

## **Management Structure for the Dublin Waste to Energy Limited Facility.**

### **Roles and Responsibilities**

<b>Name</b>	<b>Title</b>	<b>Experience/ Responsibilities</b>
<b>Kieran Mullins</b> (BSc, GRSC, MSc (Chemistry).	<b>Project Director</b> , Dublin Waste to Energy Ltd.	Overall responsibility for the Dublin Waste to Energy project. Previously Group Environmental Manager and Technical Director of Veolia Environmental Ltd. General Manager of Veolia Environmental Services Ltd. (Haz. Waste). 20 years' experience in the Waste Management industry including 4 years as Business Manager with DWTE.
<b>Simon Ward</b> B.A., M.A. (Economics)	<b>Energy Director</b> , Dublin Waste to Energy Ltd.	Joined DWTE in April 2020 as Energy Director, responsible for optimising DWTE's commercial energy strategy and activities. Prior to joining DWTE, held the role of commercial manager for SSE's thermal portfolio in Ireland, and previously managed SSE's Energy Portfolio Management team in Ireland.
<b>Andrew Leonard</b> (Chart Mech Eng)	<b>UK &amp; Ireland Region Operations Director</b> , Covanta Europe Operations Ltd.	Over 20 years' operational experience of process plants including CCGT Power Generation, Energy from Waste plants and oil & gas marine vessels. Global Operations Director for all Operations & Maintenance (O&M) activities across a fleet of Energy Recovery Facilities (U.S) and of Biomass Facilities (U.K); Head of ERF Engineering & Maintenance; Senior Project Manager on design of an ERF.

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<b>Donal Fanning</b> (B.Eng (Mechanical), Chartered Eng.)	<b>Director of Operations,</b> Covanta Europe Operations Ltd.	<p>Over 15 years’ experience in the power generation and Waste-To-Energy industry in various operation, construction and commissioning roles. Managed the IPPC license in the role of Facility Manager for Tynagh power plant, a 400MW combined cycle gas plant in Ireland. Worked with waste, peat, coal, gas and fuel oil and has led various projects through the testing and commissioning phase in Europe, Asia, Africa and Australia dealing with the relevant local regulators. Has worked on the DWTE project since 2016. Responsible for operation of the WTE facility.</p>
<b>Robert Andrews</b> (B.Eng (Civ))	<b>Operations Manager,</b> Covanta Europe Operations Ltd.	<p>Previously Shift Supervisor at DWTE. Over 7 years’ experience in the Waste-To-Energy industry in various operational roles including shift team leader at the Indaver facility. Developed specific projects including the mapping of thermal load in relation to the calorific value of the waste fuel. Responsible for the coordination and supervision of the day-to-day activities of the assigned operations staff. He has worked on the DWTE project since 2016.</p>
<b>Paul Murphy.</b> (BSc (Honours) Sustainable Energy Management, BSc Renewable & Electrical Energy Systems, National Craft Certificate, Maintenance Technician with Merit, FETEC)	<b>Maintenance Manager,</b> Covanta Europe Operations Ltd.	<p>Over 22 years’ maintenance engineering experience in heavy industrial plants (coal power, wastewater treatment, Waste-To-Energy). Prior to Covanta was employed by the Suez group for 4 years in one of their eight Waste-To-Energy facilities in the UK. Involved at the Suffolk project recruiting and training all maintenance and engineering staff, setting up the maintenance department and supporting EPC commissioning through to stable operation. Coordinate and supervise the activities of the maintenance group and Deputy to the Facility Manager. He has worked on the DWTE project since 2016.</p>

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<b>Tadgh O'Connor</b> (B.Eng (Mech))	<b>Process Engineer,</b> Covanta Europe Operations Ltd.	Previously Shift Supervisor at DWTE. Over 12 years' experience in the Waste-To-Energy and power generation industry in construction, commissioning and O&M roles. Performed the role of shift team leader, resident engineer and project manager. Worked on Waste-To-Energy, wood burning and multiple power generation projects including gas, oil and coal. Has designed water run off systems for various plants. Responsible for the coordination and supervision of the day-to-day activities of the assigned operations staff. He has worked on the DWTE project since 2016.
<b>Mark Heffernan</b> (MSc. Environmental Protection, BSc Hons, Dip.Eng) (DGSA)	<b>Environmental Manager,</b> Covanta Europe Operations Ltd.	Previously Deputy Facility Manager at Arthurstown Landfill. Responsible for overseeing environmental performance of facility and ensuring compliance with Site License. 20 years' experience in waste management industry and EPA license compliance. He has worked on the DWTE project since October 2016 and is also DGSA certified.
<b>Stephen Murphy</b> (Construction Studies) Hons Higher Diploma in Health and Safety.	<b>Health &amp; Safety Manager,</b> Covanta Europe Operations Ltd.	Over 7 years' experience in the Waste-To-Energy industry in various operational roles including shift team leader at the Indaver facility. Experience in Waste-To-Energy plant start up and commissioning. Previous experience in heavy industry working in a supervisory role as a quarry manager. Responsible for the coordination and supervision of the day-to-day activities of the assigned operations staff. He has worked on the DWTE project since 2016. Managing Health & Safety at the DWTE facility since Sept 2017.

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<b>John Comey</b> (City and Guilds in Maintenance Technology)	<b>Shift Supervisor</b> , Covanta Europe Operations Ltd.	Over 7 years' experience in the Waste-To-Energy industry in various operational roles including shift team leader at the Indaver facility. Experience in Waste-To-Energy plant start up and commissioning. Developed emergency procedures with a particular emphasis on fire management. Significant previous experience in the semiconductor industry with a particular focus on preventative maintenance. Responsible for the coordination and supervision of the day-to-day activities of the assigned operations staff. He has worked on the DWTE project since 2016.
<b>John Finnegan</b> (FAS Apprenticeship in Carpentry and Joinery)	<b>Shift Supervisor</b> , Covanta Europe Operations Ltd.	Over 7 years' experience in the Waste-To-Energy industry in various operational in various operational roles including Shift Team leader at the Indaver facility. Experience in two Waste to Energy plant start up and commissioning. Significant experience in boilers, flue gas treatment, turbine generators, and the general day to day running of facilities. Previous heavy industry experience with Irish Cement. Responsible for the coordination and supervision of the day-to-day activities of the assigned operations staff. He has worked on the DWTE project since 2016.
<b>Escalarta Roderiguez</b> (BEng in Marine Engineering)	<b>Shift Supervisor</b> , Covanta Europe Operations Ltd.	Over 12 years' experience in the Energy industry in various operation, construction and commissioning roles. Worked on renewable energy projects across four continents. Responsible for the coordination and supervision of the day-to-day activities of the assigned operations staff. She has worked on the DWTE project since 2020.

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<b>Robert Nolan</b> (B.Eng. (Energy and Environmental))	<b>Shift Supervisor</b> , Covanta Europe Operations Ltd.	Over 7 years' waste processing experience in the Cement and Waste to Energy industry in various operational roles including control room operator. Responsible for the coordination and supervision of the day-to-day activities of the assigned operations staff. He has worked on the DWTE project since January 2017.
<b>Dan O'Neill</b> (City & Guilds Pneumatics and Hydraulics)	<b>Shift Supervisor</b> , Covanta Europe Operations Ltd.	Over 11 years' experience in the Gas Industry in various operational roles including control room operator, shift team leader at the Corrib Gas Terminal. Responsible for the coordination and supervision of the day-to-day activities of the assigned operations staff. He has worked on the DWTE project since August 2019.