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Organisation de Coopération et de Développement Economiques
Organisation for Economic Co-operation and Development

English - Or. English

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Round Table on Sustainable Development

MOBILISING INVESTMENTS IN LOW CARBON ENERGY TECHNOLOGIES

AGENDA

27-28 April 2008
OECD Headquarters, Château de la Muette, Paris

English - Or. English

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**21st ROUND TABLE ON SUSTAINABLE DEVELOPMENT
MOBILISING INVESTMENTS IN LOW CARBON ENERGY TECHNOLOGIES**

to be held at OECD Headquarters
Château de la Muette, Paris
on 27-28 April 2008

27 April – George Marshall Room

19:30

APERITIF

20:00

DINNER

21:00

After- Dinner Speech: Incentivising Clean Energy Investment

William Chandler

Senior Associate and Director, Energy and Climate Program
Carnegie Endowment for International Peace

28 April

9:00 **Room C**

MEETING*

12:30 **Roger Ockrent Room**

BUFFET LUNCHEON

* *At the Chair's discretion, there will be a fifteen-minute break during the session.*

Issues for Discussion

The scale of incremental investment needed in low emissions technologies for the period 2010 to 2050 is of the order of \$1 trillion annually. Governments and private companies have distinct roles in developing, deploying and commercialising these energy technologies. Governments are likely to pick up the better part of the bill with respect to research and development and early stage deployment. They will also be indispensable for investigating and addressing non-market barriers that render companies and consumers unresponsive to price signals. Investments in commercial scale technology deployment are largely the domain of the private sector (or in some cases state-owned companies).

While governments will create the conditions (such as emissions pricing) needed to make private investments in low carbon technologies financially viable, the capital will be mobilised in the marketplace. Given these respective roles:

1) Technology:

- At the current rate of progress many new technologies are unlikely to be commercially viable. How best can governments promote the early deployment of new low emissions technologies?
- Given the global demand for these technologies, do we have the co-operative mechanisms needed to see that deployment is happening on a sufficiently wide front?
- Are there particular barriers to deployment in developing countries over and above those encountered in developed countries?

2) Mobilising commercial investment in low emissions technologies:

- How can investment in energy technologies in developing countries be incentivised to cover the incremental cost of low emissions technologies once they are fully commercialised? In that respect, what would be the relative importance of:
 - (Programmatic) CDM;
 - Sectoral trading mechanisms;
 - Other factors determining the investment regime and enabling environment.
- Can this be achieved in a time frame that is consistent with limiting temperature increases to a global average of less than 3 degrees Celsius?