

February 4, 2004

To the DIRECTOR GENERAL of ENERGY and TRANSPORT, EUROPEAN UNION

Dear Mr Lamoureux,

Re: SUSTAINABLE ENERGY priorities for 2005-2009 for EU DG TRANSPORT and ENERGY

Following your request to EUROPEAN ENERGY and TRANSPORT FORUM to bring themes to the attention of EU DG TRANSPORT and ENERGY as priorities for 2005-2009 I am happy to propose some in the area of (sustainable) energy.

Looking at Commissioner de Palacio's ambitious new target of 22% of electricity from renewable sources by 2010 following priorities might be helpful:

- **WASTE/INDUSTRIAL BYPRODUCTS = RAW MATERIAL or FUEL**

EU to encourage the use of industrial byproducts as raw material or fuel.
Every producer to be made responsible to develop such (re)use in the market place.
So far use is discouraged by EU or national / regional rules based on fear for health, environment etc.
Actual approach with 'red and orange' lists creates hazardous wastes, big problems and very high costs rather than future oriented solutions.

- **POLYGENERATION = LARGE SCALE INTEGRATION OF RENEWABLES**

EU to encourage fast large scale combustion of biomass and/or energy rich waste in existing and new coalfired power plant.
A target of 20% sustainable and 80% coal would also contribute strongly to meet 'Kyoto' obligations.

- **COAL = BRIDGE to a SUSTAINABLE FUEL FUTURE**

World reserves of coal at actual consumption are good for about 250 years.
Gas and oil reserves are usually estimated to last for 40 to 60 years only.
A full sustainable fuel supply in 50 years time is unlikely, so coal to be the logic bridge to the 'renewables only' future.

- **LOGIC FUEL FOCUS/DISTRIBUTION = CARING FOR THE FUTURE**

Taking into account the different reserve positions it might not be unlogic to dedicate different fuels to different consumption e. g.

- OIL for TRANSPORTATION
- GAS for HOUSEHOLDS
- COAL for ELECTRICITY

- **COST EFFECTIVE SUPPLY of RENEWABLES**

EU to encourage new agricultural crops as biomass fuel.
Especially the farmers in the new EU accessing countries could benefit from such programs.

- **INCREASE of ELECTRICITY GENERATION EFFICIENCIES**

The best way to care for the future and to reduce emissions.
Know-how and technology resulting from a strong focus on higher efficiencies will in addition be a great export product.
Moreover developing countries with their strong growth of electricity needs will benefit heavily.

Best regards,

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Dordrecht, the Netherlands, February 4, 2004