




An introduction to the
**WASTE TRANSFORMATION
4 ENERGY ASSOCIATION**



Enabling Resourcefulness, Valuing Residual Waste

WT4E
PROFILE



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CHALLENGES IN AFRICA

Africa is facing tremendous challenges and is probably at a unique point of history. Most vulnerable continent to the impacts of climate change, the continent will be home to 2.4 billion people by 2050, the double of today.

Gathering 86 of the 100 of the world's fastest growing cities, the continent is also urbanizing more rapidly than any other part of the planet. As a consequence, Africa, who already dumps a massive 200 million tons of waste every year, is set to become one of the most important regions in term of waste generation.

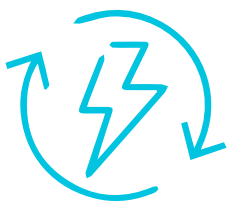
With the lowest electrification rate in the world, the lack of reliable and affordable electricity is also the biggest barrier to more inclusive growth.

Contributing to 9 of the United Nations 2030 SDGs, Thermal Waste-to-Energy Technologies (WtE) are becoming an attractive option to solve not only the pressing waste disposal problems but several environmental, economic, and social challenges simultaneously.

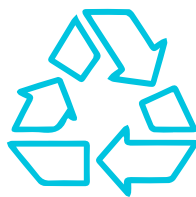
5 REASONS

For the Adoption of Thermal WtE Solutions

Together with waste prevention, reuse, and recycling, WtE contributes to a Clean and Sustainable Circular Economy by closing the loop with energy and material recovery.



**GENERATE RELIABLE
RENEWABLE ENERGY**



**CONTRIBUTE TO HIGH
QUALITY RECYCLING**



**PREVENT THE EXTRACTION
OF PRIMARY RAW MATERIALS**



**PRODUCE HIGHLY VALUABLE
SECONDARY RAW MATERIALS**



**REDUCE GREENHOUSE
GAS EMISSIONS**



OUR VISION

We believe in a well-functioning circular economy where quality recycling is steadily increasing, landfilling is limited to a minimum, and where WtE has a pivotal role to play in moving towards a resource-efficient economy. Our ambition is to foster the development of Thermal WtE technologies in Africa in an inclusive, connected, and equitable manner and become a partner of choice for corporates, local governments, and communities in their residual waste management journey.

OUR MISSIONS AND PRIORITIES

WT4E is an umbrella association of the developers, suppliers, and operators within the Thermal WtE Industry in Africa. It includes incineration, gasification, oxidation, and pyrolysis technologies that ensure high environmental standards and that achieve low emissions from the thermal treatment of residual waste that cannot be recycled in a sustainable way.



**DEVELOP PUBLIC
AWARENESS**



**INCREASE MARKET
READINESS AND MARKET
CONFIDENCE**



**ADVOCATE FOR OPTIMAL
POLICIES AND EFFICIENT
CAPITAL DEPLOYMENT**



**BUILD LOCAL
CAPABILITIES**



**ENHANCE
ENTREPRENEURSHIP
INITIATIVES**

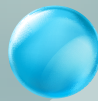
MESSAGE FROM THE WT4E TEAM

In the midst of power shortages, high unemployment, and a drastic increase in waste generation, WT4E aims to educate all stakeholders involved in the WtE industry value chain on what the potential is for Africa.

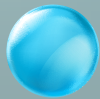
WHY JOIN US?



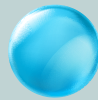
Be informed of opportunities.



Network and connect: to navigate in a complex environment.



Become an agent of change, to make a meaningful impact.



Increase your visibility, to shape your future.

OUR OFFERINGS



Events



Studies
Surveys



News and
Publications



Community
Projects



Thematic
Workshops



Strategic
Initiatives

**JOIN US TO BUILD THE FUTURE OF THERMAL
WASTE-TO-ENERGY IN AFRICA**