

# Sharing Session With NGOS

### TUNG WAH GROUP OF HOSPITALS TO MOVE TOWARDS A GREEN ORGANIZATION

24 September 2009



# OUR EARLY EFFORTS IN ENVIRONMENTAL PROTECTION











# MEDICAL & HEALTH Services



Green Hospital Awards Gold Awards to KWH and TWGHs WTSH



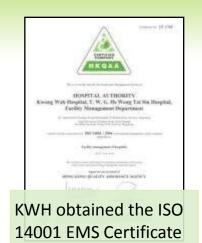
Photovoltaic panel at KWH



New heat pump system at KWH



Chinese Medicine dispensaries have installed water scrubbers







# **COMMUNITY SERVICES**



Qing Yan Furnace

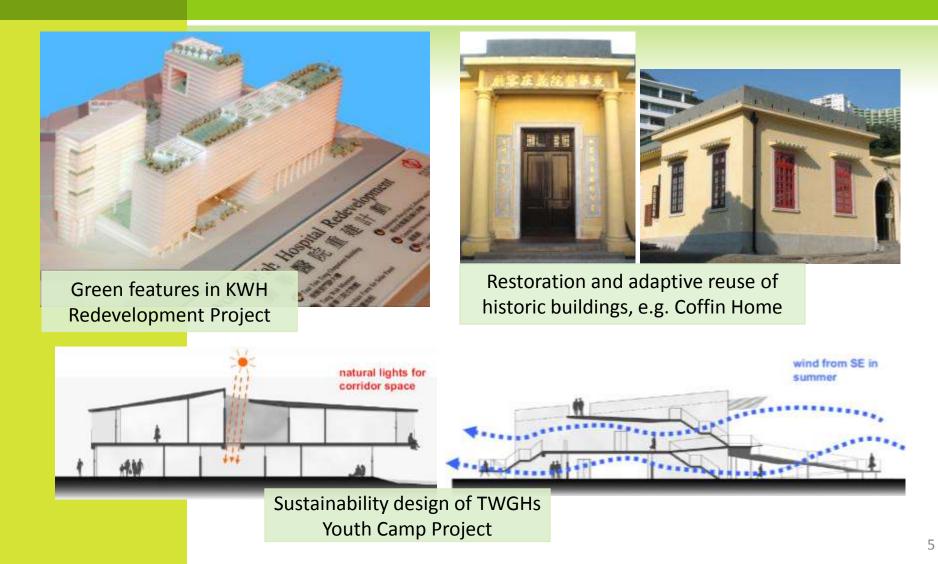








# GREEN BUILDING & SUSTAINABILITY





# GREEN PROCUREMENT AND PROPERTY MANAGEMENT

#### Green Procurement

 Green specifications for commonly used items such as vehicles, recyclable stationery and papers, lunch boxes



#### Property Management

- Quality Water Recognition Scheme
- Collection of waste paper, plastic, metals and rechargeable batteries
- Green Office house rules





# **EDUCATION SERVICES**



One Person, One Flower Scheme organized by LCSD



Championship in the senior group section in an urban design competition





TWGHs Leo Tung-hai LEE Primary School and TWGHs Ko Teck Kin Memorial Kindergarten

Championship in the junior primary school section and the kindergarten section in the Story-telling Competition on "Healthy Wetlands, Healthy People"



# ONE STEP FORWARD

**Consolidation of Previous Green Experience** 

#### TWGHs is committed to pursue a

#### **TOTAL ENVIRONMENTAL APPROACH**

in operating its Medical, Education and

**Community Services** 



# PARTNERSHIP BETWEEN ECF AND TWGHS TO MOVE TOWARDS A GREEN ORGANIZATION





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## PROCESS TO BUILD UP THIS GREEN PROJECT









#### GREEN PROJECT WORKING GROUP

Green Project Working Group set up at the

**Divisions/Branches** 





 Green Managers appointed to promote green initiatives and assist in implementing the Group's green house rules

executive level, comprising representatives of all

A New Green Chapter in Annual Reports and Annual Plans





# **PROJECT INCEPTION**



Green Tour to visit Lamma Winds



Visit to Organic Farming at Hok Tau Village



Visit to Long Valley Wetland



Green Education & Resource Centre



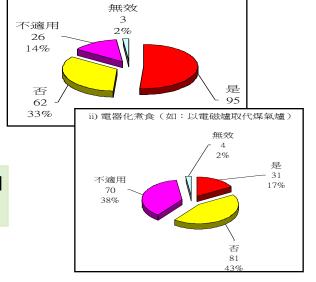
# **PROJECT INCEPTION**



Environmental Talks



Briefing Session of Environmental Management Survey



6. 舊電腦/電器用品







Meetings with Green Groups and External Environmental Consultancies Questionnaire Survey on Environmental Management



#### ENVIRONMENTAL STEERING COMMITTEE & ENVIRONMENTAL WORKING GROUP



Environmental Steering Committee

- SC and EWG have been set up in 2008
  - To steer the Group towards environmental conservation;
  - To **monitor and review** the Group's environmental performance;
  - To **identify** areas for improvement; and
  - To **formulate** future environmental policies.

Environmental Working Group





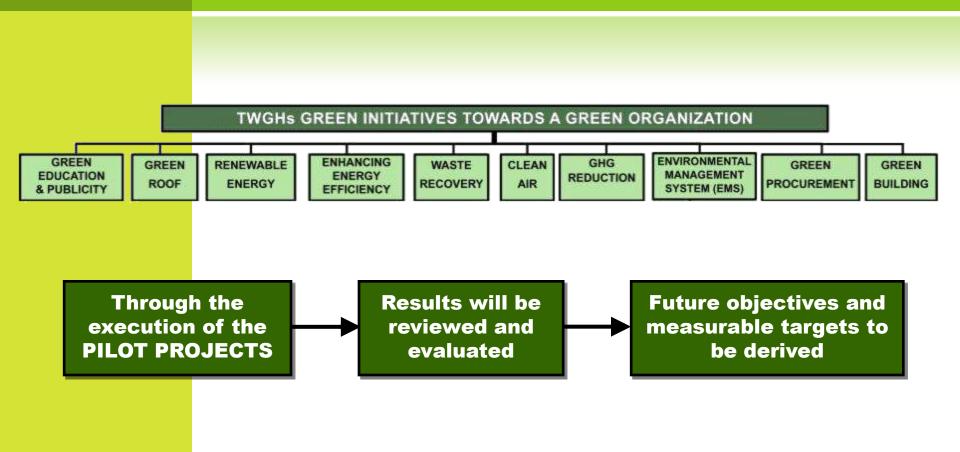
# **GREEN STRATEGIES**

- Green Governance
- Green Education
- Green Procurement
- Go Green on Energy
- Conservation of Resources
- Pollution Reduction
- Green Building





# **GREEN INITIATIVES**







Green Roof and Monitoring & Data Evaluation







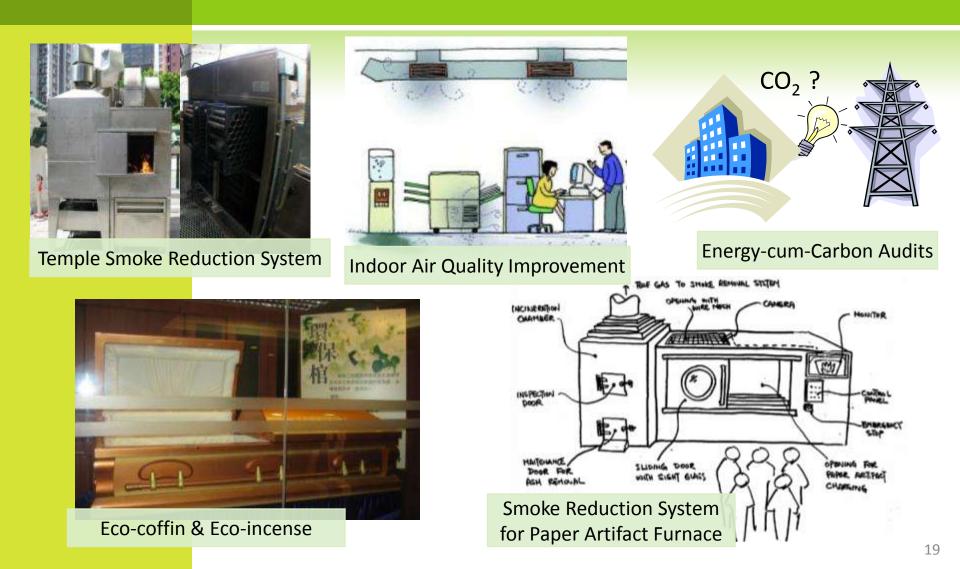


Waste Source Separation















#### Green Education, Publicity & Communications Programme

#### • Green Learning

- Design diversified learning and fun programme
- Inter-school Competition
- e-Green Learning
- Joint-schools Workshops/ Seminars

#### Communication Programme

- Launching Ceremony
- "Greening" the Charity Gala 2009
- Web pages
- O Green Chapter







#### SELECTION CRITERIA FOR IMPLEMENTATION OF GREEN PILOT PROJECTS

- $\bigcirc$ Hospitals  $\bigcirc$ Schools

Social Services Building

- Representation of Building Types
- Availability of Space for Projects
- Suitability of Site for Projects

Set a Role Model for Others

- Accessibility by the Public
- Osers' Participation

Suitability for Solar Films?



Users' Participation in using solar water heating



Enough space for green roof?



Any fence and accessible by students?



# **COST ESTIMATION**





# **ECF** APPLICATION





## OUR WISH TO INFLUENCE THE COMMUNITY



- **MULTIPLYING EFFECT** will be triggered by Tung Wah to provide positive influence to the Community
- Create platform for Tung Wah's stakeholders to learn and appreciate green living through Pilot Projects:
  - No. of students over 29,000
  - No. of staff over 10,000
  - No. of services recipients/ attendance over 1.7 million
- Set a role model for other organizations and industries



C

## **PROJECT IMPLEMENTATION**







#### LAUNCHING CEREMONY FOR TWGHS TO MOVE TOWARDS A GREEN ORGANIZATION 21 MARCH 2009



Stage Performance「保護濕地齊齊rap」



Mr. Edward YAU Tang-wah, JP, Secretary for the Environment conducted an Interview Session with Students





Group Photo with Mr. Edward YAU Tangwah, JP, Secretary for the Environment



## GREEN WEB PAGE





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AN INVESTIGATION CONTRACTOR VALUES AND ADDRESS OF TAXABLE PARTY OF TAXABLE



# WHAT'S NEW



Kick-off Ceremony for TWGHs Little Green Angel – Children Green Education Programme 24 September 2009 Joint Schools Mascot and Slogan Design Competition for Green Living



# MASTER PLAN

	Task Neme	Duration	Start	Finish			10000	1000		- Contractor	Trans.	1.000	10000	1000	1.00	10000	10000	1000	11010
4		22.4	F. ( 07 /00 /00	Mon 07/09/09	2009		4009	1010	2010	3010	4010	1011	2011	3011	4011	1012	2012	3012	4012
-1	Inception Stage Inception Report	22 days 22 days		Mon 07/09/09 Mon 07/09/09															
4						~													
	Review Stage Green Governance		Mon 24/08/09 Mon 24/08/09	Fri 22/10/10		Q	E				1.024					_			
_		306 days						1	_		_								
	Review Report on Group's Current Environmental Practices/ Policies Hotline	87 days 718 days	Thu 03/09/09 Mon 02/11/09	Fri 01/01/10			1 m -	Ĩ	_										
-					1		-												
4	Monthly progress Report	737 days	Thu 10/05/09	Thu 05/07/12	3		1												
	Half Yearly Interval Progress Report	648 days	Fri 05/02/10 Thu 05/08/10	Tue 31/07/12 Fri 05/08/11					11	1000	_			10000	_	_	1	-	
9	Yearly Interval Progress Report	262 days		states (Included Statistics)		22.0				-				-				Sec. 1	
	Proposed Green Initiatives Stage		Mon 27/07/09			÷											1		
	Implementation of Green Building Strategies	262 days	Fri 01/04/11	manufacture in a second second									÷		_				
6	Improvement Plan	32 days	Fri 27/64/12		1												Q		
	Green Initiatives	745 days	Mon 27/07/09		6		_	_				_	_	_	_	_	_		
	Site Visit (1st Batch)	4 days	Mon 27/07/09	Thu 30/07/09	1	Ψ													
	Site Visit (Znd Batch)	12 days	Mon 03/08/09	Tue 16/08/09		99													
2	Waste Source Separation	26 days	Fri 31/07/09	Fri 04/09/09		0-0													
4	Green Roof at Yau Tze Tin Memorial College	198 days	Wed 16/09/09	Thu 17/06/10			_	_	-	<b>P</b>									
1	1st Phase (Pilot Projects) Lott	315 days	Mon 05/10/09	Thu 16/12/10			÷	-	-	-		P							
2	LED Exit Signs	315 days	Mon 05/10/05	Thu 16/12/10			÷	-	-	<u> </u>		Þ.							
7	Motion Sensors / Solar Films	315 days	Mon 05/10/09	Thu 16/12/10	1		v	-	_			£							
2	Lighting Retrofit	315 days	Mon 05/10/09	Thu 16/12/10	1		Q	_	-	-		<b>x</b>							
7	Energy efficient Room-coolers	315 days	Mon 05/10/09	Thu 16/12/10	9		÷	-	_			P							
2	Green Roofs	315 days	Mon 05/10/09	Thu 16/12/10	1		÷	-		-		P							
7	1st Phase (Pilot Projects) Lot2	313 days	Mon 01/02/10	Wed 13/04/11				-	-		_								
8	PV Panels	313 days	Mon 01/02/10	Wed 13/04/11	1			-	_		_	_							
3	Small Wind Turbine	313 days	Mon 01/02/10	Wed 13/04/11				-	-	-									
6	Small Composting Machine	313 days	Mon 01/02/10	Wed 13/04/11	1			-	-	-		-	-0						
3	ISO 14001	300 days	Mon 01/02/10	Fri 25/03/11	1			-	-	_	_	-	φ						
1	2nd Phase (Pilot Projects)	520 days	Fri 04/06/10	Thu 31/05/12	1			24210		_	_			_	_	_			
2	Solar Water Heating	313 days	Fri 04/06/10	Tue 16/08/11	1						_		_						
7	Temple Smoke Reduction System	313 days	Fri 04/06/10	Tue 16/08/11	1					_	_	_	_						
2	Smoke Reduction System for Paper Artifact Incinerator (Delayed by Client)	313 days	Tue 22/03/11									1	-		_	-			
7	Energy-cum-Carbon Audits	313 days	Thu 01/07/10							÷—	_	-	_		φ				
2	Indoor Air Quality Improvement	313 days	Thu 01/07/10	Mon 12/09/11						÷			_		Ψ				
_ <b>j</b>	Formulation of Recommendation Stage (To be confirm)	1 day	Man 03/08/09			•				1									
	Final Report	32 days	Mon 18/06/12	Tue 31/07/12													1 3		
	Programmes on Green Education (Activity to be	740 days	The 01/10/09	Tue 31/07/12			• <u> </u>	-	-	-		-	_	_		_	_	-	
6	determined by the TWGHs) Green Talk	697 days	Thu 01/10/09	Thu 31/05/12			_		_	_	_			_		_	1		
5	Study Tours	545 days	Thu 01/10/05	Tue 01/11/11						1					1000				
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6	Green e-Learning Green Living - Environmental Education Programme for TWGHs Kindergartens	632 days 100 days	Sat 23/01/10					-											
19	Green Video	697 days	Thu 01/10/09	Thu 31/05/12				_	_	_	_	_	_			_			
160	BMT Asis Papilic Solt	Proj	yrazs		Summa	ny Summary	-	-	External External	Tasks Milestone	¢	_	Deadline	Te	enta	tive	Pro	ara	mm



# LOOKING FORWARD

- Incorporate sustainability principles and measures in operating its medical, education and community services
- Ontinue its efforts in the pursuit of achieving various environmental, social and economic targets to meet the sustainability challenges ahead



Attain a high-quality and sustainable living environment for the community and the future generations



# THANK YOU!