

UNEP's Experience with Resource Mobilisation for Climate Co-Benefits of the HCFC Phase out

Ezra Clark

OzonAction Branch, UNEP DTIE

Kingston, Jamaica - 3rd October 2013



Background

- Historically resource mobilisation focused on investment projects & larger countries
- Mandate to pursue climate co-benefits appeared in 2007 with Decision XIX/6
- UNEP's resource mobilisation project approved 2011
- Until now, LVC focus has been to prepare & initiate HPMPs



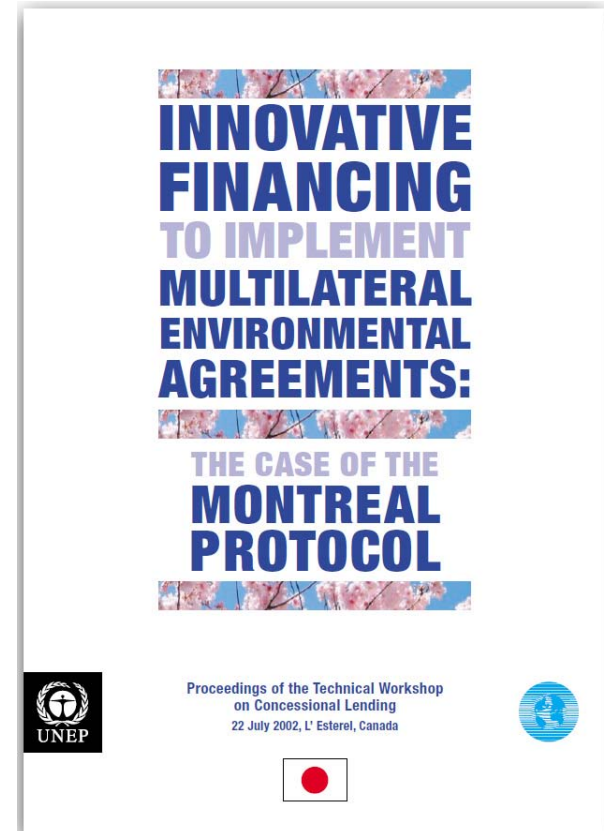
UNEP role related to resource mobilisation



- UNEP's role has been to share information & experiences related to policies & technology for climate co-benefits
- Until now UNEP has not been focused on the financing aspect at national level
- UNEP has secured co-financing for some of its own climate co-benefit activities at global & regional level
- Within UNEP, working with the Sustainable Production and Consumption Branch, as well as Energy Branch and others;

Innovative Financing Workshop

- UNEP assisted Japan with organisation of workshop (July 2002, L'Estérel, Canada)
- Conducted in co-operation with Multilateral Fund Secretariat & Implementing Agencies
- Workshop identified & examined practical examples of where concessional lending/innovative financing has worked inside & outside of Multilateral Fund
- Examined applicable financial mechanisms to satisfy the diversified financial needs of Article 5 countries in achieving ODS phase-out targets

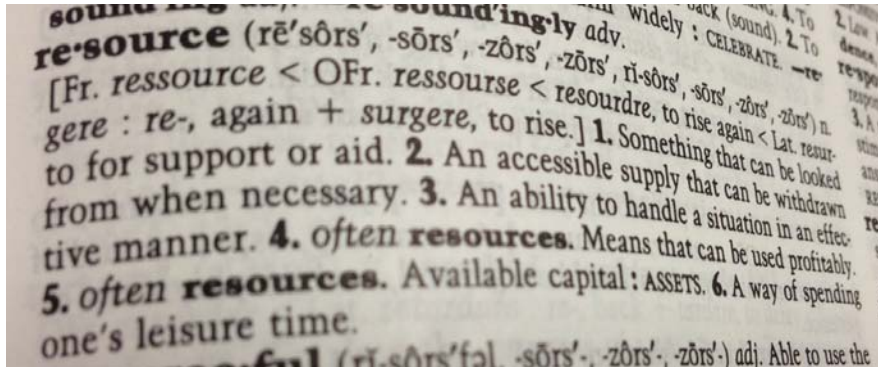


UNEP's current resource mobilization project

- Resource mobilization to address climate co-benefits for HCFC phase-out in LVCs with servicing sector only, in cooperation with other agencies (Decision 63/22)
- Includes a study on financing options & regional workshops on co-financing
- Workshops being held in context of Regional Network meetings to ensure cost-effectiveness & allow the experiences of other agencies' resource mobilization activities to be incorporated



Resources can mean many things



Think broadly about what is meant by the term

Funding

Technical Assistance

Policy Assistance

Equipment donations

Personnel

Information

Outreach / promotion

Global examples



“Jump start” project

- The “Jump start” project (funded by the European Community – ENRTP*) to encourage developing countries to expedite their compliance with the HCFC phase-out obligations and adopt environmentally friendly alternatives to HCFCs, and reducing car emissions in China and India’s Mobile Air Conditioning (MAC) sector.
- The overall objective of the project was to contribute towards the reduction of direct and indirect releases or emissions of ozone depleting substances (HCFCs) and greenhouse gases (HCFCs and HFCs) both through promotion of zero ozone depletion potential (ODP) and low global warming potential (GWP) alternatives as well as promotion of best practices and better engineered and energy efficient technology.

(Euro 400 000)

**Thematic Programme for Environment and Sustainable Management of Natural Resources including Energy*



CCAC

Climate and Clean Air Coalition to Reduce Short Lived Climate Pollutants (CCAC), - a partnership of governments, intergovernmental organizations, representatives of the private sector, the environmental community, and other members of civil society. One of its initiatives is Promoting HFC Alternative Technology and Standards where governments and the private sector will be targeted to address rapidly growing HFC emissions. Under the guidance of the HFC Lead Partner and in close cooperation with other interested CCAC Partners OzonAction:

- Co-Organised the Technology Forum on Climate-Friendly Alternatives in Commercial Refrigeration December 8, 2012, Montreal, Canada
- Co-organised Advancing Ozone and Climate Protection Technologies Conference – Next Steps, 29-30 June 2013, Bangkok, (held in cooperation with UNEP, CCAC, UNDP, European Commission, USEPA, the Alliance for Responsible Atmospheric Policy)
- Implemented project on Case Studies HFC Alternatives in Commercial Refrigeration.



Refrigerants, Naturally!

- Refrigerants, Naturally! is a global initiative of companies taking action to combat climate change by replacing fluorinated gases in refrigeration equipment with climate-friendly natural refrigerants. Member companies (Coca-Cola, Pepsi, Red Bull, Unilever) have collectively placed on the market more than 2.5 million HFC-free refrigeration units and avoided more than 1 million tonnes of emissions in CO₂eq.
- Refrigerants, Naturally! has been officially recognised as a Partnership for Sustainable Development by the UN Commission on Sustainable Development as a voluntary, multi-stakeholder initiative that contributes to the implementation of Agenda 21, Rio+5 and the Johannesburg Plan of Implementation. UNEP is an official supporter of this initiative.



Regional examples



Assistance/outreach

- Sessions on Co-Financing Opportunities and Resource Mobilisation during Network Meetings
- Industry Participation in Ozone2Climate Roadshows, Roundtables



ODS Destruction (1)

UNEP-EU Project “Strategic Cooperation Agreement under the ENRTP: **Environmentally sound collection, management and destruction of ODS banks**” in countries in South Asia and South East Asia and the Pacific” to contribute to the decrease in direct emissions of ODS/ GHGs.

- LVCs and larger consuming countries) in the Asia-Pacific region to achieve quantifiable destruction of ODS banks.
- It will also demonstrate the feasibility of ODS collection and destruction projects in developing countries.
- Since most developing countries in the Asia-Pacific region do not have suitable ODS destruction facilities within their territory, there is a need to build expertise and infrastructure for collection and destruction processes and, where appropriate, consultation with neighbouring countries.



ODS Destruction (2)

- This project will foster environmentally sustainable growth in developing countries by providing assistance to collect, transport and destroy ODS.
- The project will stimulate developing countries to undertake additional actions beyond the requirements of the Montreal Protocol that will achieve additional ozone protection benefits and significant climate change mitigation by collection and destruction of those high-GWP gases.

(5 million Euros - *awaiting final approval*).



Transition to Zero to Low-GWP Alternatives to HCFCs in RAC Industry



- UNEP-USEPA Project “Regional Programme for Enhancing Institutional Capacity for HCFC Phaseout linked to Energy Efficiency and Climate benefits in Asia Pacific”. The net amount for project activities [US \\$425,000](#)

Activities:

- up to 3 technology and/or policy focused exhibitions and roundtables
- up to 4 capacity-building and training workshops
- up to 5 publications focused on technology and policy options for reducing HFC emissions.



Thank you for your attention

OzonAction
UNEP Division of Technology, Industry and Economics

www.unep.org/ozonaction

