

Solid Recovered Fuels – A Sustainable Option for Europe International Workshop 31.5.2010

The purpose of the workshop is to disseminate experiences, practices and latest developments of SRF production and use, with a special focus on standardization and increased energy efficiency. Conceptual links to European policies for Climate Change, Energy and Waste are also highlighted.

The Seminar is organized by the Association of Environmental Enterprises together with the Finnish Mirror Committee to the European Committee CEN/TC 343 Solid Recovered Fuels.

Workshop venue:

Scandic Marina Congress Center
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Participation fee:

550 € (incl. VAT) for registrations after 15 April

The registration form will be available at www.ymparistoyritykset.fi/SRFworkshop310510
from 24 March onwards

PROGRAM:

Registration 8.30-9.00

Session 1: SRF in perspective

Chair: Katri Penttinen, The Association of Environmental Enterprises

9.00	Welcome	Katri Penttinen, Managing Director	The Association of Environmental Enterprises
9.10	SRF as part of the Finnish Policy for Energy and Climate Change	Aimo Aalto, Senior Adviser	Finnish Ministry of Employment and the Economy

9.25	Energy utilization of waste in a revised waste policy for Finland	Jaakko Ojala, Director, Climate Change	Finnish Ministry of the Environment
9.40	SRF market views in Europe	Bert Straetman, President	ERFO
10.00	Drivers, barriers and present status of SRF utilization in Finland	Lassi Hietanen Senior Specialist	Lassila & Tikanoja Oyj

Coffee break 10.20 – 10.50

Session 2: Production and use of SRF Chair: Mikko Talola, Lassila & Tikanoja Oyj

10.50	Developments in SRF production technology	Rainer Rehn, Sales Director	BMH
11.10	High Quality SRF from commercial and industrial waste	Juha Ahonen, Deputy Managing Director	Kiinteistöhuolto Rytönen Oy
11.30	Medium Quality SRF from household waste through Mechanical Biological Treatment	Andrea Eleuteri, Engineer	SECIT spa, GRUPPO GESENU
11.50	SRF-production in Erfstadt and use in the CHP-plant Berrenrath	Thomas Glorius, Project Coordinator	REMONDIS GmbH, Rheinland
12.10	Efficient conversion of SRF into Power using CFB Technology	Juha Sarkki Chief Engineer	Foster Wheeler Energia Oy

Lunch 12.30-13.30

Session 3: SRF within the European Policy for Energy and Climate Change Chair: Bert Straetmans, European Recovered Fuels Organization

13.30	Overview about MBT in Germany with aspects to policy and procedures	Sabine Flamme, Professor	Münster University of Applied Sciences, DG TREN
13.50	European standardization of Solid Recovered Fuels	Martin Frankenhaeuser, Chairman CEN/TC343	SFS/CEN

14.05	Use of standardized SRF – an overall benefit for the environment?	Christian Tebert, Environmental Protection Engineer	ECOS
14.20	CO ₂ emission reductions at co-firing of SRF and incineration of waste	Eemeli Tsupari, Research Scientist	VTT, Energy Systems
14.40	Environmental permitting of co-firing SRF for energy generation	N.N.	

Coffee break 15.00 - 15.30

Session 4: Improved energy efficiency from SRF

Chair: Kai Sipilä, VTT

15.30	Next generation power production from SRF through fuel blending and additives in fluid bed combustion	Pasi Vainikka, Research Scientist	VTT Technical Research Centre of Finland
15.50	Parallel co-firing of SRF in the world largest biofuel fired boiler, 600 MW	Stig Nickull, Managing Director	Alholmens Kraft
16.10	SRF Gasification with hot gas cleaning - Case Lahti	Juhani Isaksson, Senior R&D Engineer	Metso Power Oy
16.30	SRF Opportunities in European Pulp and Paper Industry	Esa Sipilä, Consultant	Pöyry Management Consulting Oy
16.50	Closing discussion	Kai Sipilä, Research Professor	VTT Technical Research Centre of Finland

End of Workshop at 17.15