

31 December, 2008

**UPM's material balance 2008**

<b>Raw materials and energy</b>		<b>Sales</b>	
Wood, m <sup>3</sup>	24 800 000	Paper <sup>1)</sup> , t	10 300 000
Market pulp, t	1 200 000	Chemical pulp, t	60 000
Recovered paper, t	3 000 000	Fluff pulp, t	80 000
Purchased paper and cardboard for converting, t	130 000	Converting materials, t	410 000
Minerals, t	2 500 000	Plywood and veneer, m <sup>3</sup>	810 000
Plastics, t	32 000	Sawn timber, m <sup>3</sup>	2 100 000
Purchased electricity, GWh	12 000	Heat, GWh	390
Purchased fuels and heat, GWh	14 000	<b>Emissions into water</b>	
		COD <sup>2)</sup> , t	82 000
		BOD <sup>2)</sup> , t	11 000
		AOX, t	310
		<b>Emissions into air</b>	
		SO <sub>2</sub> , t	2 900
		NO <sub>x</sub> , t	8 400
		CO <sub>2</sub> (F), t	3 000 000
		<b>Solid waste</b>	
		To landfills, t	174 000
		Hazardous waste for special treatment, t	4 000

<sup>1)</sup> Production volumes differ from the overall output of the paper mills, because the paper purchased by the converting factories from Group's paper mills has been deducted from the products sold.

<sup>2)</sup> Information on waste water discharges also includes the waste water load from the Augsburg and Caledonian paper mills to municipal treatment plants.