

INTERNATIONAL ENERGY INITIATIVE

- a South-North partnership that is Southern-conceived, Southern-led and Southern-located
- an international public-purpose non-governmental initiative
- a small, independent effort networking existing developing country institutions and groups.

IEI'S OBJECTIVE

- to promote the efficient production and use of energy for sustainable development.

IEI'S MISSION --> INTAAACT

- Information, Training, Analysis, Advocacy and Action with integration of the INTAAACT components.

IEI FILLS IMPORTANT INSTITUTIONAL GAPS IN THE FIELD OF ENERGY

- southern-located and southern-led
- international rather than regional
- draws upon international energy expertise
- scope is not limited to analysis/research and training but extends to advocacy and action
- resource persons are drawn not only from the academic community which is only one of the actors in the energy system
- exclusive focus is energy
- does not work only through governments—very often it is the obsolete perspective of these governments that is the *problem* in energy matters, rather than the *solution*
- a southern-led “honest broker” to guide donors/funders in their directions of work in developing countries and their support to southern networks and groups.

STEADY GROWTH

- established in September 1992 (4 years 7 months old)
- “Regional Energy Initiatives “: 2 (‘93) --> 5 (‘94-‘96) + President’s office + US office
- Total Expenditures (\$ thousand): 525 (‘93) --> 737 (‘94) --> 748 (‘95) --> 685 (‘96) [Average = \$ 723,000 (‘94-‘96)]
- Expenditures on Activities (\$ thousand): 396 (‘93) --> 417 (‘94) --> 465 (95) --> 472 (‘96) [Average = \$ 453,000 (‘94-‘96)]
- Activities: 20 (‘93) --> 60 (‘94) --> 65 (‘95) --> 75 (‘96) [Average = 66 activities]
- Annual expenditure on 4 offices (\$ thousand): 55 (94) --> 47 (‘95) --> 42 (‘96) [Average = \$ 48,000 (‘94-‘96)]
- IEI is an approximately \$ 700,000 per year operation spending about 65% on about 65 activities each costing about \$ 6,700 per activity and about \$ 50,000 per office per year

MODE OF WORKING: DECENTRALIZED OPERATING AND MANAGEMENT STRUCTURE

- **MODEL 1** --> REI-based with a full-time director + a small office + INTAAACT Work Plan (=S activities) + monthly reports of progress, administration and expenditures, e.g., the Asia (Bangalore) and Latin America (Sao Paulo) offices.
- **MODEL 2** --> Network-based with a theme-driven network with network coordinator, e.g., Chinese Integrated Resource Planning Promotion Network (IRPPN)
- **MODEL 3** --> Facilitator-based with a facilitator + theme-driven networks, e.g., the African Energy Initiative (AfEI)
- **Model 4** --> Product-based with a bundle of product-oriented activities, e.g., the journal Energy for Sustainable Development

IEI PRODUCT = AN ACTIVITY (OR A CLUSTER OR CHAIN/SEQUENCE OF ACTIVITIES)

- with a sharp focus,
- leading to a contribution that is unique, and
- advancing sustainable development.

TEN BEST IEI PRODUCTS/ OUTPUTS

- the Fellowship Program in Latin America, China and India to train the next generation of energy analysts
- the journal Energy for Sustainable Development [8 issues have been published; 350 subscriptions (12% from industrialized countries); 53% of Articles and 63% of letters from developing countries
- the Technology Menus (India and Chile),
- the program for the Replication of Rural Energy and Water Supply Utilities (REWSUs) in Karnataka (India)
- the Procedures Guidebook
- IRP Methodology and Advocacy Workshops (Media, Decision-makers, West Bengal, Karnataka, Andhra Pradesh, Asian Utilities)
- hands-on computer-based DEFENDUS Training Workshops leading to Integrated Resource Plans (IEI-ERI-ITESSA (Beijing) May 30-June 8, 1994, IEI-APENPLAN (Bangalore) Nov 14-22, 1994)
- the dissemination in India of Cogeneration of Surplus Electricity in Sugar Factories
- Workshop on Privatization and Regulation in the Power Sector of Asian countries
- Detailed analysis of Karnataka Power Sector followed by bottom-up approach to Power Sector Reform
- the papers on the Energy-Debt Nexus (India, Mexico, Caribbean and Brazil)
- Perspective Papers for major donors [UNISE and Energy after Rio for UNDP, Presentation to RF Board]

IEI'S PROCESS (AS IMPORTANT AS ITS OUTPUTS)

- Capacity building = Strengthening of Self-Reliance = Empowerment
- Capacity building (Individuals) = Indigenous expertise --> option of first (not last!) resort
- Highly-cost-effective --> From 1993-1995, 18 Workshops cost \$ 182,026 for 683 participants, i.e., \$267/ participant and \$ 10,113/Workshop with average of 38 participants/workshop
- Local institutions with indigenous expertise are cheaper
- Self-reliant activities are cheaper
- Institution-building --> for sustainability

COMPARATIVE ADVANTAGES

- intellectual grasp over, and leadership in, field of energy
- no project-execution responsibility
- honest broker role
- IEI involves all energy actors
- can provide seed money and special money
- prepared to arrange financing
- effectiveness & standing enhanced by policy of not charging consultancy fees
- complementarity with other organizations like E&Co to complete innovation chain

IEI-RF INTERACTIONS

- Outline of IEI Presentation to RF Board on Energy (September 1992):
 - Crises in Energy Systems --> Result of the conventional energy paradigm --> Need for New Energy Paradigm (NEP) --> Barriers to NEP --> How to overcome barriers --> Institutional Initiatives required to implement NEP
- RF Energy Program:
 - Energy Foundation (USA) +
 - E & Co + IEI + LEAD [Required --> Systems Approach]
- IEI-E&Co Synergy --> INTAAACT + Commercialization
 - Information, Training, Analysis, Advocacy and Action leading to Distribution of (a) Products and Services and (b) Funding
- Status of Synergy
 - Both Technology and Funding are (can be made) available
 - But the flow is from the North --> South
 - Does the South have the human capacity to absorb this flow of technology and \$?
- Serious inadequacy of indigenous capacity in the South
 - Is RF investing adequately in human capacity building and in capacity-building initiatives like IEI?
- IEI's NEP Paper for RF
 - Apart from interventions at the project (and program level, it is essential that decision-makers formulating energy strategies and policies in developing countries use the right energy paradigm
 - Unfortunately, virtually all energy decision-making in developing countries is trapped in the conventional supply-obsessed energy paradigm
 - There must be a paradigm shift to the NEP
 - The NEP may have been formulated, but it is virtually unknown amongst the decision-makers in developing countries, i.e., poor dissemination and even worse implementation
 - There is a serious weakness re: shifting the energy paradigm to the NEP
 - Is RF investing adequately in monitoring and implementing the paradigm-shift to the NEP and in supporting paradigm-shifting initiatives like IEI?
- Necessary Condition for RF Energy Portfolio to succeed
 - E&Co's program of commercialization and dissemination of new energy will succeed only if it is complemented by capacity building and paradigm shifting to the NEP
 - Thus, E&Co's efforts must be complemented with the capacity building and paradigm shifting outputs of initiatives like IEI
- RF Funding for IEI
 - RF played a key role (a little less than \$ 400,000) in bringing IEI into the world
 - In the past three years, however, RF has given no funding to IEI except for the \$150,000 for IEI's REWSU program
 - This is sending the wrong signal to donors
 - Fortunately, the Dutch funding has kept IEI going
 - But, IEI's funding must not be based exclusively on European governments with major development-assistance programs which are now being wooed by UN organizations like UNDP
 - Further, IEI now has a serious cash crunch until the next round of funding from the Dutch and other European governments
 - RF support to IEI is essential, over the long term, to obtain the vital capacity-building and paradigm-shifting outputs of IEI and, in the immediate future, to save IEI with bridging funds.

Sustainability = Relevance +
Excellence + Self-governance +
Financial self-reliance

IEI needs help to become a sustainable institution

- IEI has achieved relevant output (measured by demand), excellent quality (through thorough peer review), self-governance (Procedures Guidebook and Succession Planning)
- IEI must now ensure financial self-reliance [Core: INTAAACT:ACTION in the ratio 1:2:4]