



**ECONOLER**

## **Responses to COP21**

# **Contribution of Demand side clean energy to the Canadian climate change initiative; Focus on developing countries**

**Pierre Langlois, president**

Canada in the Post-2015 World, IDRC conference

Outcomes of the Paris Climate Change Conference and the Sustainable Development Goals, Ottawa, January 25 2016

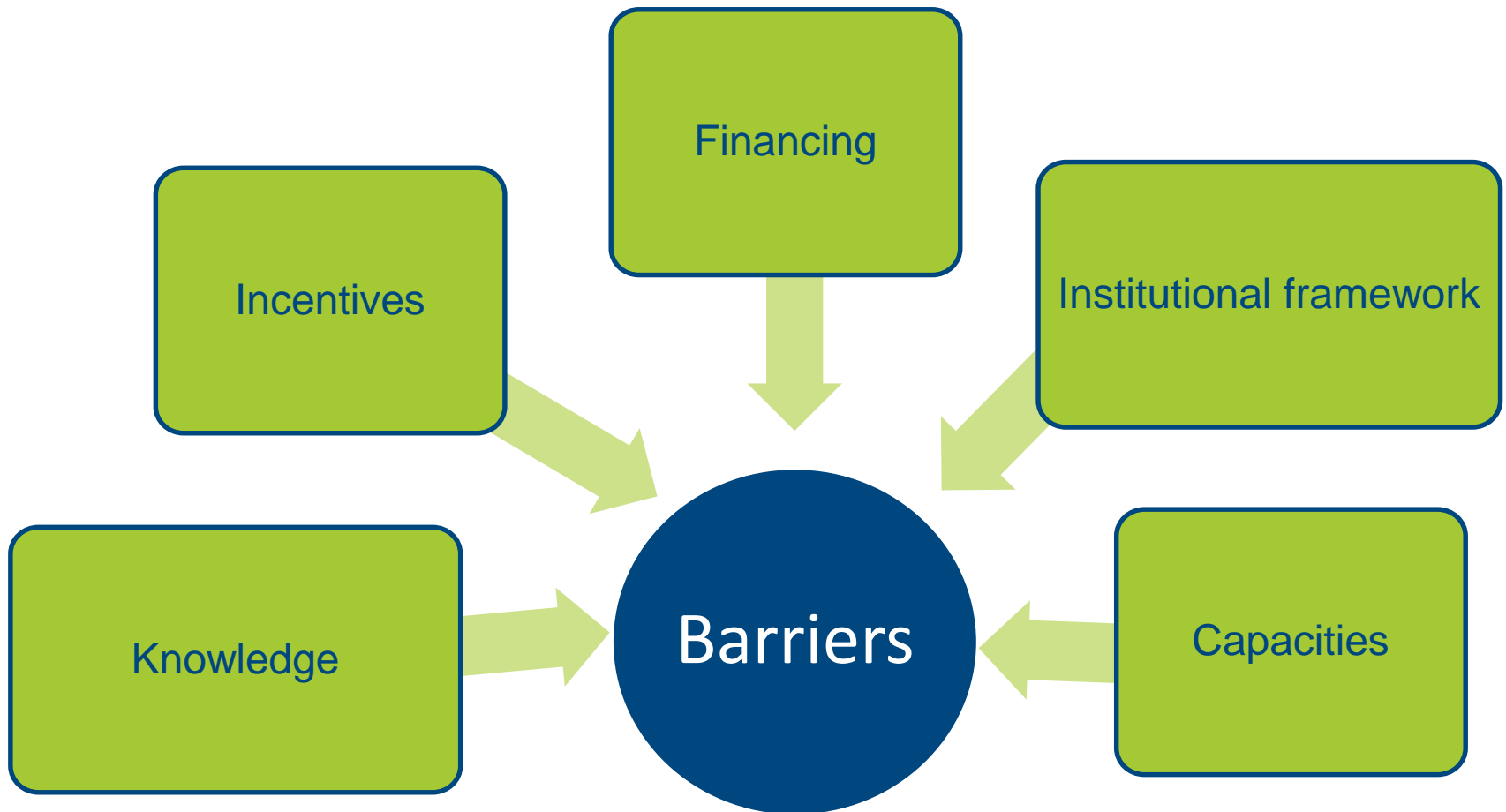
# EE; THE EASIEST OPPORTUNITY

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- › EE/demand side RE are one of the most effective approaches to achieve GHG emissions reductions.
- › Cheapest and fastest way to achieve goals set at COP21.
- › EE/demand side RE can also:
  - › Be an important axis of development in any economy
  - › Create jobs
  - › Improve competitiveness and way of lives

# BARRIERS

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# WHAT CAN CANADA DO - EXAMPLES

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## Canadian Climate Change Development Fund (CCCDF)

- › India Demand Side Management Initiative (2001-2005)
- › Targeted institutional, financial and capacity barriers
  - Street lighting: 40% efficiency gains, 27 months payback
  - Agriculture pumping: 50% efficiency gains; 24 months payback

**TRIGGERED IMPORTANT MOMENTUM IN THE COUNTRY  
THAT ENABLED IFIS  
TO BUILD SUSTAINABLE MARKET TRANSFORMATION**



# WHAT CAN CANADA DO - EXAMPLES

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## Egypt EE Improvement and GHG Reduction (EEIGGR)

- › Partial loan guarantee mechanism to support EE services in industrial/commercial sectors (2005-2010)
- › Not altering lending financial terms or conditions such as interest rate, loan lifetime or exchange rate
- › Leveraged over 20 times initial financial commitment

**ENABLED SUSTAINABLE MARKET TRANSFORMATION  
WITHOUT MASSIVE FINANCIAL COMMITMENTS**

# WHAT CAN CANADA DO - FINANCING

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**Leveraging available financing will be key**

- › Credit lines
- › Revolving funds
- › Guarantee mechanisms

**DO NOT FOCUS ON  
ONLY GRANT FINANCING OF INDIVIDUAL INITIATIVES**

**THINK MARKET TRANSFORMATION  
NOT PROJECT IMPLEMENTATION  
FOR MAXIMUM IMPACT AND SUSTAINABILITY**



# CANADA CAN DO A LOT!

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- › Use Canadian expertise to support EE/RE demand side growth in developing countries
- › Effective actions effective on the short term
- › Enable rapid GHG emission reductions for COP21 goals
- › Focus on maximum leveraging

**In line with the 2030 Agenda for Sustainable Development**



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# Thank You

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