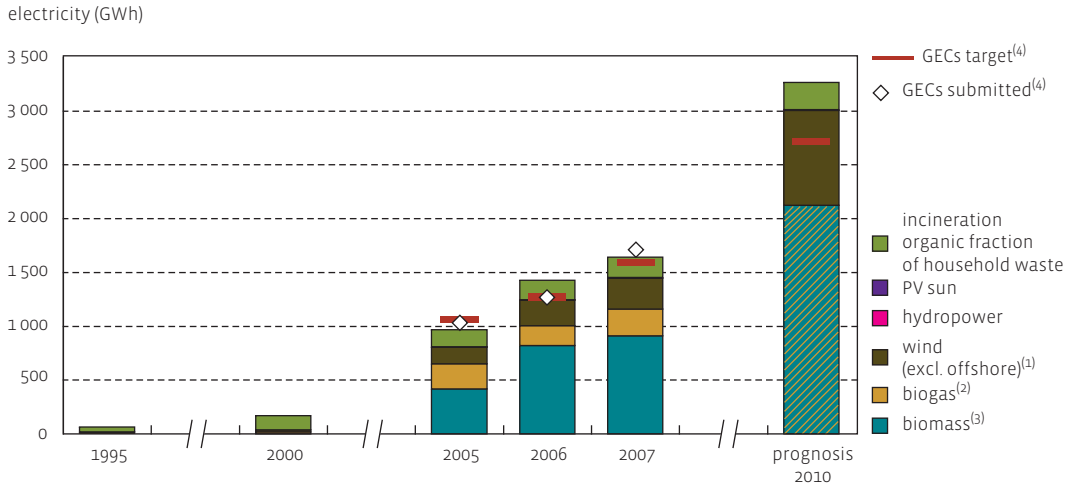
Electricity production from renewable energy sources (green power)

DPSIR



(1) Offshore wind energy (no production yet in 2007) cannot be taken into account for the certificate obligation.
(2) organic waste fermentation, gasification of wood; in 2010 including biomass
(3) co-incineration of wood, sludge and/or olive stones. Green power from biomass is classified as 'biogas' in 2010.
(4) It concerns respectively the target and the actual number of certificates submitted before 31 March of the following year. The number of submitted GECs (Green Electricity Certificates) may differ from the number of GECs awarded during the year itself.

Source: VEA

Growth of green electricity continues, but share in electricity demand remains limited

The production of green electricity continued to increase in 2007 (+15 %) to 1 641.6 GWh. That is equivalent to 2.7 % of the gross electricity consumption in Flanders. By 2010 this must increase to 6 %.

Green electricityy certificate target reached for the first time

In 2007 the electricity suppliers had to submit 1 588 GWh in green energy certificates (GECs; 1 GEC = 1 MWh of green energy) by 31 March 2008. GECs were submitted for 1 709 GWh and so the certificate obligation was complied with for the first time. For 2007, suppliers even submitted a small surplus of GECs. The reason for this was the Electricity Decree that originally planned an automatic increase in the certificate obligation from 3.75 % to 4.9 % by 31.3.2008 because the number of GECs issued in 2007 exceeded the number to be submitted by 31.3.2008. A change in the Electricity Decree now specifies that the target will only be increased automatically after the submission round of 31.3.2009.

electricity production (GWh)	1995	2000	2006	2007	*prognosis 2010*
incineration of organic fraction of household waste	46.3	132.0	180.5	186.6	*253*
PV sun	0	0.1	1.4	5.6	*>11*
hydropower	2.0	2.2	2.1	2.7	*3*
wind (excl. offshore) (1)	8.6	15.5	237.8	284.5	*885*
biogas (2)	8.6	20.6	186.9	252.1	*2 123*
biomass (3)	0	0	819.7	910.1	
total	*65.5*	*170.4*	*1 428.4*	*1 641.6*	*3 267*