

Environmental Sustainability



How banking can help developers build sustainable communities

Urban Development Institute

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“...Meeting the needs of the present without compromising the ability of future generations to meet their own needs.” – Brundtland 1987

Summary

- RBC
- Sustainability at RBC
- RBC's Environmental Sustainability Priorities
- Sustainable City
- What RBC is doing to enable the Sustainable City
- What developers can do to enable the sustainable city, improve their product, reputation and bottom line



RBC

- Key partner is the growth and development of Canada
- Established in 1867
- Canada's largest financial institution
- Offer personal, commercial, corporate and investment, wealth management and insurance services
- Environmental Risk Management Group established in 1990



Sustainability - Foreground

The ability to provide short- and long-term returns for our shareholders, clients, and employees while preserving our *economy* and *environment* for future generations.



What is Sustainability?



Environmental Sustainability

- **Priorities:**
 - Responsible Lending
 - Operational impact reduction
 - Business opportunities
- **Other Initiatives:**
 - Carbon
 - Procurement
 - Stakeholder Engagement and Research
 - Philanthropy



Where does RBC focus?



Priorities

...do the deals we wouldn't otherwise have been able to do.

- Environmental Risk Management
 - Transaction Review
 - Credit
 - Mortgage
 - Operating Line
 - Project Finance
 - Equator Principles
 - Communication of Risk



Responsible Lending



Priorities

- Greenhouse Gas Emission Reduction
 - Sourcing, Operations, Facilities and Travel Environmental Footprint Reduction program (SOFT Footprint)
 - Energy
 - BEPI
 - Water
 - conservation
 - Paper
 - Paperless statements, FSC and recycled content
 - Travel
 - Video conference



Operational impact reduction



Priorities

Provide our clients with tools that allow them to reduce their banking footprint...

- Environmental Markets

- Renewable energy
- Alternative technology
- Clean-tech

...providing our clients with tools that can help their clients reduce their environmental footprint

- Environmental Products and Services

- Lending and Brownfield redevelopment
- Socially Responsible Investment (SRI)
- High-efficiency lending products
- Venture Capital
- Project finance
- eServices



Business opportunities



The Sustainable City

- Aspects: Environmental, Social and Economic
- Examples:
 - Clean air
 - Clean water
 - Waste reduction
 - Energy efficiency
 - Affordable housing
 - Parklands, public space
 - Alternative transportation
 - Economic competitiveness
 - Incentives



What RBC Can Do

- Lending and financing
 - Infrastructure
 - Brownfield – Canada's largest
 - Renewable and alternative energy finance, arrangement and underwriting
 - Development financing
 - Public-private partnerships
 - Facilitate leasing agreements
 - Facilitate CMHC insurance refunds
 - Retail, Commercial, Corporate and Investment
- Venture Capital
 - \$50 million Renewable and alternative technology Fund
 - Clean technology and the GEF Fund
- Philanthropy
 - Donations and volunteerism
- Reduce Environmental Footprint
 - SOFT Footprint



Examples



What Developers Can Do

- When does a project qualify as “Green”/Sustainable?
 - Define the “Green”/Sustainable Aspects - Footprint
 - Construction – Procurement and Land-use planning
 - Operation – utility considerations
 - Minimizes the Footprint of the Project
- Explore partnerships with local utilities
 - Reducing the energy/water demand profile “sparks” their interest
- Explore alternative and renewable technologies
 - Energy - geothermal, solar, wind, etc
 - Water - low-flow fixtures and high-efficiency appliances
- Work with RBC to develop financing tools, partnerships and value for the project
 - How do you provide added value without added cost?
 - Lease programs
 - Facilitate financing partnerships with utilities



- Questions?

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