

Exploring Transformational Pathways

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The Nature of the Climate Change Problem

- Addressing climate change concerns involves choosing higher-cost lower-CO₂ emission technologies over lower-cost, higher emission technologies
 - For some applications, especially for energy efficiency, initial cost is higher, but running (energy) costs are lower
 - For some applications, especially for renewables, the long-term cost of electricity is higher
 - Technology evolution is bringing down costs and enhancing performance
- Addressing climate change is about meeting higher costs (at least in the medium term) and enabling rapid technology evolution; Challenge is to accelerate action – accelerate deployment

Need hooks where to bring together climate action with development actions

- Enhance lifestyles and sustainable livelihoods
- Enhance energy supply and resilience
- Energy access, energy efficiency, renewables, forestry, water supply and urban development are where the hooks occur in developing countries
- Challenge is to figure out which hooks to start with, and then design effective implementation

Policies, Financing, Capacity strengthening are essential

- Think about what will work, what will get attention, and focus on making it work – publicly available metrics are amazingly powerful in raising priority
 - Policy changes ride on the back of successful implementation
 - enable acceleration and large-scale deployment and integration with national goals
 - Experienced support – available behind your back helps – but you must "learn" to ask questions
 - Business models – delivery models – are a good way to wrap together technology, large-scale change, capacity building and financing – and influence policy
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