



Rural Electrification Workshop



UNEP and GEF for Rural Electrification In Africa

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Influence, develop, and transform the markets for energy and mobility in developing countries so that they are able to grow and operate efficiently toward a less carbon-intensive path in the long run.



GEF Related Co-funding



- Opportunities for Climate Change
- Enabling activities
- OP 5 Energy Efficiency
- OP 6 Renewable Energy
- OP 7 Low emitting technologies
- OP 11 Sustainable Transport
- SPA
- +
- LDC fund and SCCF for Adaptation



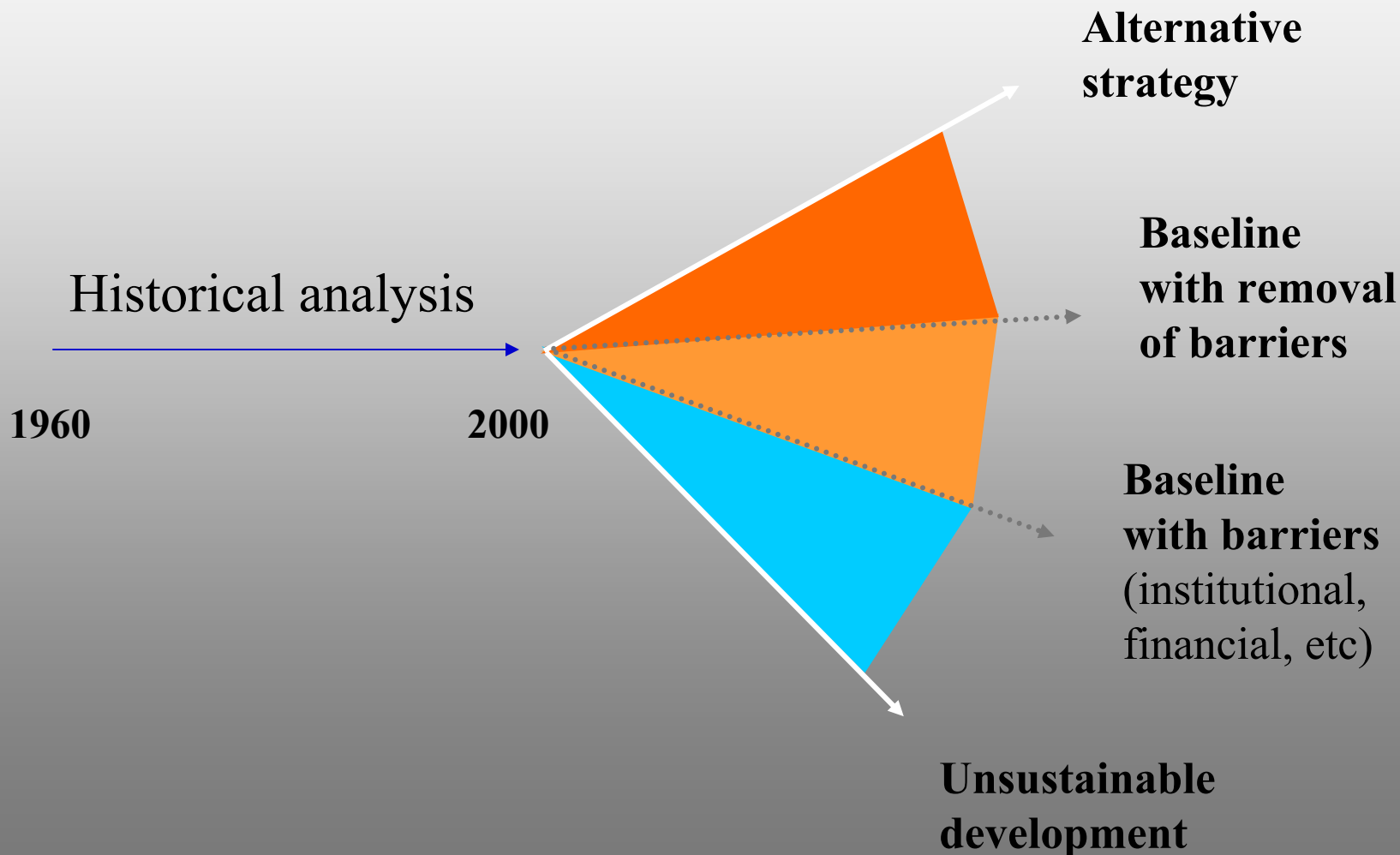
How Does GEF Operate



- Full funding for EAs.
- Incremental cost for projects. GEF is seeking partnership and co-programming.
- No funding for investments as a general rule for Energy Efficiency and Renewable Energy.



Utility of Incremental Cost





Allocation for GEF 4 (2006-2010)



Climate Change

- * Scenario 1 : \$906m
- * Scenario 2 : \$935m
- * Scenario 3 : \$1,065m



OP 6 Renewable Energy



● Strategic Objective

- ① Promoting grid electricity from renewable sources.
- ② Promoting renewable energy for rural energy services



UNEP GEF Projects



Countries	Project Title	Status	GEF US\$m	Cofin. US\$m	Total US\$m
Ethiopia, Tanzania, Kenya, Uganda	Building Sustainable Commercial Dissemination Networks for Household PV Systems in Eastern Africa	MSP	0.718	0.606	1.324
Zambia	Renewable Energy Based Electricity Generation for Isolated Minigrids	FP	3.275	4.661	7.936
Tanzania, Kenya	Micro hydro Power for Productive Uses	MSP Ready	0,857	1,496	2.353
Zambia, Malawi	Renewable Energy Promotion through Information and Communication Technology Introduction in Off-Grid Rural Communities	PDF B	5.8	7.25	13.05
Ethiopia, Kenya, Malawi, Swaziland, Tanzania, Uganda, Zimbabwe	Cogen for Africa	PDFB	8	50	58
Ethiopia, Kenya, Malawi, Mozambique, Rwanda, Tanzania, Uganda, Zimbabwe, Zambia, Burundi,	Greening the Tea Industry in East Africa	PDFB	1.97	11.35	13.32
Kenya, Ethiopia, Uganda, Djibouti, Tanzania	African Rift Geothermal Energy Development Facility	WP Pending	37.7	201	238.7
TOTAL US\$ million			57.46	274.87	332.33



Future GEF Conditions



- **RAF**
- **Implication for Project Design**



For Information



- <http://www.gefweb.org>
- <http://www.unep.org/gef>