



POWER
Low Carbon Economies



INTERREG IVC
INNOVATION & ENVIRONMENT
REGIONS OF EUROPE SHARING SOLUTIONS



European Union
European Regional Development Fund

Best practice Identified and transferred

Section	Indication of content
1 Title of the best practice	Hammarby Model
2 Precise theme/issue tackled by the practice	Originally planned as part of Stockholm's sustainable bid for the 2004 Olympics the development has retained a strong emphasis on ecology and environmental sustainability. The project has already delivered homes for almost 10,000 people in a neighbourhood and will deliver 9,000 homes and 10,000 jobs by 2015. This led onto the development of the 'Hammarby Model'.
3 Objectives of the best practice	The Hammaby Model has its own ecosystem, which includes a wastewater plant. The 'Glashuset',
4 Location	Stockholm Region, Sweden
5 Detailed description of the best practice	<p>Set within the Master Plan for the area and with clear environmental objectives the Hammarby Model, successfully demonstrates how the relationship between sewage processing, energy provision and waste handling in a local eco system can be structured to deliver wider social and environmental benefits.</p> <p>Key features of the local ecosystem are:</p> <ul style="list-style-type: none"> • Refuse is piped to the renewable fuel-fired district heating plant in the area. Combustible waste is recycled as heat and food waste is composted into soil • Wastewater is treated nearby at the on-site sewage plant with heat recovered for household heating and silt converted into biogas • Pilot of an experimental on-site sewage works which will employ new

	<p>technologies to extract nutrients from sewage and waste water for use on farmland. Surface water is treated locally to avoid overloading the sewage works.</p> <p>POWER representatives visited the environmental centre established at the centre of Hammarby which shares information with residents and overseas visitors and the neighbourhood.</p>
<p>6 Evaluation</p>	<p>The scheme has already attracted international acclaim for the quality of place created and convinced many, that carbon neutral development does not require lifestyle changes. Many places are now learning from the project. The development successfully links with inner city Stockholm with contemporary adoption of the inner city street dimensions, block lengths, building heights, density and mix of uses delivering a quality neighbourhood.</p>
<p>7 Lessons learnt from the best practice</p>	<p>Not just about the design, there is a need to influence how residents use places. Hammarby has achieved this through the creation of an Environmental Centre which promotes understanding of how residents can help in achieving the city's environmental aspirations and also to share information with overseas visitors.</p>
<p>8 Contact information</p>	<p>http://www.hammarbysjostad.se/</p> <p>Stockholm Water Company, Fortum and the Stockholm Waste Management Administration have jointly developed a common eco-cycle model designed to ensure organic recycling throughout Hammarby Sjöstad – known as "The Hammarby Model". This model is the thread that binds together the entire environmental programme and demonstrates how the various technical supply systems are integrated.</p> <p>info@hammarbysjostad.se telephone: +46 8 522 137 00</p>
<p>9 Other possible interesting information</p>	<p>- Full case study available at :</p>

	http://www.urbandesigncompendium.co.uk/the-hammarbymodel?ThumbnailID=0#largeimagesection
10. Best practice transferred	



Hammarby Sjostad is all part of an eco-cycle known as the 'Hammarby model', which handles energy, waste, sewage and water for all housing and offices. The model was developed by Fortum, Stockholm Water Company and Stockholm Waste Management Administration.

Hammarby recognises that environmental performance is not just about design; the development also needs to influence how people use places. An environmental centre has been established at the centre of Hammarby to promote understanding of how residents can help in achieving the city's environmental objectives.