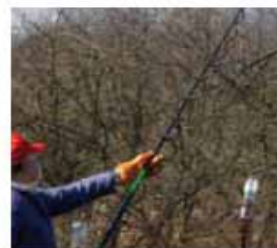




# UNDP INITIATIVES IN WASTE MANAGEMENT/3R IN THE CONTEXT OF CLIMATE CHANGE MITIGATION



**UNDP ENVIRONMENT & ENERGY GROUP**



## **Advocating for change and connecting countries to knowledge, experience and resources to help people build a better life**

- **Democratic Governance**
- **Poverty Reduction**
- **Crisis Prevention and Recovery**
- **Environment and Energy**
- **HIV/AIDS**

**On the ground in 166 countries** with country offices, working with the countries on their own solutions to global and national development challenges.

# UNDP Energy and Environment Practice



UN  
DIP

## Climate Change Mitigation

Energy efficiency  
Renewable energy  
Appliances efficiency  
Early retirement of appliances

Waste and 3R  
integral part of  
projects

## Hazardous Substances

Chemicals  
ODS and POPs  
Hazardous Waste Management  
E-waste

Climate change  
mitigation benefits of  
projects

# Example ODS: Linkage Climate Change-3R



**Market Transformation for Energy Efficiency/Early Retirement**

*Usage Phase*

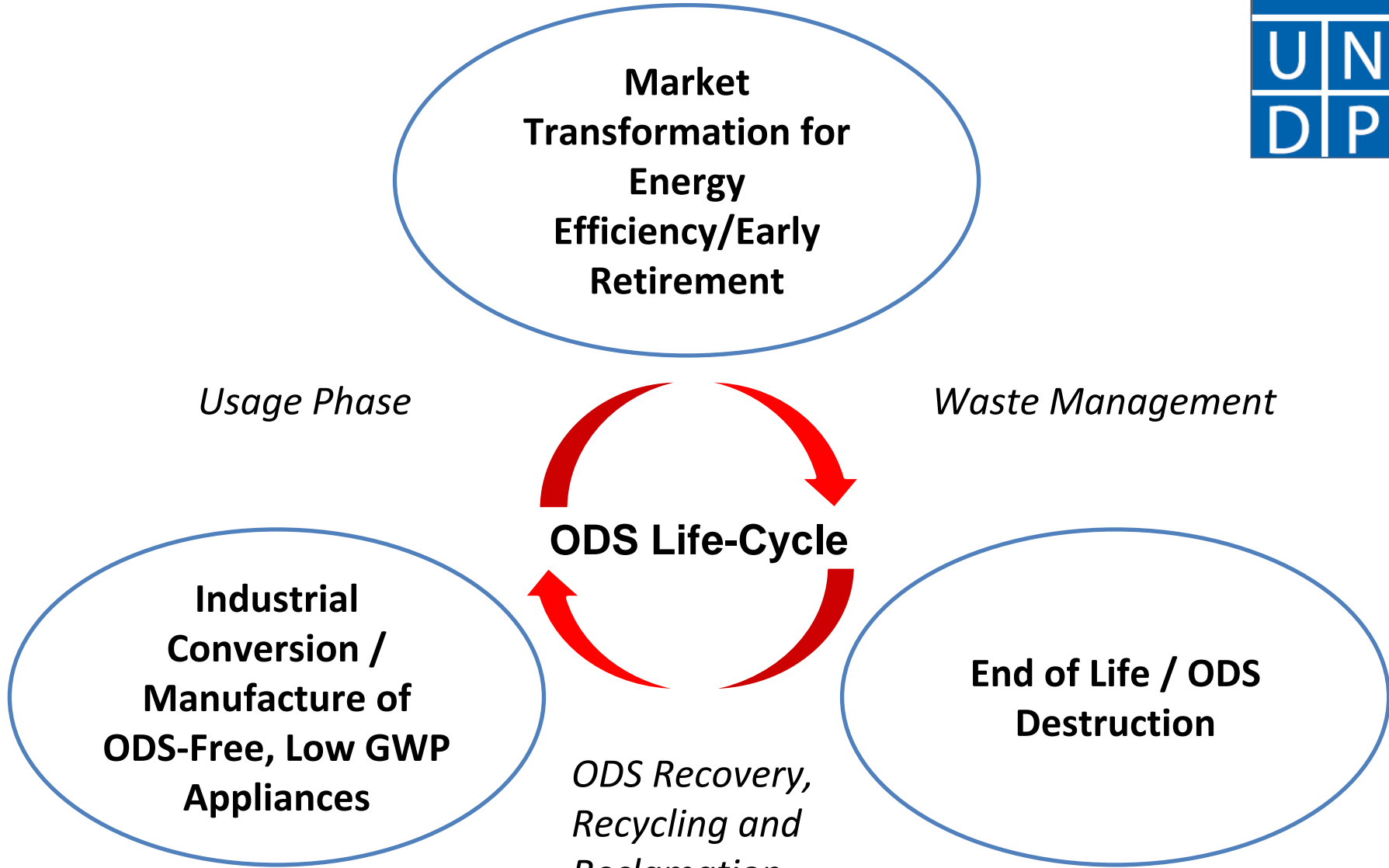
*Waste Management*

**ODS Life-Cycle**

**Industrial Conversion /  
Manufacture of  
ODS-Free, Low GWP  
Appliances**

**End of Life / ODS  
Destruction**

*ODS Recovery,  
Recycling and  
Reclamation*





## BRAZIL – Low Carbon Future



<http://link.brightcove.com/services/player/bcpid42408827001?bctid=46042635001>



**TERIMA KASI!**

# ADDITIONAL INFORMATION

Some additional slides...

## **UNDP's work on Environment and Energy is focused on six priority areas:**

- Frameworks and strategies for sustainable development
- Water governance
- Sustainable energy
- Sustainable land management
- Biodiversity
- Chemicals

Climate Change – cross cutting area



## **UNDP Sustainable Energy Priority Areas**

- Strengthening national policy frameworks
- Promoting rural energy services
- Promoting clean energy technology
- Increasing access to financing for energy

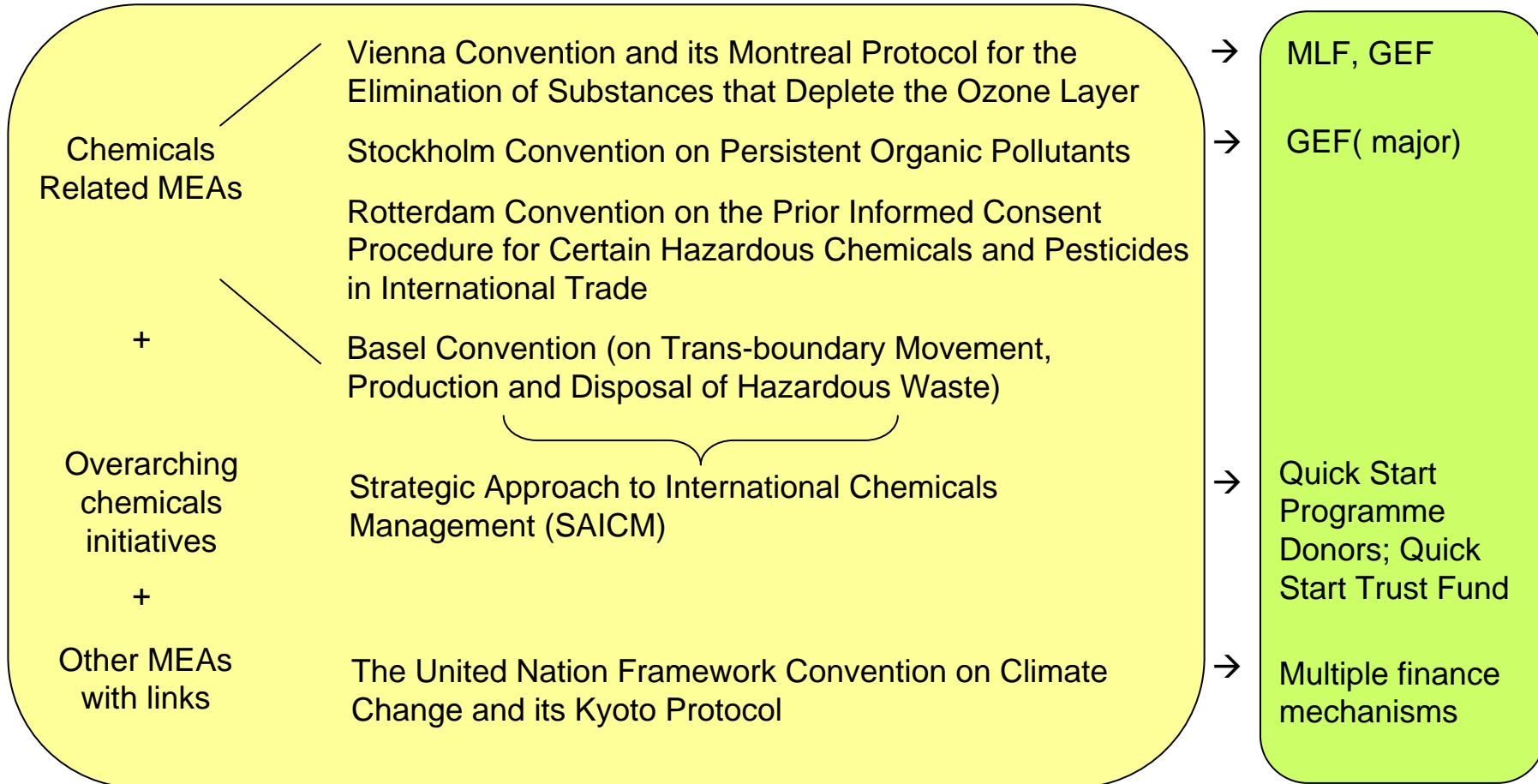
## **UNDP Chemicals Management Areas**

- Phasing out ozone depleting substances (ODS): Protecting the Ozone Layer, safeguarding the global climate and achieving compliance with the Montreal Protocol
- Reducing and eliminating persistent organic pollutants (POPs) under the Stockholm Convention
- Incorporation sound management of chemicals into MDG-based plans in support of SAICM
- Reducing and preventing pollution of international waters

# UNDP Chemicals Management Activity Areas

## Enabling Environment

## Financial Mechanisms



# UNDP Chemicals Management Activity Areas

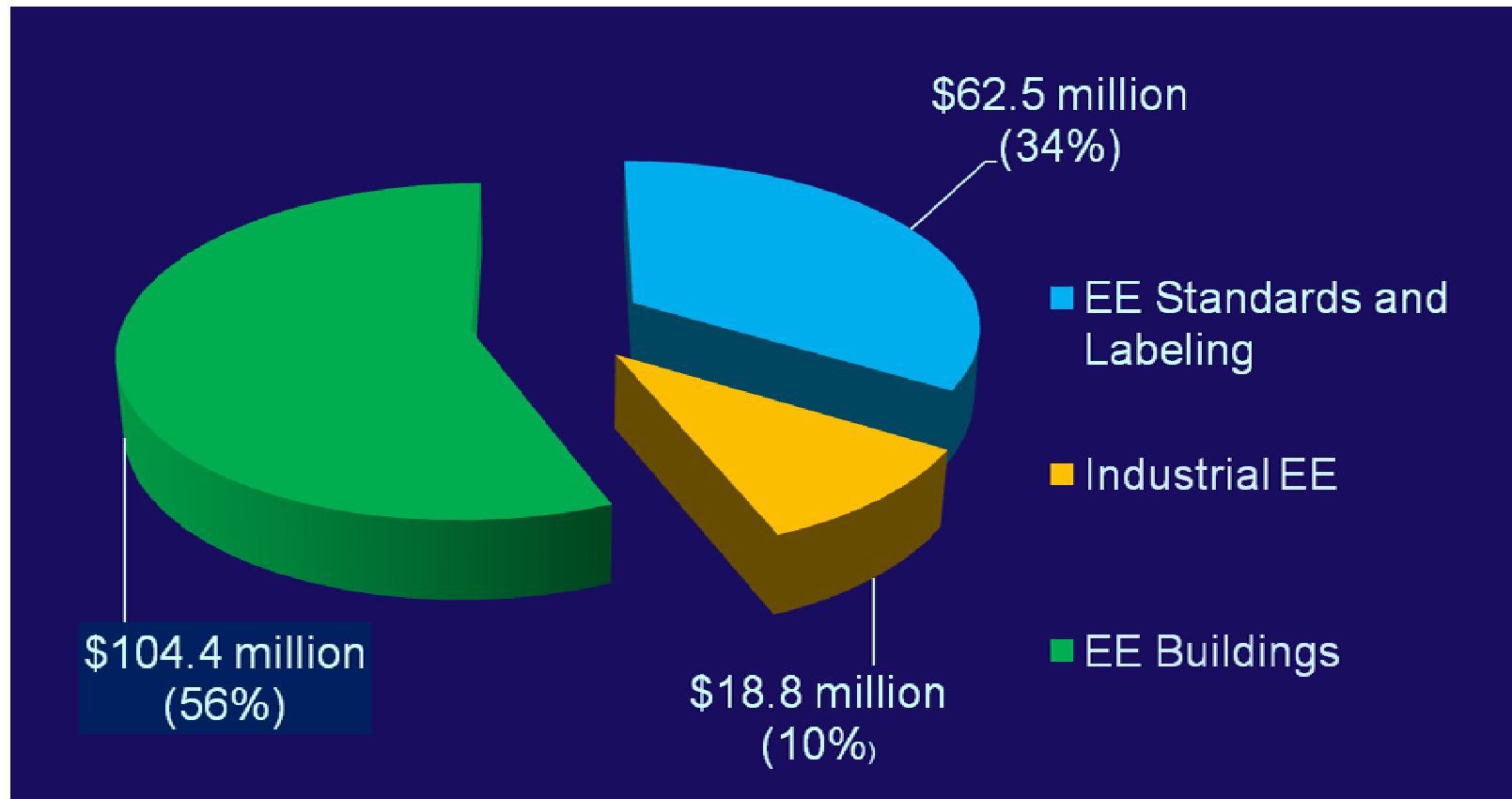
**MLF & GEF:** HCFC conversion, ODS and POPs Waste Management and Disposal, ODS Destruction, Energy Efficiency projects

**SAICM Implementation:** Integration of Sound Management of Chemicals into National Development Strategies, Integrated Waste Management and Disposal Projects Covering MEAs ( i.e. MP, Kyoto, Stockholm, Basel)

**Carbon Finance:** HFCs and ODS Destruction

# UNDP's portfolio of GEF energy-efficiency projects (~\$186 M)

Projects with linkages to Montreal Protocol activities



# ON-LINE RESOURCES

UNDP Website: [www.undp.org/chemicals](http://www.undp.org/chemicals)