

ENVIRONMENT EDUCATION IN SINGAPORE

Outline

- Introduction
- 3P Partnership Strategy
 - Building awareness / Communication
 - Capacity building / Engagement
 - Action / Empowerment
- Showcase platforms
- Recognition platforms
- Monitoring and Feedback Mechanisms



Introduction

– Formal environmental education

- Lead Agency: Ministry of Education
- Made environmental education part of the school curriculum.
- Schools play vital role in educating the young.
- A criteria in the School Excellence Model.
- Incorporated recycling, energy and water conservation into the formal curriculum of subjects like geography, social studies and science.
- Review and update the curriculum to generate more academic interest e.g. in clean energy and water technology.



Introduction

– Informal environmental education

- Lead Agency: National Environment Agency
- Rolls out various education programmes, supported by 3P inter-agency partners.
- Encourage and train teachers and students to develop own environmental initiatives (Environmental Education Advisors).
- Trains youths to conceptualise and implement projects through the Youth Environment Envoy (YEE) programme.
- Conduct “Learning Journeys” to incineration plants, Semakau landfill and meteorological stations.



Who are the **players?**

Public

- Government
- Public ownership

People

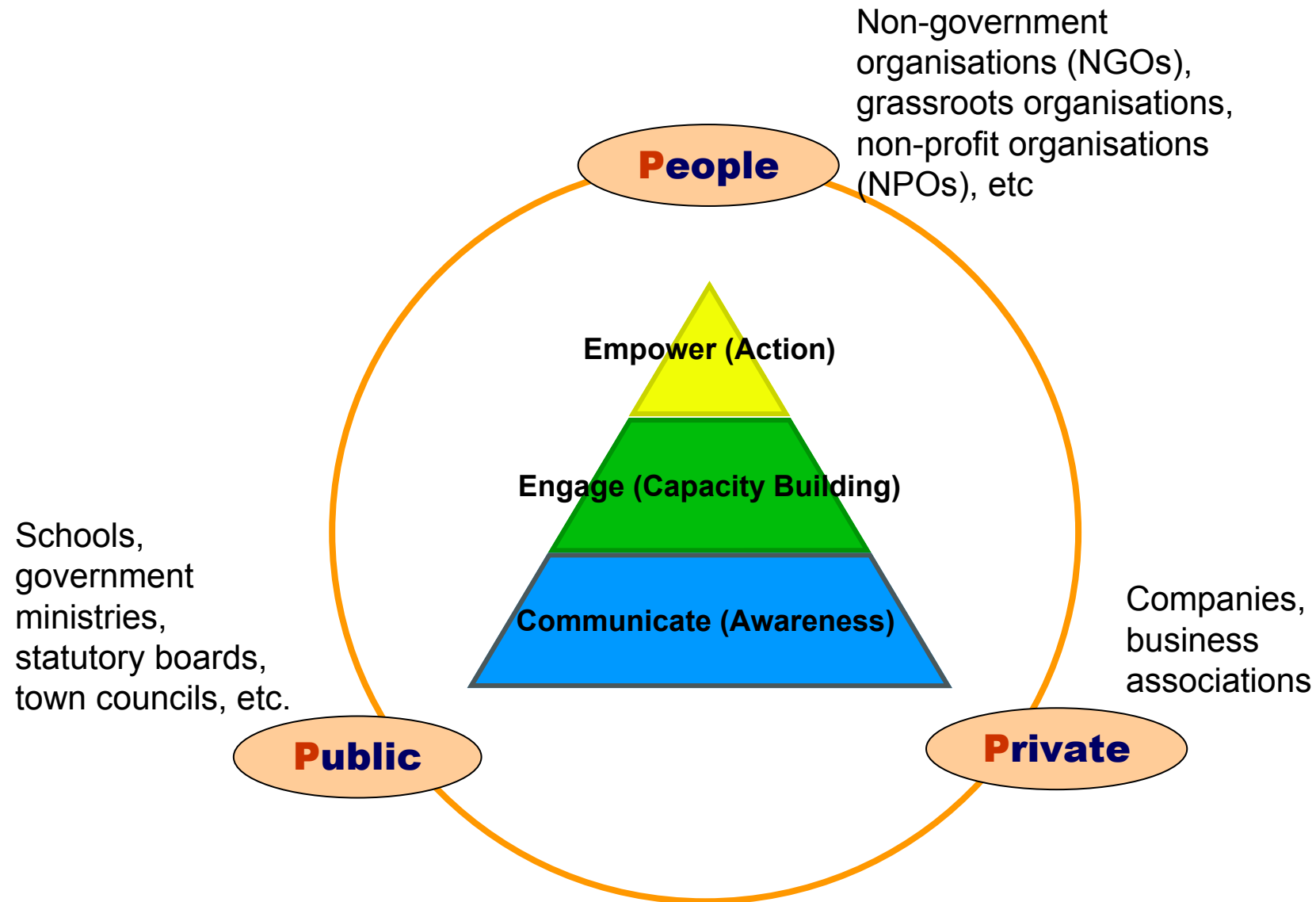
- Community
- Social Sphere

Private

- Industry
- Corporations; Entrepreneurs



3P Partnership Strategy



3P Partnership Strategy

How do we operationalise our strategy?

- Work in partnership with 3P sectors to:
 - Initiate
 - Implement
 - Hand over environmental education programmes and projects
- Support and Service package for activities by 3P partners
- Facilitate partnership between 3P partners



Building Awareness / Communication



Resource and Educational
Materials

Building Awareness / Communication



Environmental
competitions and camps

Environment Clubs /
Community Involvement
Programmes

Building Awareness / Communication



Learning visits /
Field trips



Talks and exhibitions

Building Awareness / Communication



Environmental Education Hub
(Marsiling Secondary School)



Climate Change Exhibition at
Science Centre Singapore



Building Awareness / Communication



Our Environment - Sustain and Enjoy



Search

Home : About Us : Programmes : Resources : Funds & Incentives : Awards : Online Services

Business

Individual

School



Weather Till 12AM, 10-03-2009

24 - 29 °C

Showers with thunder over many areas in the afternoon.

More Detail

PSI Update

Sun, 08 Mar 09 | 41

More Detail

Subscribe to our RSS



Latest Happenings

Nominations for the 2009 Eco-Friend Awards are now OPEN

HELP KEEP OUR AIR CLEAN
GO SMOKE-FREE



CRPNS will be operating from Environmental Building (Level 10) from 22 Dec 08 onwards.

More

Latest Campaigns



10% Cheaper
Fight
Climate
Change
More



Click
Sign
Adopt
Env
Friendly

Drink cartons are not rubbish, he tells paper mills



MISSION TO RECYCLE: Drink-carton fibres can safely be made into paper products, said My Ong.

stay cool with rooftop garden



CONCRETE: "We have seen how good it is for the project, which is to be a model for other buildings to follow."

Capacity Building



Student Environment
Champions / Youth
Environment Envoys



Environment
Champions
(Community)



Corporate
Environment
Champions

Capacity Building

Anti-littering projects and Arts
Take part in recycled-art initiative
in school can be the fun
nmental act



(Pri/Sec/JC/ITE
School)



(Preschool)

Environmental
Education Advisors



Resource Conservation
Badge

Engagement



Engaging schools on recycling (Recycling Corner)



Engaging community on personal hygiene



Engaging the community on dengue prevention

Engagement



Engaging the community on using less plastic bags



Engaging the community on litter-free efforts

Engagement



ENERGY CHALLENGE

YOU SAVE. YOU WIN.

Engaging the community
on energy efficiency



Engaging the community on
conserving electricity



Engaging the community
on recycling

Action / Empowerment



Corporate And School
Partnership Programme (CASP)



Action / Empowerment

- Schools step forward to organise environmental initiatives



International Youth
Environment Seminar
(Nan Hua High)



Regional Environmental
Science Conference
(Nanyang Girls' High)



Environmental Education
Seminar (Just One Earth)
(Commonwealth Sec)



Action / Empowerment

Environmental Challenge Organisation (Singapore)



**National
Youth
Assembly**



Action / Empowerment

City Developments Limited



CITY DEVELOPMENTS LIMITED



- Project Eco Office
- Homes with environmentally-friendly features



CapitaLand Limited



- “Building a Greener Future” @ CapitaLand Malls
- “Green For Hope” for school



Action / Empowerment

Bayer

- Bayer Eco-Innovate Programme
- Bayer Young Environmental Envoy Programme



Senoko Power

- National Weather Study Project



Sembawang Shipyard

- 'Green Wave' Environmental Care Projects



3P Partnership Strategy

4-pronged approach is used to operationalise the vision

- Programmes
- Showcase Platforms
- Resources
- Recognition



Resources to support our partners



- **3P Partnership Fund**
 - To encourage synergies between partners on innovative and sustainable environment initiatives
- **Environmental Club Fund**
 - To encourage primary, secondary and junior colleges to set up environmental clubs and/or carry out environmental activities

Showcase Platforms

- Clean & Green Singapore (CGS) campaign
 - *Concerted national endeavour to inspire our people to care for and protect the environment by **adopting an environmentally-friendly lifestyle** and enjoying its benefits*
 - (30 Oct 09 to 1 Nov 09)



Showcase Platforms (CGS)

CGS Launch Ceremony



CGS Schools' Carnival



Showcase Platforms (CGS)

Semakau CEO Run



Recycling Day



Showcase Platforms (CGS)

Conference for
Environment Champion



Clean & Green Ribbon
Pledge



Recognition Platforms

- **President's Award for the Environment**
 - Highest accolade in Singapore to recognize and honour monumental contributions by individuals, organizations and companies in achieving environmental sustainability in Singapore
- **Clean & Green Singapore Awards**
 - Recognises outstanding contributions by the grassroots
- **Schools' Carnival Certificates & Plaques**
 - Recognises partnerships between schools and industry
- **EcoFriend Awards (since 2007)**
 - Recognises outstanding individuals who have contributed to the environment



Clean and Green Singapore Awards



2009 EcoFriend Winners

Monitoring and Feedback Mechanism

- Regular dialogue / networking sessions and focus groups discussions
- Surveys of general population and partners (e.g. Knowledge, Attitudes, Beliefs and Practices (KABP) Survey)
- Feedback and results of surveys are used to fine-tune NEA's environmental education programmes and Partnership Strategy



Thank You

