Resource Efficiency in the SDGs

- opportunities for resource efficiency in poverty eradication

EU Green Week
Brussels, 3-5 June 2014

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Presentation Outline

- The Need for Resource Efficiency
- Opportunities for Resource Efficiency
- Essential Foundations
The Resource Efficiency Imperative... more urgent than ever before...
UNEP/IRP and the SDG Process

Challenges

- Separate Goal for RE/SCP
- Mainstreaming RE/SCP targets and indicators in other goals
- Science Base
- Case Studies
Two pervasive diseases

*(Global and Indian)*

- Affluence
- Poverty
What can we do about it?

- Adopt Lifestyle Changes
  
  *(rich and middle class)*

- Create opportunities for the poor

  *(inclusive growth)*
The Opportunity Triad
- the 30% formula

- 30% less materials
- 30% waste utilised
- 30% less energy

Sustainable Consumption & Production

Poverty Eradication

Business / Enterprise

- 30% more jobs
- 30% more income

- Financially viable
- 30% more contribution to Local Economy

Development Alternatives
Three strands of Opportunities

- **Natural Resource Management**
  - Food Security – climate adaptation (wadi)
  - Wasteland / Watershed Regeneration

- **Basic Infrastructure and Facilities**
  - Building and Construction
  - Water and Sanitation
  - Rural (renewable) Energy
  - Rural Communication Services

- **Livelihood Enterprises**
  - Farm Based Enterprises
  - Off-farm Waste to Wealth Enterprises
  - Literacy to Livelihoods

Essential Foundations
Natural Resource Management
– farm level (food security – wadi)

Drip Irrigation

Organic Farming Practices

Sprinkler Irrigation

Organic Fruits / Vegetables

Development Alternatives
Natural Resource Management – watershed / wasteland regeneration

Contour Trenching
Gabian Structure
Check Dam
GIS Applications
Farm Ponds
Farm Demos
Basic Infrastructure & Facilities
– building and construction (walling)
Basic Infrastructure & Facilities
– building and construction (roofing)
Basic Infrastructure & Facilities
– building and construction (others)
Basic Infrastructure & Facilities
– water and sanitation

Jal TARA Water Filter

SODIS Treatment Technique

Safe Drinking Water

Rain Water Harvesting

Development Alternatives
Basic Infrastructure & Facilities
– *Rural Energy (renewable)*

- Bio Gas
- Biomass Energy
- Solar Energy
- Micro-hydro Energy
- Street Lighting
- Household Devices
Basic Infrastructure & Facilities
– Rural Communication Services
Livelihood Enterprises
– Farm based Enterprises
Livelihood Enterprises
– Off-farm Enterprises – waste to wealth
Essential Foundations
– Community Awareness and Mobilisation

Development Alternatives
Essential Foundations
- Literacy to Livelihoods

Memory Hooks

ICT Based

Pride of the Certificate

Mass Interest

In the Class

The Ultimate
Essential Foundations – Training & Capacity Building

- **Employability Skills**
  - Life Skill Training
  - Vocational Training
  - Self Employment Training

- **Entrepreneurship Development**
  - Entrepreneurship for Beginners
  - Enterprise Management for Existing Entrepreneurs
  - Business Expansion for Enterprise Associations

- **Executive Training**
  - Organizational Capacity Building
  - Facilitation and Consultancy
  - Individual specific Capacity Building
Essential Foundations: support systems
- Partnerships for creating shared value

- Reach of Government
- Innovativeness of Academia
- Efficiency of Industry
- Objectives of NGOs
- Participation of the Community

To harness synergetic strengths
Thank You!!