

## Message from Tim Clarke, CEO of DWMC

Welcome to the first DWMC newsletter. Thank you for visiting our website, we aim to keep you updated about how the DWMC project is progressing, with monthly news, interesting stories, pictures, and information about key milestones.



DWMC is constructing the Energy from Waste plant for Dubai Municipality, to process 5,666 tonnes per day of Dubai's municipal waste, which is about 40% of the daily waste collected, and recover the energy to produce up to 210MW of sustainably sourced electricity for Dubai's consumers. The project successfully secured financing on 21<sup>st</sup> June 2021 and is planned to be in commercial operation from July 2024. If you would like any specific information about the project, if you wish to leave a comment or if you have a grievance you wish to share, then please use the links on our website.

I would like to introduce you to the DWMC team, pictured below at the construction site.



## Project progress

Project contractors have been hard at work on site since July 2020, clocking up nearly 1,000,000 safe working hours. These initial civil works are forming the main building structures that will house the waste processing facilities and the power generation equipment. Erection of the primary steel structures is due to begin in Q4 of 2021 and construction works will continue through until 2024.

There are over 1,000 staff on site to date with further mobilisations due throughout the summer months. Peak construction will see nearly 2,500 staff at site,

made up of local and international employees from all parts of the world. To protect the project workforce from heat stress, UAE law restricts outside working during the summer months, so night shifts are also in use to maintain progress. The plant will go into full operation in Q3 of 2024 after testing and commissioning.

## Environmental and Social

We have obligations to protect the environment and anyone who may be affected by our work. This includes our staff, close neighbours, project investors and regulatory authorities.

### E+S Focus - 'Noise Monitoring'

Project construction works necessarily generates certain noise from the equipment, vehicles and activities involved. Noise can be harmful to our workforce and those in the vicinity of the site. We regularly take noise readings from different locations around the project site to ensure that levels stay within permitted limits. We provide our workforce with hearing protection and ensure that any high noise areas are identified and access restricted. Our website gives more detail about the E+S agenda & we will upload relevant information on a regular basis.

## Focus Spot - The Waste Bunker



Trucks carrying municipal waste from Dubai will empty their loads into the waste bunker. Over 5,500 tons a day of municipal waste will be delivered to the plant, so the waste bunker is huge! 9 metres deep, 30 metres wide and 180 metres long. The waste bunker is made from reinforced concrete which is poured into frames called forms. These forms are lifted into place and held secure while the concrete dries. Due to the size and weight of the forms and the height of the structures being built, overhead cranes are used to lift and manoeuvre them into position.