

Green Initiatives and Activities Presentations & Accompanying Data

Toronto Environment Office

October 15, 2009



Context

- In 2007 the P&E Committee requested that all ABC&Ds with major green initiatives provide a report to the Committee
- First presentation in October 2007 with last presentation in April 2009
- Totals presentations – 28
- Presentations focused on 2007 activities

ABCC&Ds Who Presented

- TABIA
- Exhibition Place
- Toronto Zoo
- EDC&T
- TAF
- TCHC
- TPL
- TPS
- EMS
- Fire Services
- MLS
- Transportation Services
- Toronto Public Health
- TEDCO
- Solid Waste Management
- Toronto Hydro
- Enwave
- F&RE
- Technical Services
- Fleet Services
- PF&R
- Toronto Water
- TRCA
- TTC
- TPA
- City Planning
- Toronto Building
- Waterfront Secretariat

Types & Number of Initiatives Presented

- Energy conservation (55 initiatives)
- Alternative energy generation (14 initiatives)
- Electricity load capacity reduction (18 initiatives)
- Sustainable transportation (23 initiatives)
- Waste management (10 initiatives)
- Green development (30 initiatives)
- Water conservation (5 initiatives)
- Community engagement (27 initiatives)

TOTAL OF 182 INITIATIVES

Environmental Benefits & Emission Reductions of Major Initiatives

	Environmental Benefit	2007 GHG Emission Reductions
Energy conservation (e.g. deep lake water cooling / energy retrofit program / Better Buildings Partnership)	265,000 MWh reduced 6.5 million cubic metres natural gas reduced	7,700 tonnes
Alternative energy generation (e.g. landfill gas utilized to generate electricity / wind turbine)	2,230 MWh generated	1.04 million tonnes
Sustainable transportation		5,000 tonnes
Water conservation	3.44 million cubic metres of water reduced 4,100 MWh reduced	1,000 tonnes
TOTAL of ALL INITIATIVES reported on for 2007		1.12 million tonnes

Recommendations

- Establish a protocol that all City ABCC&Ds will follow to track their green initiatives, programs, policies and actions.
- TEO to report every 2 years on the outcomes of the green initiatives, programs, policies and actions.

sustainable transportation



KEY INITIATIVES PRESENTED

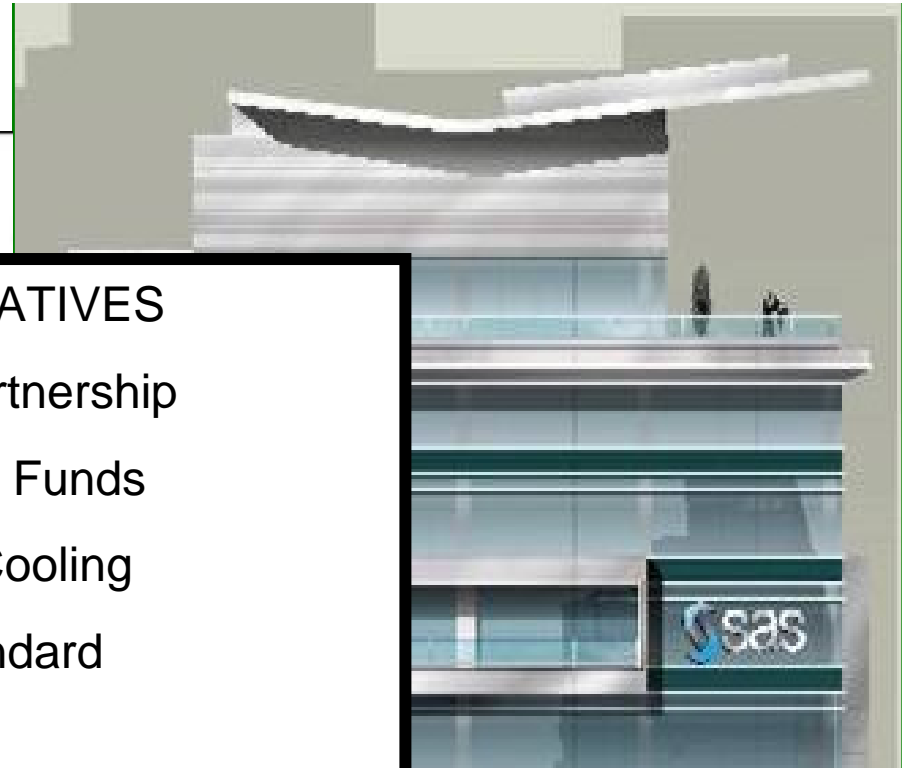
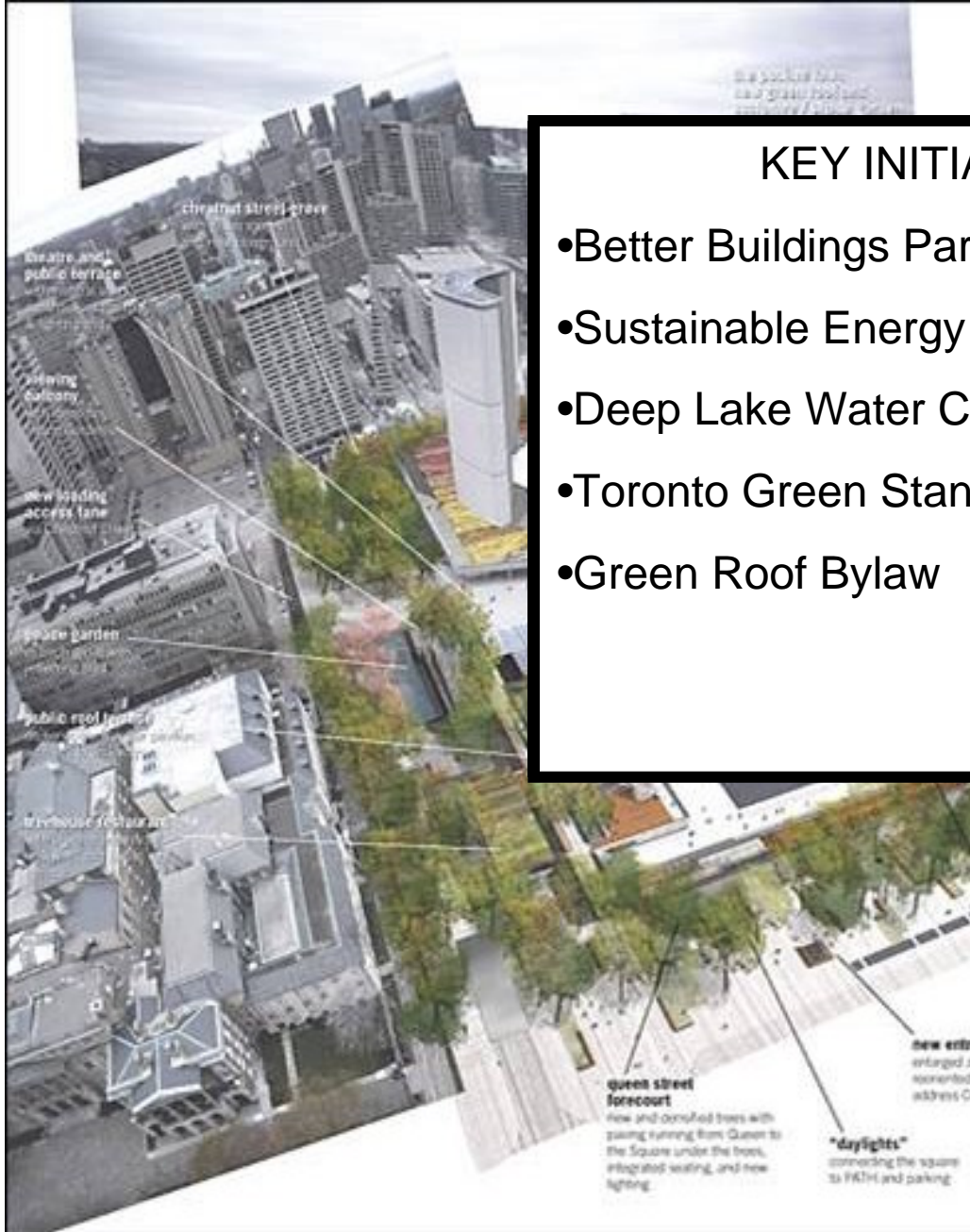
- Transit City – 450 million to 600 million rides a year
- Bike Plan – 1,000 km of bike lanes by 2012
- TDM – Smart Commute
- Pedestrian Strategy
- Alternative Vehicles – 300 electric vehicles by 2012



sustainable buildings

KEY INITIATIVES

- Better Buildings Partnership
- Sustainable Energy Funds
- Deep Lake Water Cooling
- Toronto Green Standard
- Green Roof Bylaw



Renewable energy



KEY INITIATIVES

- Clearing regulatory roadblocks
- Solar, Wind & Geothermal Installations
- Financial incentives & supports



sustainable business



People,
Planet &
Profit



KEY INITIATIVES

- Eco-Business Park
- Toronto Hydro Business Improvement Program
- GreenTBiz
- Financial Incentives
- Regulatory & Standards Changes (e.g. Environmental Reporting; Green Roof Bylaw; Toronto Green Standard)

