

# NO TIME TO WASTE

NORDIC  
HEAT

HEAT NETWORKS  
SUSTAINABILITY BY SWEDEN

NORDIC HEAT MASTER CLASS

2017-11

REMINDER

NORDIC HEAT MASTER CLASS IN

## TECHNICAL TRAINING SESSION IN EfW

CONNECTING NEW AND EXISTING WASTE-TO-ENERGY  
FACILITIES TO URBAN HEAT NETWORKS

**STOKE - 12 DECEMBER 2018**

**WE HEREBY CONFIRM** the technical training session in Stoke-on-Trent, focusing on technologies, practices and business models to explore the significant commercial and environmental opportunities in the Waste-to-Energy sector

**OBJECTIVE** – The aim is to address the technical considerations and solutions in extracting and distributing heat from existing and new W2E installations. In addition we will highlight the commercial requirements to make investments viable. The session will be technically advanced.

**FOCUS** – EfW is a complex business which necessitates combining a multitude of technologies, competences and practices in a coordinated approach involving several stakeholders.

The aim of the upcoming activity in Stoke is to:

- provide a detailed description of the **technical concepts and practices** of capturing and distributing heat from existing and new EfW facilities;
- review the key steps in **managing a EfW project** – from vision to operations
- present a review of **EfW projects underway in Belgium**
- present **proven systems and technologies**
- address the opportunities in **storing heat in old mine shafts**

**AGENDA** – Final agenda in attachment 1

**PARTICIPANTS** – List of participants in attachment 2

**VENUE** – Smithfield Building, 1 Smithfield, Leonard Coates Way, Hanley, ST1 4FA

**CONTACT** – If you have any questions, please do not hesitate to contact

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### ORGANISERS



## AGENDA

09.00 REGISTRATION & COFFEE

### I. BACKGROUND

09.30 INTRODUCTION

- BACKGROUND & OBJECTIVES
- EFW IN UK AND IN STOKE-ON-TRENT – STATUS AND PLANS
- SCANDINAVIAN EXPERIENCE IN EFW

### II. THE COMMERCIAL CASE FOR EFW – OPTIMISING REVENUES

10.30 BUSINESS MODELLING

- SPECIFYING THE OVERALL BUSINESS CASE FOR EFW
- IDENTIFYING TARGET CUSTOMERS – CRITERIA FOR SELECTION
- DESIGNING AN ATTRACTIVE VALUE PROPOSITION

### III. THE TECHNICAL CASE FOR EFW – MINIMISING INVESTMENTS & COSTS

11.30 TECHNICAL DESIGN

- BASIC PRINCIPLES AND OPTIONS
- DESIGN – RETROFIT OR GREENFIELD
- KEY PERFORMANCE INDICATORS
- BEST AVAILABLE TECHNOLOGIES – *(Brief presentations by selected suppliers)*

15.00 PROJECT EXECUTION

- ORGANISING THE TEAM – COMPETENCES AND RESOURCES REQUIRED
- INVOLVING PARTNERS & SERVICE PROVIDERS
- PROCURING EQUIPMENT
- SECURING QUALITY & PERFORMANCE

### IV. MAKING IT HAPPEN – FROM VISION TO HEAT

16.00 LAUNCHING THE PROJECT

- CHECKLIST – FROM FEASIBILITY STUDY TO OPERATIONS
- COMMUNICATION & STAKEHOLDER MANAGEMENT
- PROGRAMME MANAGEMENT SUPPORT FROM NORDIC HEAT

*Lunch and Coffee will be served during the day.*

#### NORDIC HEAT ACADEMY – Training & Advisory Services in District Energy

Nordic Heat was founded in 2014 by a group of municipality owned energy operators in Sweden, all with more than 50 years of experience in installing and operating profitable district energy schemes in a deregulated energy market. The mission is to provide assistance to new entrants in the process of installing competitive, reliable and sustainable district energy solutions. Since the start some 3 000 professionals in 8 markets have taken part in the training and advisory services offered by Nordic Heat.



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PUBLIC TO PUBLIC  
NOT FOR PROFIT

