CSI-Europe towards 2014 - 2020
Financial Instruments for Cities
Lessons on Urban Strategies

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<table>
<thead>
<tr>
<th>Cycle stage</th>
<th>Strategy</th>
<th>Stakeholder Identification</th>
<th>Incentive Structure</th>
<th>UDF Selection</th>
<th>Communication</th>
<th>Project Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Success Factors</td>
<td>• Clear • Separate • Flexible</td>
<td>Support from • MAs • National Authorities</td>
<td>Addressing Market Gap • Equity-Debt • Co-financing • Pricing</td>
<td>• Ownership • Capacity • Market base</td>
<td>• Effective internal and external communication</td>
<td>• Project pipeline</td>
</tr>
</tbody>
</table>

**Strategy**

- **Stakeholder Identification**
  - Support from • MAs • National Authorities

**Incentive Structure**

- Addressing Market Gap • Equity-Debt • Co-financing • Pricing

**UDF Selection**

- • Ownership • Capacity • Market base

**Communication**

- • Effective internal and external communication

**Project Selection**

- • Project pipeline
Possible types of energy projects financed with FIs

Renewable Energy
- Solar, biomass, wind

Clean Transport
- Electric vehicles, including automobiles, motorcycles and bicycles
- Fleet management (improvement of energy efficiency)

Energy Efficiency, Co-generation and Energy Management
- Renovation or extension of existing district heating or cooling networks; high-efficiency combined heat and power
- Energy savings/energy efficiency in buildings
Paradigm shift: from grants to financial instruments

Incentive structure
15% loan refund when the energy efficiency level is met

Market gap
Widespread low energy efficiency in housing
Lack of investors
Subsidized loans to private individuals

Best practice because...
Significant enhancement of energy efficiency and living standards
Energy safety - energy savings reduce dependence on imports

Background: JESSICA assists the national strategy aiming at the upgrade of multi-apartment blocks inhabited by the majority of the population
Background: Construction of a £21m organic waste TEG facility in the Sustainable Industries Park in Dagenham, London, UK’s largest concentration of environmental industries.

Best practice because...
First such plant in London – lighthouse effect
Brings new life and work prospects to the remote brownfield area
Part of the largest urban regeneration scheme in Europe

Market gap
Shortage of clean-tech growth in London
JESSICA provides equity acting as a catalyst for loans
Background: Replacing street lighting in the city of Ponferrada to improve energy efficiency, in accordance with the national Energy Efficiency and Savings Plan 2011-2020

Best practice because...
- Significant reduction in energy consumption and in CO2 emissions
- Introduction of new technology
- Cost savings of approx. EUR 1 mil. in the first year alone

Market gap
- Current solution: inefficient, expensive to maintain, high light pollution
- Long-term project – 12y
- Preferential interest rate – 50% JESSICA contribution
Background:
Replacement of old-technology public lighting with the LED lamps and the introduction of the intelligent systems of public lighting in the two Sicilian communes of Ribera and Trapani

Best practice because...
Significant reduction in energy consumption and CO2 emissions
Introduction of new technology
Cost savings

Market gap
Shortage of public lighting that would be efficient, green and inexpensive to maintain
EE lowers exploitation costs – significant savings for the municipalities in a difficult financial situation
JESSICA in Poland – Reconstruction of boiler house and solar installations in Warka

**Background:**
Reconstruction of gas boiler house, solar installations and system monitoring energy efficiency in two housing settlements in Warka city. Worn-out heating installations resulted in frequent outages and problems of energy supply for inhabitants.

**Market gap**
Preferential interest rate and long maturity increased the viability of this important energy efficiency investment

**Best practice because...**
- Reduction in energy consumption and CO2 emissions
- Lower energy production costs
- Energy security for inhabitants
- Energy savings of approx. 108,6 MWh/year
Thank you for your attention

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