **ZERO EMISSION** thermal, hydro-thermal or electric output. The equipment and processes are economical, modular ('AMC'), meets EU environment standards and, most importantly, is cost effective.

- WHAT IS ATON-HS S.A.?

ATON-HS S.A. ('ATON') is managed by the original investors of the technology; engineers by education and profession they are responsible for the established theory and its practical implementation. All employees of ATON are connected to global technological practices with a strong focus on environmental protection. Other patents related to this field are held by the company, and or its management, or are pending. Management continues in further research and development projects to better systems and modules. Such development will support future needs and meet bespoke solutions to industry needs..

- OUR GOAL

To achieve a viable solution to a business's logistical, operational and financial needs:

Corporate Social Responsibility ('CSR') is an important factor in business planning; manufacturing's impact on the environment and on a nation's population is a controversial and urgent matter. Solutions have predominantly come at great cost to business. ATON is pleased to announce that it has created an efficient alternative solution that meets CSR demands at a fraction of the price. ATON's answer not only removes the unwanted residues from the manufacturing process but it contributes to responsible environmental solutions by transforming waste into clean energy; energy that can power the ATON transformation process! The innovative process can be applied to municipal waste disposal, hospital bio-waste as well as bi-products from industry and agriculture. By maximising calorific values within residue the energy becomes Carbon Neutral and capable of being fed back into any given electrical network; at net cash advantage to the business.

- OPERATION

ATON has four operational dimensions:

1. Onsite inspection and analysis of environmental hazards including the analysis of waste specifics to the business process which includes common waste, materials and elements relates to industrial production, hospital bio-hazards, demolition materials and contaminated sites.
2. Laboratory facilities and advanced research methods to examine materials in order to assess the best methods to neutralise solid and volatile residues.
3. Development and implementation of business specific mechanisms and equipment (ATON HR, ATON BW and ATON MOS) for the process of waste transformation and energy production.
4. National and global sales of this innovative advancement in waste treatment.

- UNIQUE SELLING POINT

ATON is the only company globally that possess this advanced research into application of Tesla High Frequency Generators in waste treatment. **ATON understands the capacity of this technology to treat a broad spectrum of waste.** (Waste includes: industrial and agricultural waste, hospital waste, industrial gases and hazardous materials, contaminated media, ASR, Vehicle tyres, electronic waste (including the recovery of rare metals such as gold), material pollutants (i.e. asbestoses and bituminous)..

- COMPETITIVE ADVANTAGE

- The technology has been created and is patented by ATON. The patent includes the waste neutralization process to and including the gasification process, post-processes and disintegration of volatiles.
- The result of ATON's research and development represents a lower the cost of implementation than other competing processes currently in the market. Lower implementation costs means lower amortisation costs and greater return on investment.

- The modular approach to installation allows for greater flexibility and simplicity in adapting to the business's established systems. Energy production, as a bi-product to waste treatment, can be fed back into the system, reducing costs further.
- The management of the system, once the modular equipment is in place, can be managed on site or remotely.

- EASE OF IMPLEMENTATION

The ATON MODULAR CONCEPT ('AMC') is simple to transport and simple to install. The modular concept is based on the 20" standard intermodal container which provides a broad selection of shipping and installation options. The ATON approach focus on speed and flexibility of implantation, taking advantage of available space and are tailored to the waste that is to be transformed. Site infrastructure pre-requisites are minimal and would require limited pre-installation work. Minimum requirements would demand flat and stable grounding, standard utilities including running water, stable electrical flow of up to 320kw (noting that the operational aim is to draw most energy from the waste transformation process) and good internet connectivity.

- THE ATON MACHINES

The **key elements of the AMC** are:

- **HR200 Reactor** based on unique and exclusive MTT technology (Microwave Thermal Treatment),
- Purification tunnel: **MOS** (Microwave Oxidation System),
- **Control module**,
- Heat Exchanger – Optional ORC module.

ATON provides the modules and knowhow to establish the base units, controllers and programming. Once in place ATON provides technical support, training and servicing. Pre-insulation on-sight inspections will highlight tests on potential waste to be treated, AMC location, energy, safety and environmental issues.

- ATON TECHNOLOGY

- This is new and innovative technology. This is not old technology under a new name. ATON technology deals with the problem of waste, it does not simply hide it for other generations to deal with.
- ATON technology is flexible and comprehensive. It can change to deal with challenges in the waste disposal process as they arise.
- This technology is sensitive to the environment, the future of planet Earth and our place on it. ATON technology meets international safety and environment standards
- ATON technology aims to produce zero carbon energy

- COMPETITIVE RETURN OF INVESTMENT

ATON's AMC represents a significant return on investment through reduced waste disposal costs and income from energy production that can be fed back into the system. The AMC machinery has a short construction and implementation cycle which translates into a limited period of cost without benefit. The AMC will quickly transform waste, removing the unsightly and often noxious smelling bi-product of manufacturing or other industries, into clean energy and improved process that meet the demands of CSR and can make are contribution to a better Earth to live on.

- WASTE TRASNFORMATION AND CLEAN ENERGY CREATION

ATON deals with the complexity of technology.

ATON deals with the implementation of the AMC on-sight and will use local labour where ever possible. ATON is committed to a cleaner world.

All that a business needs to do is invest in the clean technology and take full advantage of the efficiency to its business.

Be simple, be efficient and ecological! Be ATON!

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