



Mr. Cooke is a Canadian international consultant. He has spent the past 28 years working globally for a range of IFIs, UN Agencies and the private companies on a wide range of international environmental investment and technical assistance assignments. Prior experience covered progressive engineering, project and executive management positions with private sector oil and gas, and hazardous waste management companies. He holds degrees in mechanical engineering and metallurgy.

Relevant assignments undertaken include development and supervision of solid and hazardous waste management investment projects involving contaminated sites, POPs stockpile elimination, qualification of halogenated waste treatment/destruction technologies, and ODS production and consumption phase out. He was the international consultant supporting Colombia's successful MLF project qualifying national End of Life ODS refrigerant and blowing agent destruction capability.

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WEBINAR SERIES

CLOSING THE LOOP: ENVIRONMENTALLY SOUND MANAGEMENT OF END-OF- LIFE ODS AND HFC

General Overview of EOL ODS/HFC Management Financing Mechanisms

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Current EOL ODS/HFC Mgt. Situation

- Large “banks” of ODS and HFCs used as refrigerants and blowing agents in products/applications remain.
- At end of life they will be released, sustaining ozone depletion and accelerating global warming.
- Large quantities of EOL ODS/HFCs reachable for ESM
- The required technology and commercial capacity to apply ESM to EOL ODS/HFCs generally exists globally.
- Main impacts are from released in developed/a few large industrialized countries who have capacity to address it.
- Expectation that improved Cost Effectiveness and better circular economy based and smaller scale technologies will develop.

Why aren't we meeting the EOL ODS/HFC Mgt. challenge?

- Very modest progress in ESM of EOL ODS/HFCs to date
- Direct cost to address the issue are very high.
- Beyond capacity of national budgets and traditional international funding mechanism to support directly
- MLF focus on HCFC/HFC production-consumption phase out
- Generally not supported by targeted public policies and supporting regulatory framework
- Ultimately there is the absence of market oriented financial mechanisms that that internalize the environmental cost of ESM.

Potential Sustainable Financial Mechanism for ESM EOL ODS/HFC Mgt.

- No single mechanism but rather a number of synergetic ones
- Dominant theme will be various mechanisms that monetize carbon by placing a value on the elimination of GHG emissions
- Carbon taxation tied to national GHG emission reduction policy targets and directing funds to financing mitigation actions
- Cap and trade/carbon exchange schemes that effectively make avoided carbon emissions a commodity
- Extended Producer Responsibility (EPR) schemes where the costs of ESM of these legacy wastes are assumed by the supply chain and ultimately the end user.
- Disposal fees on sale of new products



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Thanks for your attention

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