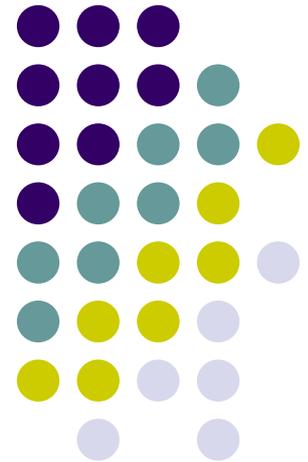
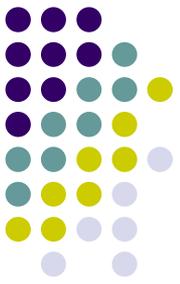


Toronto Waterfront Revitalization Program

Group 5
Dao Chun Yeung
Wong Siu Man
Chen Zhou Yi
Tsang Kai Ho

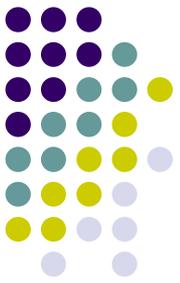


Introduction

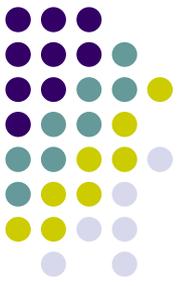


- Importance of the project to Toronto
- Descriptions of current projects
- Expectations
- Sites to visit
- Importance of waterfront development to a city (with foreign examples)

Waterfront Revitalization Program



- An integrated partial solution to challenges
- Environmental, transportation, infrastructure, housing, economic and tourism



Why Necessary...?

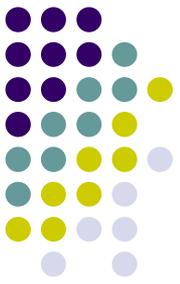
- With some 2,000 acres of largely undeveloped land, at the heart of the City, region and Province
- Prospect of economic decline of Toronto's downtown core (ex-industrial areas)
- Eroding position as a tourism destination

Why Necessary...? (Con'd)



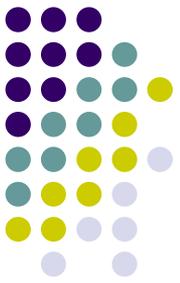
- Population growing at almost 100,000 pp/yr
- One of the fastest growing city in N.A.
- Projected population in 2021 of 6.8 million

Further Benefits



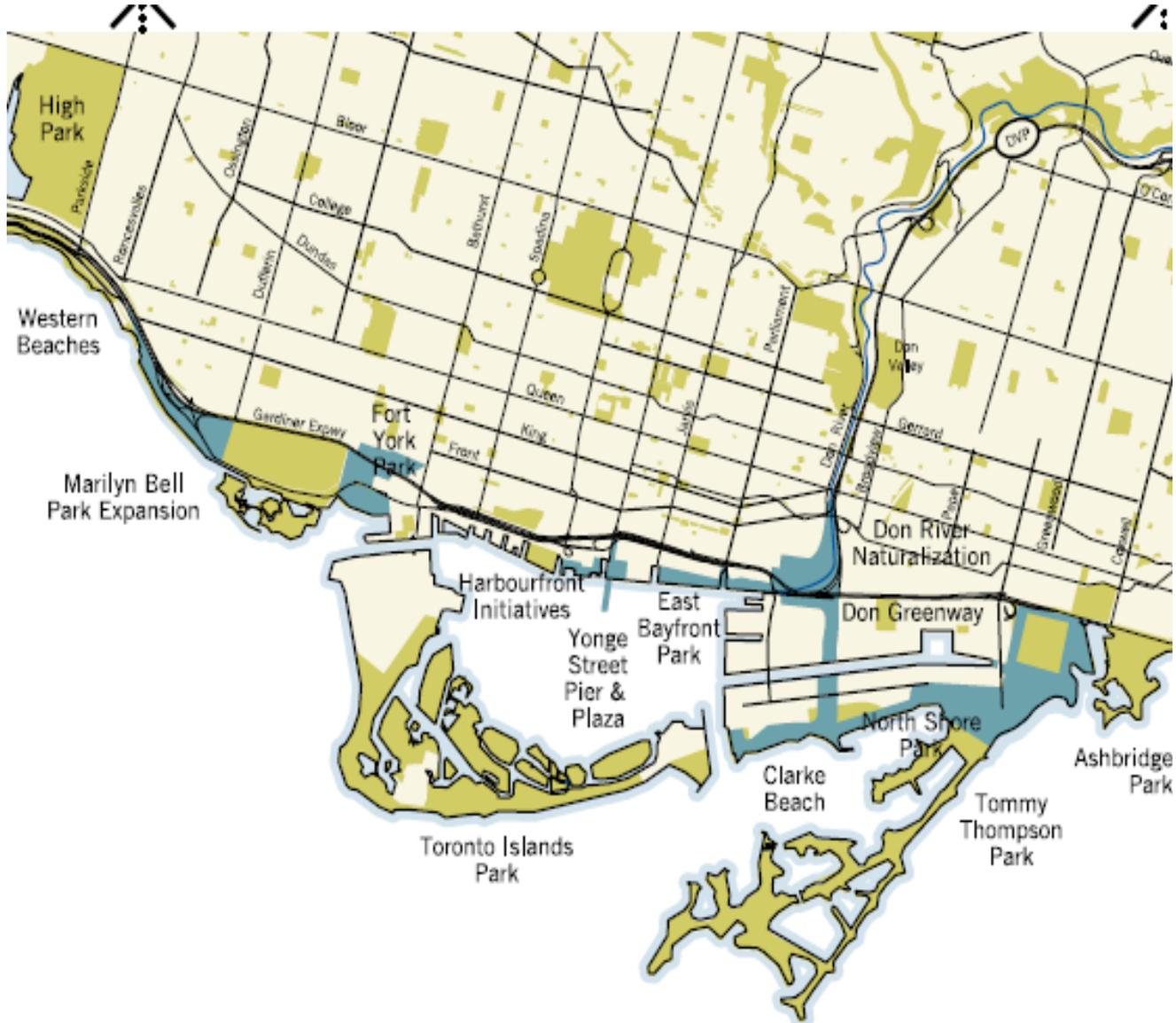
- Help restructuring in the financial services industry.
- Attract the high-quality jobs
- Economic spin-offs generated by the new creativity, New Media, biotechnology and knowledge-based economy in Toronto's Convergence Centre

Waterfront Development Projects of Central Waterfront

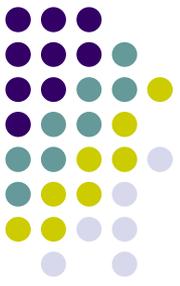


- Central Waterfront Plan II - MAKE WAVES
 - Over 800 ha land
 - 10 km of shoreline
- Four core principles:
 - Removing barriers/ making connections
 - A network of parks and public area
 - To promote a clean and green environment
 - To create dynamic and diverse new communities

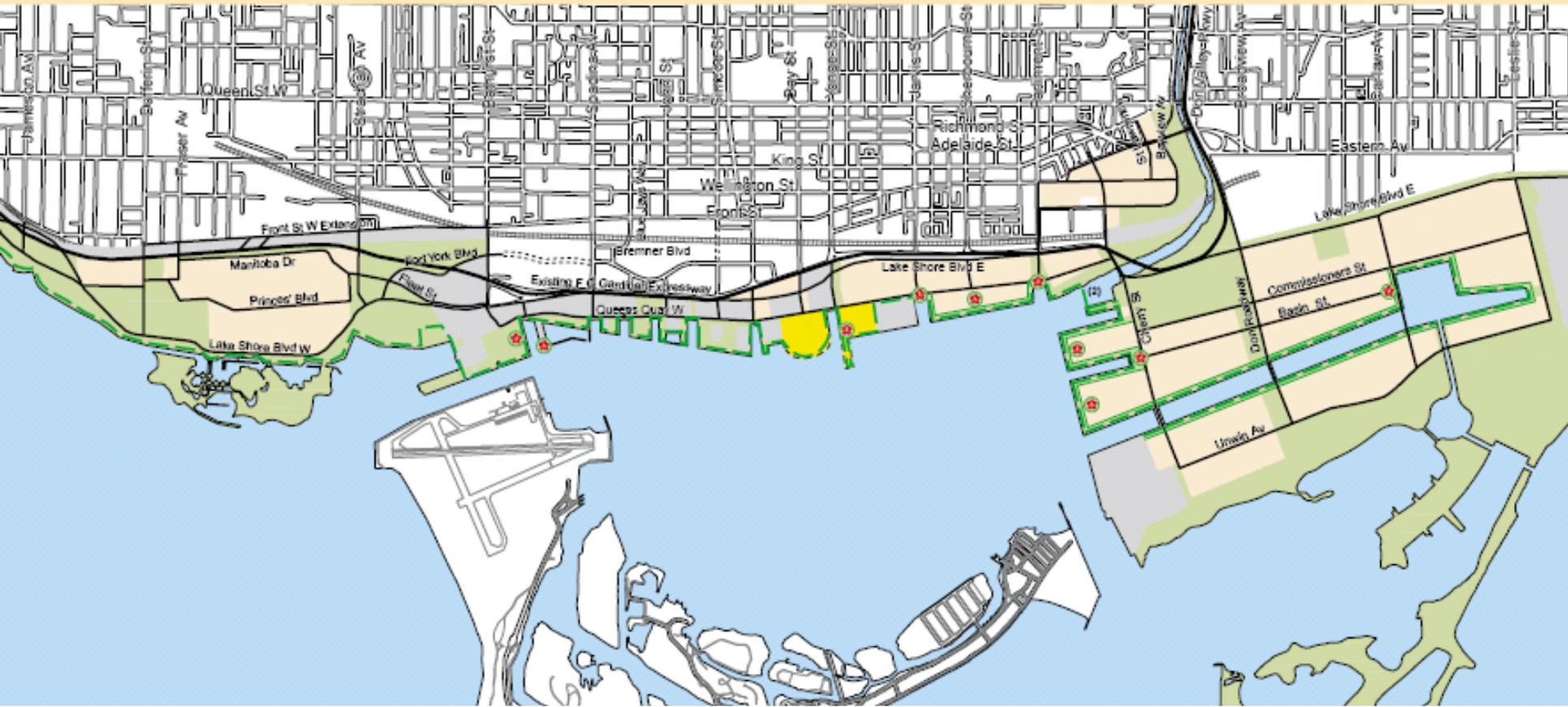
Location of Central Waterfront



Removing Barriers/ Making Connections



- Reconnect with Lake Ontario
- Present
 - Gardiner Expressway is now cutting off the city and the waterfront
- Future
 - Public Transit - GO Transit/ TTC Service/ Waterfront trail/ Water Transportation
 - Shoreline Boulevard – allow cycling and pedestrian
 - Corridor of Heritage and Cultural

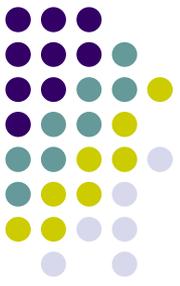


A Network of Parks and Public Area



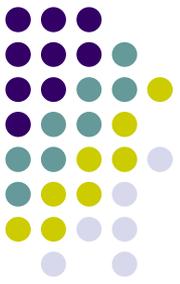
- Aims:
 - Creating more parks and recreation area at waterfront
 - Ship channel
- Policies:
 - To define the territory of public use
 - Parks and plazas along the waterfront
 - Act programme
 - The design of Park
 - Sustainable Park – Less disturbance but more ecological
 - Reduce private ownership – A whole public area

To Promote A Clean and Green Environment



- Aims:
 - Reduce the use of autos
 - Next generation transportation system
 - Flood prevention berm along the Don River
 - Re-naturalizing the mouth of the Don River
- Policies:
 - Local sustainable
 - Reclamation of the lake
 - Use of eco-friendly power
 - Storm water and sewage water management

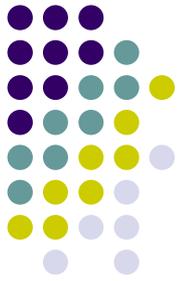
To Create Dynamic and Diverse New Communities



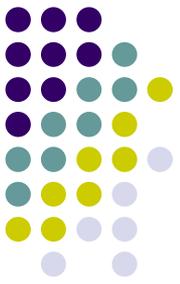
- Design:
 - Port Land - Green industries
 - West Don Lands – mixed-use communities
 - East Bayfront – Working and living
 - Exhibition Place – Work, Live, Celebrate
- Policies:
 - Balance of landuses
 - Housing option
 - Creating special places

Sites To Visit

- Western areas
- Toronto harbour
- Eastern areas



Western Areas



- The waterfront trail
 - Stretches from Niagara on the Lake to Brockville
 - Length: 740km



Western Areas

- Includes:
 - Communities, parks, and natural areas, arts and culture heritage, etc
- Uses:
 - Multi-use recreation trail
 - Commuting purposes



Niagara-on-the-Lake
(Niagara to Grimsby)



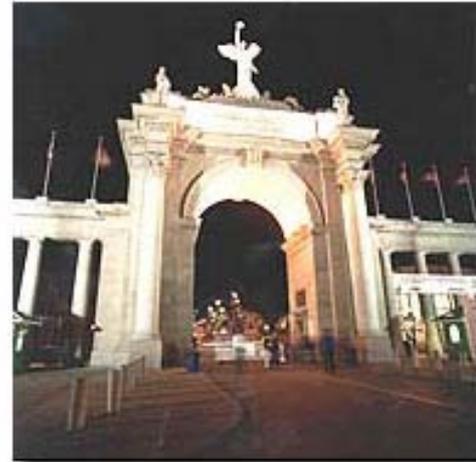
Toronto Port Land
(Hamilton to Toronto)



Breakwater Park - Kingston
(Kingston to Brockville)



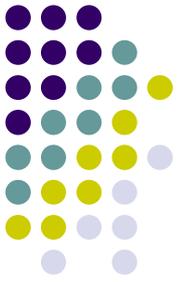
Western Areas



- Exhibition Place
 - Mixed-use property
 - A variety of buildings, open spaces and monuments
 - Hosts a wide array of activities year-round
 - Long history of stadiums for major league baseball and football teams



Western Areas



Direct Energy Centre, Canada's largest indoor exhibition hall.



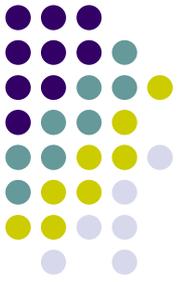
The Princes' Gates in 2005.

Toronto Harbour

- CN Tower
 - *CN* originally referred to Canadian National
 - Standing 553.33 metres tall
 - The world's tallest freestanding structure on land



Toronto Harbour



Glass Floor



360 Restaurant



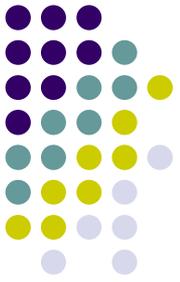
Toronto Harbour



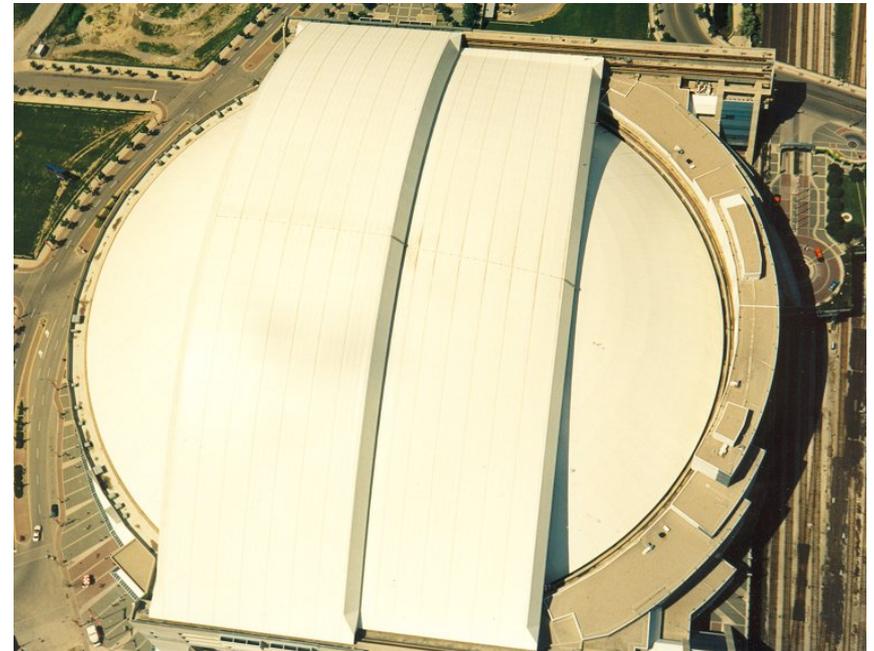
- Rogers Centre
 - Multi-purpose stadium
 - Primarily a sports venue, also hosts other large-scale events such as conventions, trade fairs, and concerts



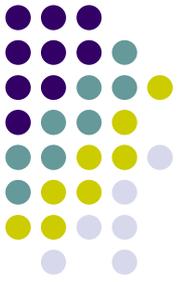
Toronto Harbour



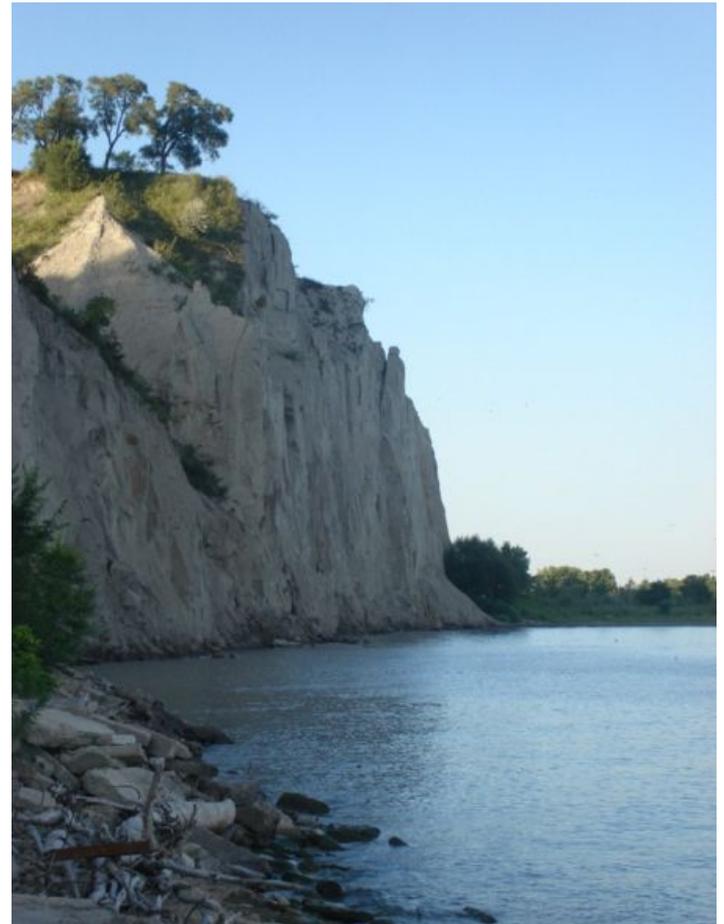
- The first stadium → have a fully-retractable motorized roof, as well as a 348-room hotel attached to it, with 70 rooms overlooking the field



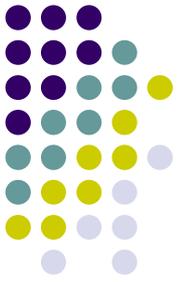
Eastern Areas



- The Scarborough Bluffs
 - An escarpment
 - On the top of the cliffs are a number of suburban neighbourhoods
 - The most prominent site → Bluffer's Park



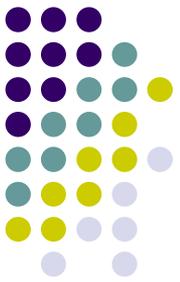
The Importance of Waterfront



- Waterfronts provide an excellent opportunity place live, enjoy art, recreate, shop, or relax by the water.
- Waterfront areas provide multiuse activities, improve social interaction and a sense of community.



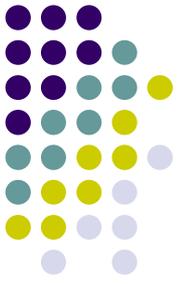
2005 WORLD'S BEST Cities



Rank	Name	Score
1	*Sydney	88.30
2	*Bangkok	87.08
3	Rome	86.26
4	Florence	86.20
5	Chiang Mai, Thailand	84.93
6	*New York	84.82
7	*Istanbul	84.78
8	*Cape Town	84.51
9	*Oaxaca, Mexico	84.41
10	*San Francisco	N/A

Sydney

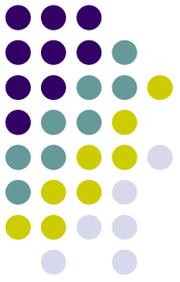
“...real excellence can be obtained in the design of landmark buildings by important architects...”



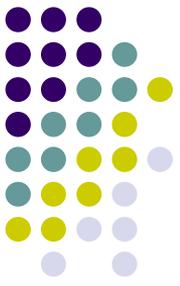
New York Waterfront



Waterfront Revitalization in the World



- London
 - Entirely transforming its evacuated docklands for living, working and leisure;
- New York
 - Replaced decayed piers with the hugely successful and profitable Battery Park City;
- Cape Town
 - Built a vital new entertainment and retail area in its operating portlands;
- Sydney
 - Reconstructing the central ex-industrial Pyrmont peninsula as an urban district



References:

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- TWRC (2006), <http://www.towaterfront.ca/index.php?home=true>, last accessed: 21/3/07
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~THE END~