

	<b>Barriers to energy efficient renovation</b>	<b>Solutions found</b>	<b>What went very well</b>	<b>What went not so well</b>	<b>Lessons learned</b>	<b>monitoring results</b>	<b>Lessons from monitoring</b>
<b>Denmark</b>	<p>Lack of documentation of reliable energy savings in practice</p> <ul style="list-style-type: none"> <li>- Lack of financing for energy efficiency measures.</li> <li>- Builders and landowners are not familiar with energy efficient renovation</li> <li>- Low energy building products are too expensive due to a limited market</li> </ul>	<p>A good cooperation with builders and consultants has been established.</p> <ul style="list-style-type: none"> <li>- Low cost solutions developed especially for heat recovery ventilation - Calculations shows good economy for the tenants.</li> <li>- A main aim is to achieve the calculated energy savings in practice.</li> </ul>	<p>Tenants pleased with the HRV system</p> <ul style="list-style-type: none"> <li>- A low cost solution for the HRV systems was found</li> <li>- A good airtightness is achieved</li> </ul>	<p>Delays because consent from all stakeholders including tenants is necessary</p>	<p>Low-cost version HRV necessary, ease of implementation</p> <ul style="list-style-type: none"> <li>- A special cooperation was necessary with HRV producer. Building integration with installer and architect.</li> <li>- It was necessary to test several HRV prototypes in full scale before the final solution was identified.</li> </ul>	<p>Monitoring of airtightness/coldbridges went very well, energy signature good tool for follow up. HRV efficiency treated with respect to low electricity use and HRV efficiency. Monitoring is ongoing to end of 2008 and will expire in 2009.</p>	<p>Use of airtightness and coldbridges control is important at an early stage to influence final results. Energy signature registration is very useful. Full scale test of HRV solutions before large scale implementation is very important.</p>