

FOUNDRYBENCH – Energy Efficiency in Foundries

“How to make foundries more energy efficient?”

24.11.2011 Brescia, Italy

Place: AIB (Brescia Industrial Association), Via Kefalonia 60, Brescia

Time: 10.00-13.00

Workshop Agenda

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| 10.00 | Welcome Coffee |
| 10.30 | Energy efficiency in Foundries and Foundrybench -project (Markku Tapola AX-Cons Ltd) |
| 10.45 | Benchmarking results (Emma Svensson, SFA) |
| 11.10 | Good Practice Guide (Joachim Helber, IfG) |
| 11.20 | Case: Good practice from Italian foundry, Torbole (Mr. Padello) |
| 11.30 | Energy Saving: Selected Solutions of Good Practices |
| | Ladle preheating (FRI, Jacek Przybylski) |
| | Cupola technologies (CTIF, Jean-Marc Piatek) |
| | How to run the foundry in energy effective way? (IMMCO, Pekka Kemppainen) |
| | Induction furnace good practices to reduce kwh/t & plasma new heating process for maintenance furnaces (Technalia, Patricia Caballero) |
| | Heat storage – Storage of recycled energy for heating of premises, minimizing variations in the heat system and reducing peak load (SFA, Per Sommarin) |
| | Induction furnace operation (IfG, Joachim Helber) |
| | Heat recovery of Gas fired heat treatment furnaces and Fettling shop filtration plants (AX-Cons Ltd., Markku Tapola) |
| 12.45 | Discussion |
| 13.00 | End of Workshop and Brunch |

Further information: Mr. Michelangelo Lafronza m.lafronza@assofond.it

Project Coordinator: Ms. Sini Eronen sini.eronen@hermia.fi