

A one-week energy-teacher-teacher course inside the Tempus project 23-27 mars 2015

	Monday - Systems	Tuesday - Biomasses	Wednesday - Process	Thursday - Visits	Friday - Politics
Morning	<p>Welcome...</p> <p>Each participant present their expectations including the requirements their principals have about future programmes and courses and more who their precise target groups are.</p>	<p>Each participant specifies the types of biomass available in their region and the energy carriers that are of priority.</p> <p>We present the properties of the biomasses most common in Sweden.</p>	<p>Pro's and con's and possibilities offered by biochemical conversion processes, such as biogas.</p> <p>Small-scale wind-power in Småland and how to integrate electricity from it in the electricity grid.</p>		<p>Economy and politics: Which are the common hindrances to establish renewable energy by biomass and wind according to our experience?</p> <p>How have we overcome them in Sweden?</p> <p>What obstacles can the participants see in their own countries?</p>
Afternoon	<p>We present the University, the Faculty, the Department and our research group. We also present our research and education as connected to the Swedish energy system.</p> <p><i>Emphasis on the needs for continued education seen by stakeholders on the Swedish energy market..</i></p>	<p>We – being the most experienced – present differences and similarities between the systems and logistics of biomass and fossil fuels. Storage and transformation during storage, risks, work environment aspects, as well as technical problems associated with the handling and transportation of moisty and elastic materials.</p> <p><i>Discussion.</i></p>	<p>Pro's and con's and possibilities offered by thermo-chemical conversion processes.</p> <p><i>Total efficiencies, possibilities in the production of fuel, electricity and cooling and heating</i></p>	<p>Full day study-visits:</p> <ul style="list-style-type: none"> • Organic waste sorting • Biogas plant • CHPC (Combined Heat- Power- and Cooling production) from biomass. 	Final discussion
		<p>Visit to wind-power mill.</p>			
		<p>Dinner.</p>			