

# **Towards building effective partnerships for sustainable management of E-waste**

## **WSIS forum 2016**

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# Challenges in the ESM of E-waste

-  Only about 15% of the e-waste produced worldwide is recycled formally (UNU-2014)- E-waste generation trends on the rise
-  Recycling of e-waste is carried out by the informal sector in an unsound manner → difficulties in involving this sector in formal activities



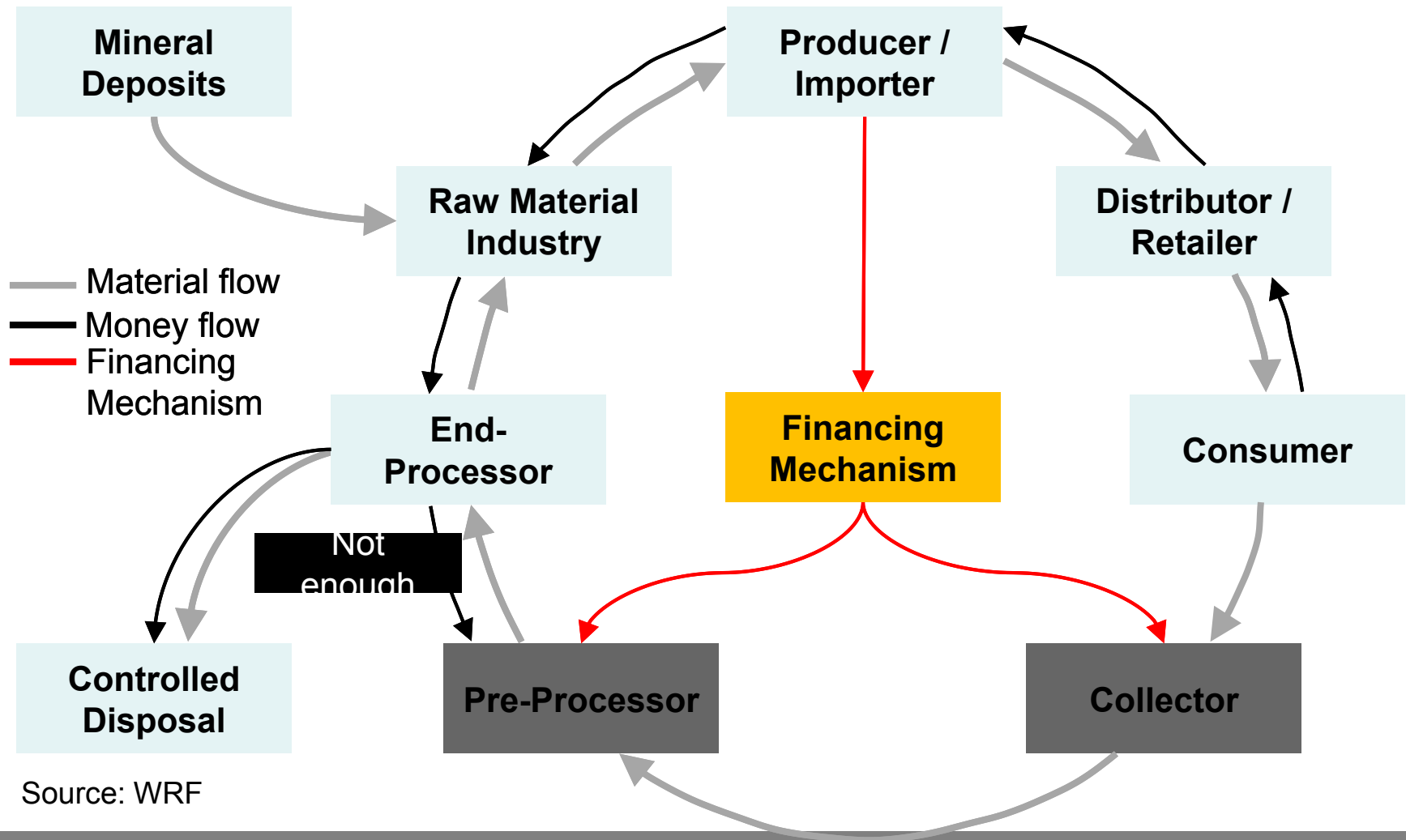
# Challenges in the ESM of E-waste



-  Exposure of vulnerable populations such as women and children around dump sites has impact across generations

# Challenges in the ESM of E-waste

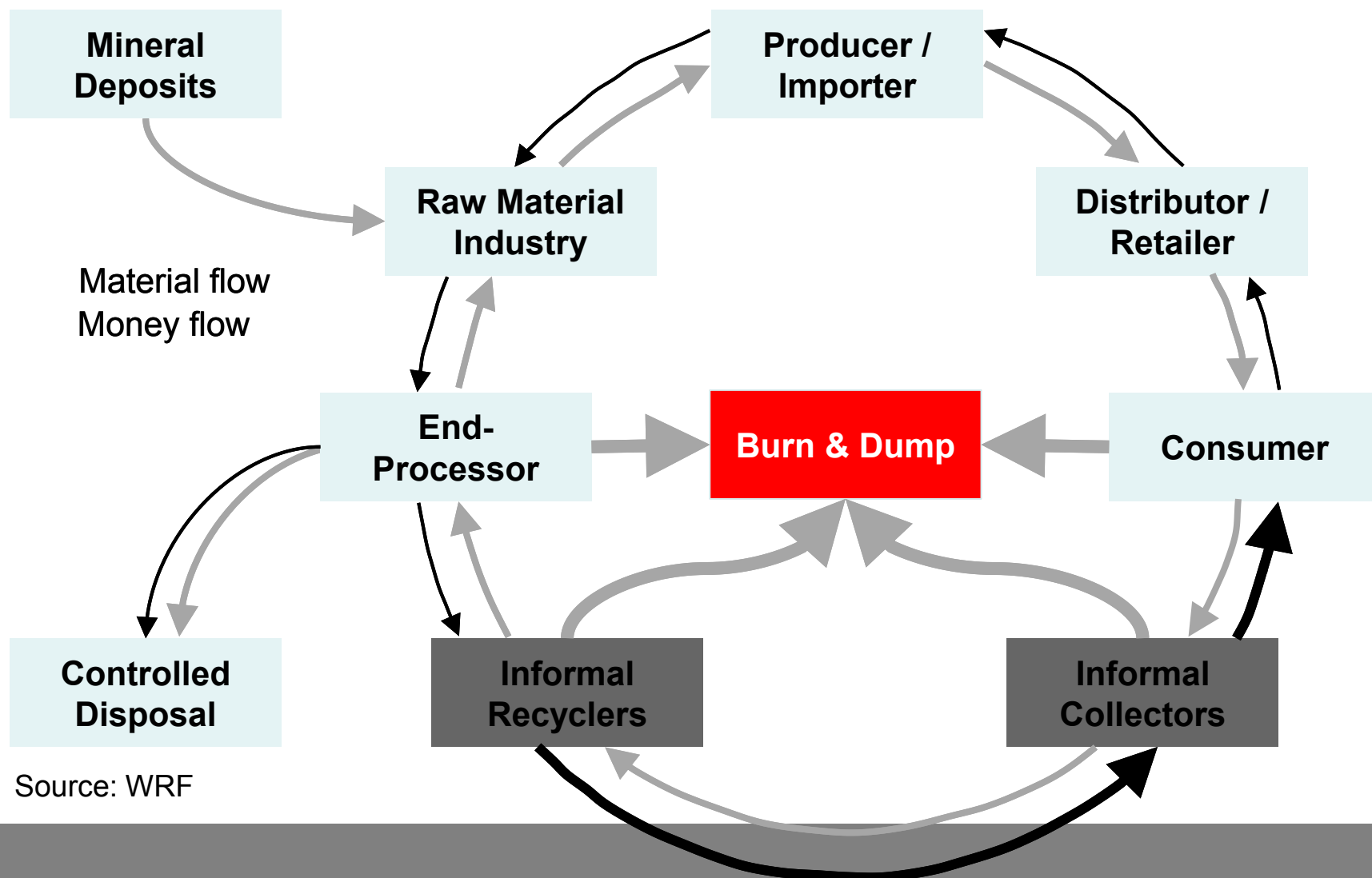
Financing mechanisms for the sound management of E-waste are based on EPR schemes



Source: WRF






# Challenges in the ESM of E-waste

 Policy tools such as EPR schemes are difficult to implement in developing countries and countries with economies in transition





Source: WRF

# Challenges in the ESM of E-waste

-  Need for regional cooperation to arrive to a critical mass for sustainable recycling operations
-  The flow of e-waste around the world is not only a story of dumping.
-  E-waste moves around the world because it has value in terms of its materials, its components, and its reuse potential.
-  There are legitimate transboundary movements, also related to trade in reusable and repairable equipment.
-  Illegal traffic of E-waste

## **E-waste is a priority waste stream under the Basel Convention**

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-  The Basel Convention has addressed the issue of e-waste since 2002 (COP 6)
-  COP 8 in Nairobi (2006) adopted The Nairobi Declaration on ESM of E-Waste, focused on the theme of “Creating innovative solutions for the ESM of electronic waste”



## PACE

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-  The Partnership for Action on Computing Equipment (PACE) was launched in June 2008
-  PACE is a multi-stakeholder forum for:
  -  Government representatives
  -  personal computer manufacturers and recyclers
  -  international organizations
  -  academia
  -  environmental groups



## Documents





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-  Guidance Document on Environmentally Sound Management of Used and End-of-Life Computing Equipment
  -  Guideline on Environmentally Sound Testing, Refurbishment and Repair of used computing equipment
  -  Guideline on Environmentally Sound Material Recovery and Recycling of End-of-life Computing Equipment

## Implementation

### Implementation of ESM of E-waste in the Regions and nationally

-  Basel Convention Regional Centres raise awareness in regions, disseminate BC guidelines, strengthen the policy dialogue and provide expertise on ESM of e-waste
-  PACE pilot activities in Burkina Faso, El Salvador, Jordan, Moldova, Serbia, South Africa, and Suriname
-  National and regional e-waste projects supported by bilateral and multilateral donors
-  The GEF, through its implementing and executing agencies (e.g. UNIDO), supports e-waste related initiatives under the chemicals and waste focal area

-  Technical guidelines on transboundary movements of electrical and electronic waste and used electrical and electronic equipment, in particular regarding the distinction between waste and non waste
  -  One agreed definition of e-waste
  -  Waste non waste criteria for TBM
  -  Documents and responsibilities for the shipment of non-waste across borders

# The E-waste Challenge MOOC

Sign-up for the course at  
[learning.climate-kic.org / courses / e-waste-mooc](http://learning.climate-kic.org/courses/e-waste-mooc)

will launch from  
**4 APRIL 2016**



<http://www.basel.int/Implementation/TechnicalAssistance/MOOC/tabid/4966/Default.aspx>

[www.basel.int](http://www.basel.int)

-  The Basel Convention Secretariat supports the establishment of an IMG on E-waste with a life-cycle approach within the EMG
  -  Maximize system-wide coordinated action and coherence
  -  Increase effectiveness of the support provided to Member States
  -  Promote the implementation of existing international standards for the management of e-waste
  -  Identify and address existing gaps in the environmental and socio-economic dimensions of e-waste management

Thank you for your attention!

For more information

[www.basel.int](http://www.basel.int)