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Relevant policies

- Europe 2020 strategy for smart, sustainable and inclusive growth - Resource-efficient Flagship Initiative
- European Neighbourhood Policy, Flagship Initiative on Energy
- Roadmap to a Resource Efficient Europe (COM(2011) 571 final)
- Low-carbon economy roadmap 2050
- Eco-design directive 2009/125/EC
- The Energy Labelling Directive 2010/30/EU
Green economy potential in energy efficiency

• Resource conservation;
• Job creation;
• Intermediaries;
• Market of consulting companies
• Cross-sectoral issue:
  • Building and construction
  • Urban planning
  • Manufacturing
  • Consulting sector
  • Tourism – energy efficiency of hotels
Cities as important actors

- More ambitious targets (Covenant of Mayors)
- Tariffs
- Demonstration projects
- Awareness for citizens
- Funding mechanisms (i.e. municipal bonds and funds)
Drivers for investing in energy efficiency

Financial and fiscal
- Business case for energy efficiency investment – both on a macro level (national energy bill) and micro level (household savings)
- Price of electricity
- Value of the property goes up
- Taxation regime can stimulate investments in EE

Policy-led approaches
- Public procurement for public buildings
- PPP for energy efficiency
- Standardisation of certificates for energy performance in buildings
- National Buildings Renovation Roadmaps

Institutional
- Agencies
- Link with academia
- Clusters and networks
Barriers to investing in energy efficiency

- **Financial**
  - Lack of financing in general
  - Limited capacity for public funding
  - Fragmentation of projects
  - High initial costs
  - High payback expectations
  - Competing purchase decisions
  - Price signals
  - Cost of feasibility studies

- **Regulatory obstacles** – energy permissible levels; regulation of energy performance certificates; calculation methods; definition of energy consultants;

- **Institutional and administrative barriers** – lack of reliable consumption data;

- **Information and awareness** – lack of reliable consumption data; info on payback periods; risk perception
Overview of funding for Energy Efficiency in Ukraine

- European Neighbourhood Instrument (ENI)
- The Neighbourhood Investment Facility (NIF) - Support to capital intensive-infrastructure development projects
- E5P - Eastern Europe Energy Efficiency and Environmental Partnership - Unites EC, bilateral donors, and IFIs active in the region to coordinate and accelerate the implementation of energy efficiency projects.
- Horizon2020 - Grants to research, demonstration and market up-take of energy efficient technologies.
- Eastern Partnership SME Finance Facility - EBRD, EIB and KfW loans combined with EU grants to support SME lending
- INOGATE - Technical assistance programme for regional energy cooperation
Guidance on financing EE in CEE and Ukraine

• To be published shortly;
• Focus on EE in all kinds of buildings;
• Full inventory of available funding mechanisms;
Online Gateway to Green Financing in CEE and Ukraine

- Aims to raise awareness and stimulate exchange of information
- Target group: public institutions, authorities that design and implement measures on resource efficiency, private financing institutions.
- Focus sectors: energy, transport, adaptation to climate change, ecosystems protection and eco-innovation
- Content:
  - Country studies on green funding,
  - Good practices and case studies
  - Tools, methodologies, guidance
  - Links to relevant information platforms
- Launch by REC expected soon, autumn 2015!
Thank you!

rzhechkov@rec.org