Singapore
City in a **Garden**

History

- **1900 – Over 90% of original forest in Singapore had been cleared for development and agriculture**

- **1960s – Increasing urbanisation and concretization, poorly maintained parks, unmanaged greenery, few roadside trees**

Vision
Given by Founding Prime Minister Mr Lee Kuan Yew

Vision

- Greening of the city amidst rapid urbanisation

- Motivations behind the vision:
  - ➢ To provide Singaporeans with the best possible living environment in the face of increasing urbanisation
  - ➢ To give visitors a good impression of the country and persuade potential investors of the commitment, discipline and efficiency of the government
  - ➢ To improve the morale of the citizens and allow them to take pride in their environment

"Even in the sixties, when the Government had to grapple with grave problems of unemployment, lack of housing and education, I pushed for the planting of trees and shrubs. I have always believed that a blighted urban jungle of concrete destroys the human spirit. We need the greenery of nature to lift up our spirits. So in 1967, I launched the Garden City programme to green up the whole island and try to make it into a garden."

- Mr Lee Kuan Yew, 20 Oct 1996

Nature Ways

From Garden City
to City in a Garden

Pervasive greenery

Rich biodiversity

Community ownership

City in a Garden Vision

6 **Strategic Thrusts**

- ❑ Establish world-class gardens

- ❑ Rejuvenate urban parks and enliven our streetscape

- ❑ Optimise urban spaces for greenery and recreation

- ❑ Enhance competencies of our landscape and horticulture industry

- ❑ Engage and inspire communities to co-create a greener Singapore

- ❑ Enrich biodiversity in our urban environment

Establish
world-class gardens

- Singapore Botanic Gardens
  - ➢ Centre for heritage and botanical excellence
  - ➢ Singapore's First UNESCO World Heritage Site Nomination

- Gardens by the Bay
  - ➢ International horticulture attraction

- Jurong Lake Gardens
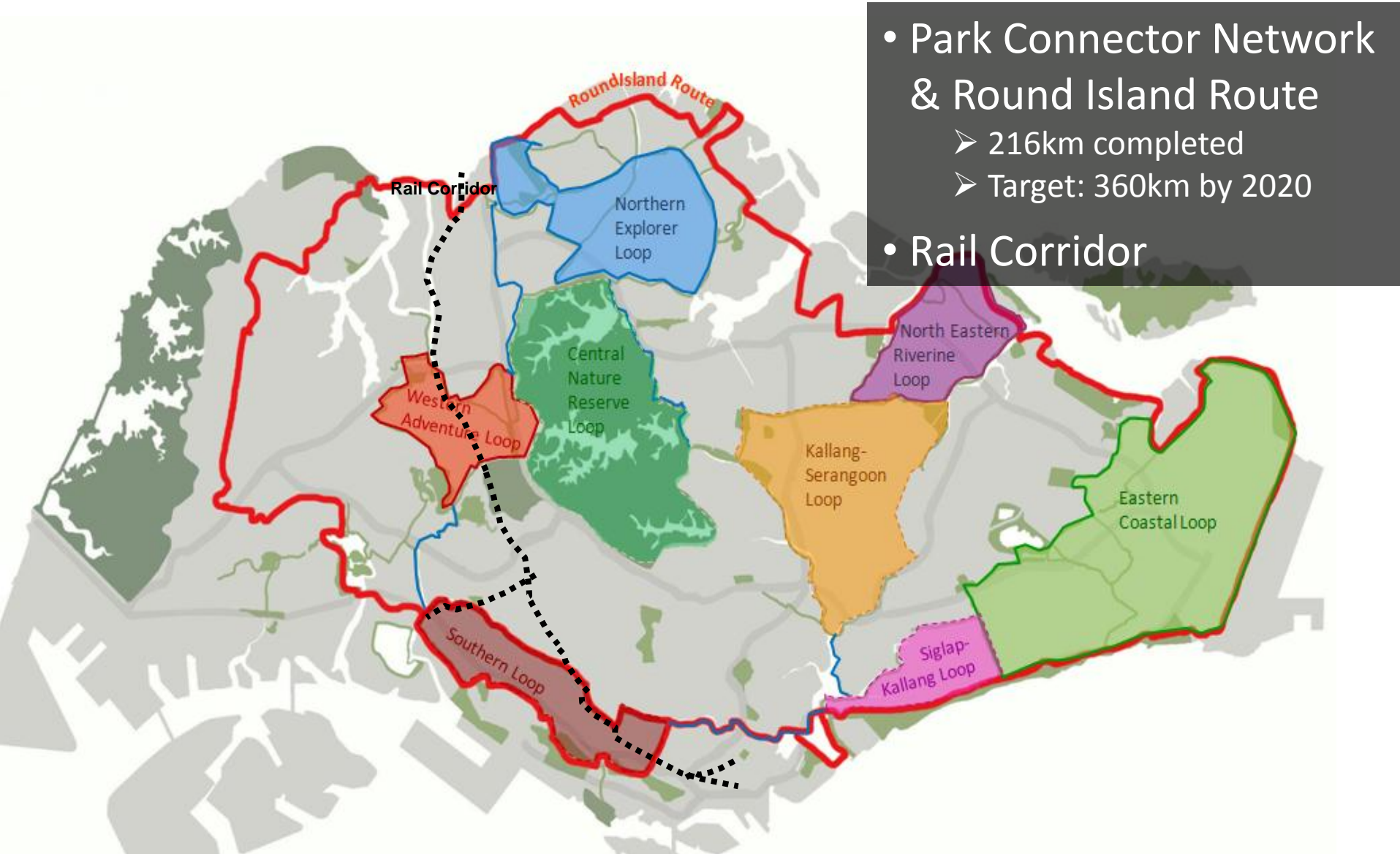 - ➢ Singapore's first iconic gardens in the heartlands

Rejuvenate
urban parks and enliven our streetscape

- Enhance experience across all parks

- Destination Parks
  - ➢ East Coast Park
  - ➢ Admiralty Park
  - ➢ Jurong Lake Garden West (part of Jurong Lake Gardens

- Streetscape Gardens

Jurong Lake Park

Streetscape Garden

Admiralty Park

Optimise
urban spaces for greenery and recreation

- Park Connector Network & Round Island Route
  - 216km completed
  - Target: 360km by 2020

- Rail Corridor

Optimise
urban spaces for greenery and recreation

- **Skyrise greenery**
  - ➢ 65 ha to-date

- **Create spaces for communities e.g. parks under viaducts**

Parkroyal on Pickering Outstanding Award winner of Skyrise Greenery Award 2013

Enrich
biodiversity in our urban environment

Our Rich Biodiversity

What we have

- **2145** native vascular plant species
- **94** mammal species
- **364** bird species
- **98** reptile species
- **29** amphibian species
- **66** freshwater fish species
- **301** butterfly species
- **131** dragonfly species
- more than **400** spider species
- **35** true mangrove tree species

- **12** seagrass species
- **255** hard coral species
- **50** sea anemone species

From Conservation Marine Biodiversity Survey

- **200** new records
- **100** species new to science

Legend

Water	Scrubland
Non-vegetated	Young Secondary Forest
Managed Vegetation	Old Secondary Forest
Mangrove Forest	Primary Forest
Freshwater Swamp Forest	
Freshwater Marsh	

0   5   10   20 km

Enhance
competencies of our landscape and horticulture industry

- **Advance industry development**
- **Increase productivity**
- **Research Masterplan**

Engage
and inspire communities to co-create a greener Singapore

- **Community in Bloom**

- **Community in Nature**

- **Immersing nature in our education**

CHALLENGES AHEAD

- Balancing Singaporeans' rising lifestyle aspirations and the need to remain economically competitive, with limited land space

- Balancing urban development, the conservation of natural habitats, and the enhancement, rehabilitation and restoration of biodiversity

- Encouraging community to take greater ownership of greenery and biodiversity conservation and managing their role in conserving the environment in Singapore

Get involved

- Take part in our programmes and initiatives

- Go on a guided walk at our parks, gardens and nature reserves
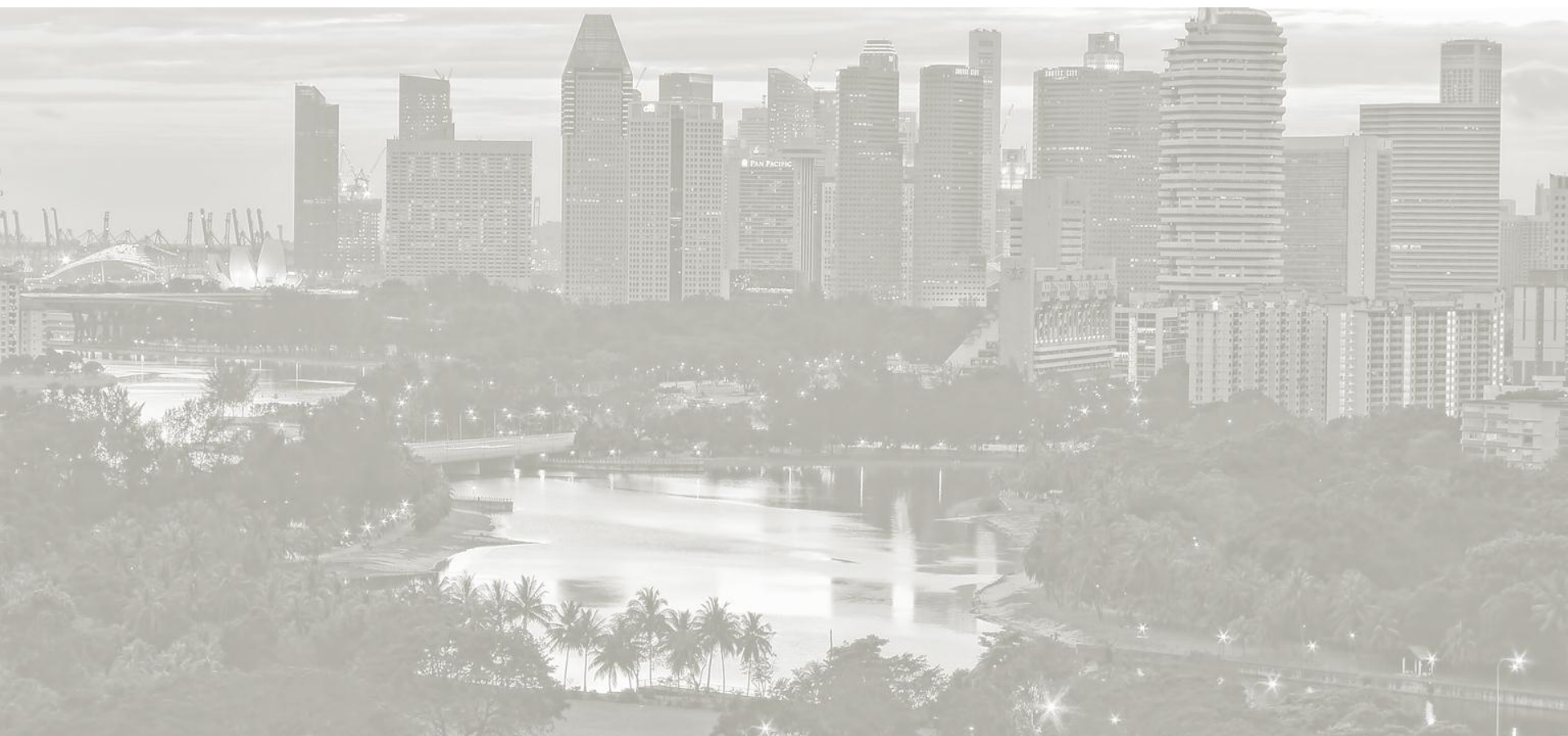
- Sign up to be an NParks volunteer

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