



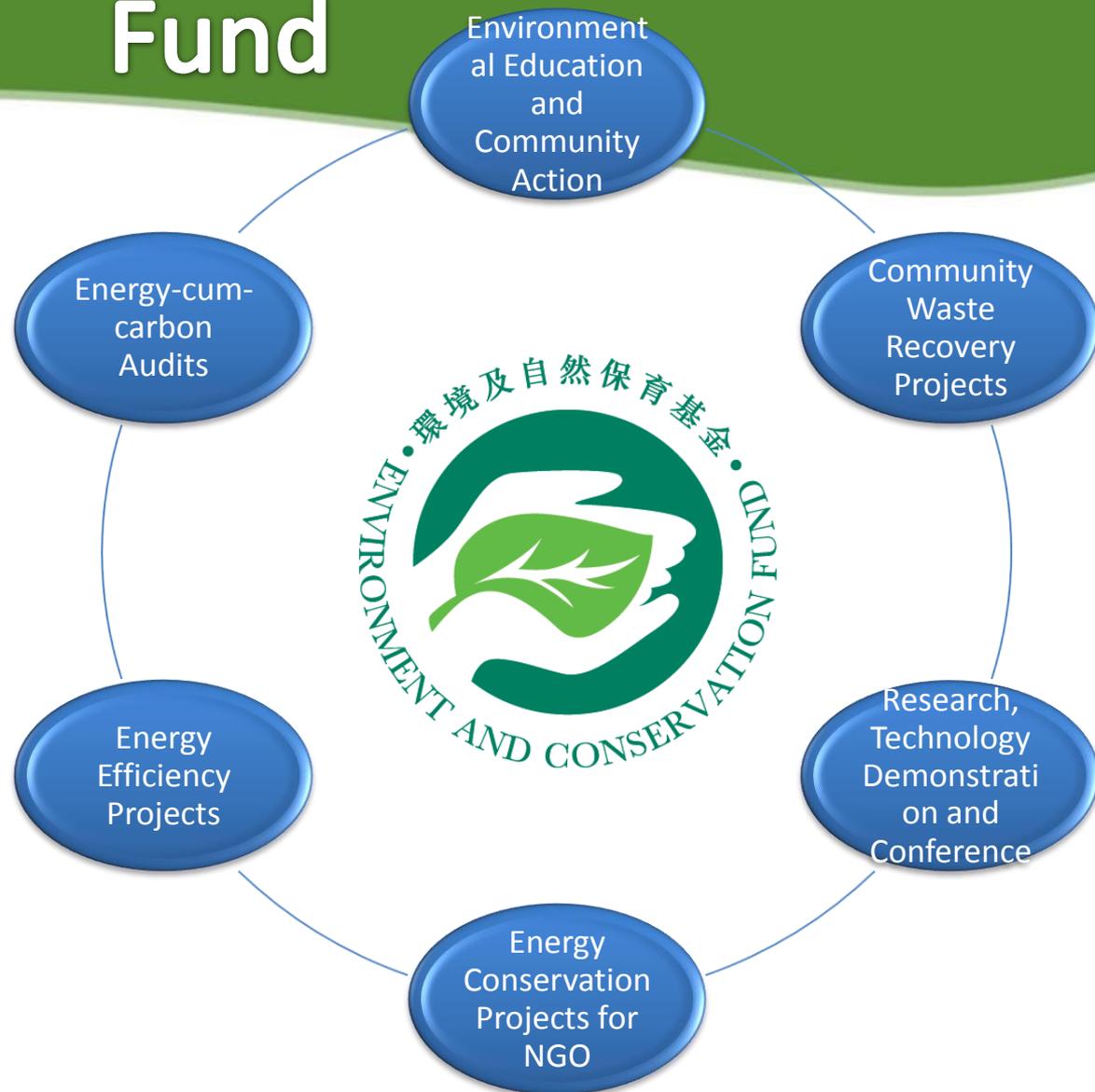
# Promoting Greening with the Environment & Conservation Fund (ECF)



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# Environment and Conservation Fund

- Set up in 1994
- Start to have Minor Works Projects from 2008
- Up to now:
  - >460 projects
  - >\$160M approved
- Greening projects:
  - ~\$60M



# Eligible Applicant

- Non-profit making organisations in HK
  - Schools and charitable organizations
- Private institutes
  - private kindergartens, ESF and international schools
- All applications should be non-profit making.



# General Greening Works

- Green Podiums/Roofs



Maryknoll Fathers' School  
(Primary Section)

- Vertical Green Walls

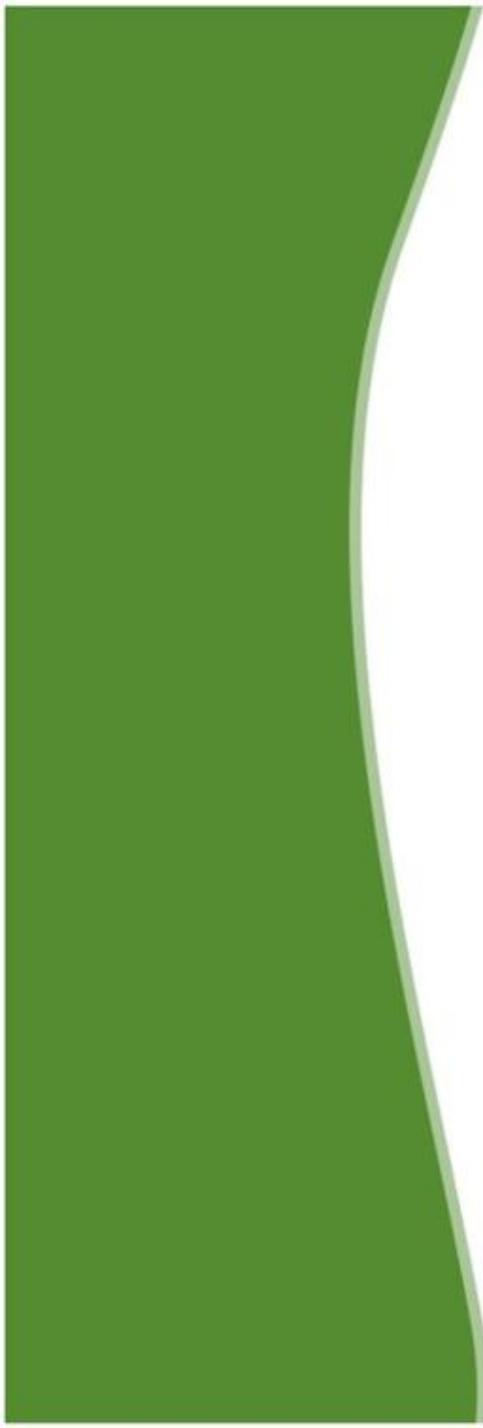


San Wui Commercial Society School

- Organic Farming



Yan Chai Hospital No 2 Secondary School



Why rooftop greening  
at schools?

# Increasing Green Space

- Green space for leisure



Maryknoll Fathers' School (Primary Section)



The Jockey Club Eduyoung College



# Increasing Environmental Efficiency

- Reducing urban heat island effect
- Improving air quality
- Improving heat insulation and energy efficiency



Lok Sin Tong Leung Kau Kui College

# Enhancing Educational Resources

- To create nature-like classroom

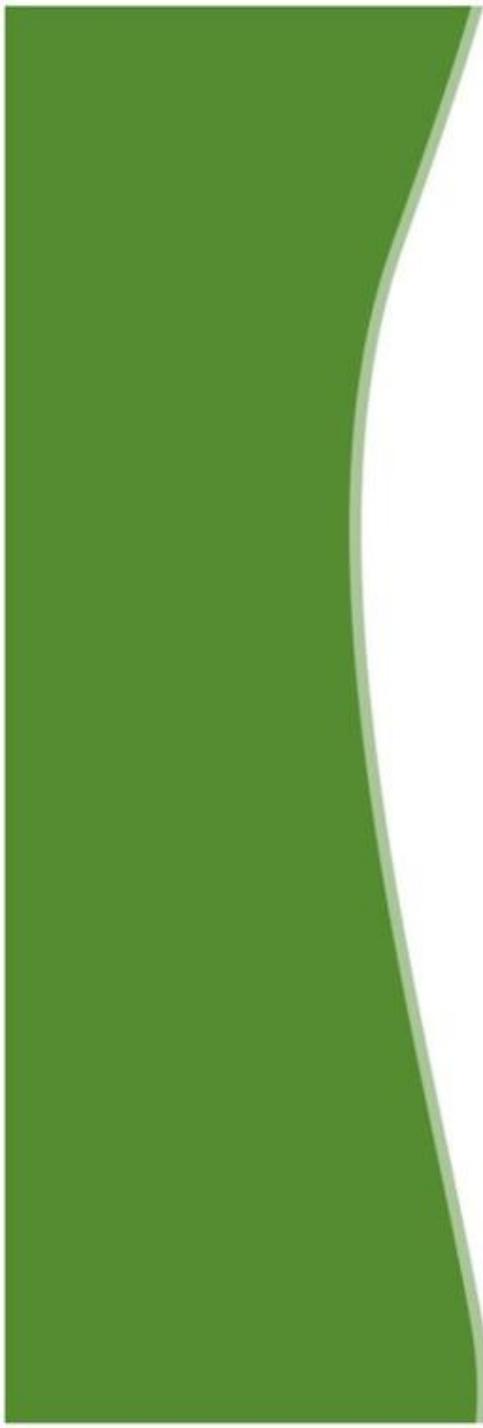


T.K.D.S Fong Shu Chuen School



Sik Sik Yuen Ho Fung College





How to apply ECF?

# What should be prepared for the application?

- Photos of installation location and floor plans
- Maintenance record of waterproof layers
- Design of greening project
- Quotation for reference



Greening project design plan



# Greening Projects – Points to Note

- ✓ Choice of location, roof's condition such as life time of waterproof layer
- ✓ Students' accessibility, fence around the area with height  $\geq 2.5\text{m}$ ?
- ✓ Adequate space left for users and maintenance staffs after installation
- ✓ Sufficient manpower and time



Cumberland Presbyterian  
Church Yao Dao Primary  
School



# Vetting Procedure

Application received & supplementary information may be requested if required.

To vet applications in regular meetings of vetting sub-committee

Inform applicant the result generally in 4 months.

# Granting Approval from Government Departments

To engage an AP for feasibility study



To assess any change to building structure



To submit the feasibility reports & project details to EDB



Submit plan to BD/ICU of HD for approval (if required)



Plan submission to BD/ICU of HD under Buildings Ordinance required?

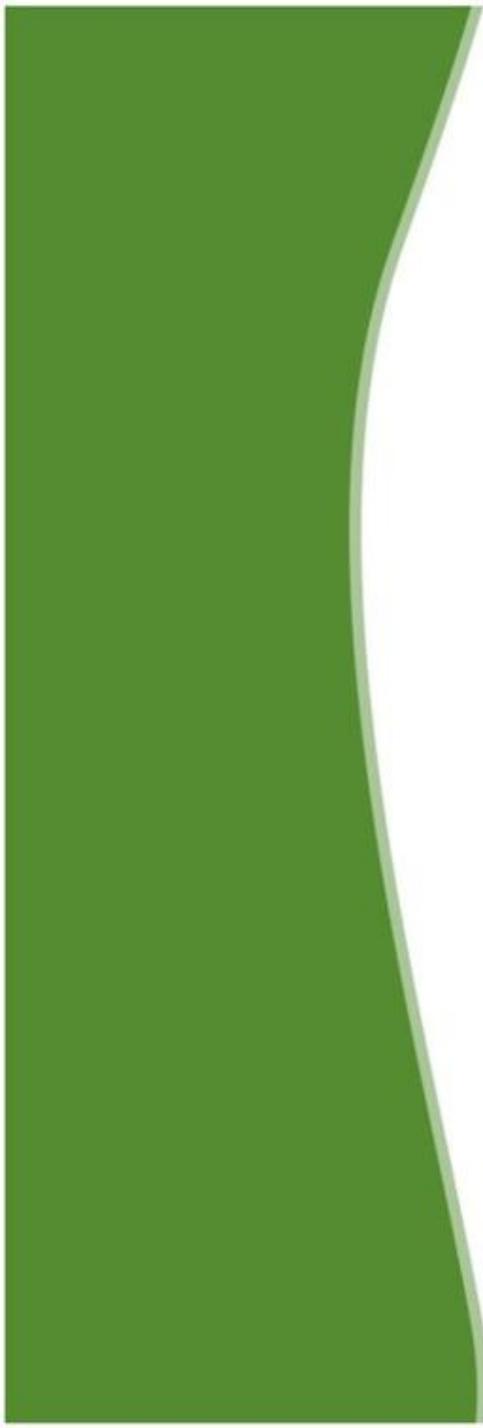


EDB to collect opinions of other government departments



Can start work if

- EDB notified the school of its approval
- Plan approved by BD/ICU of HD



# Green Roof Installation

# Bare roof



Work progress in San Wui Commercial Society School



# Green Roof under Construction



Work progress in San Wui Commercial Society School

# Layering materials

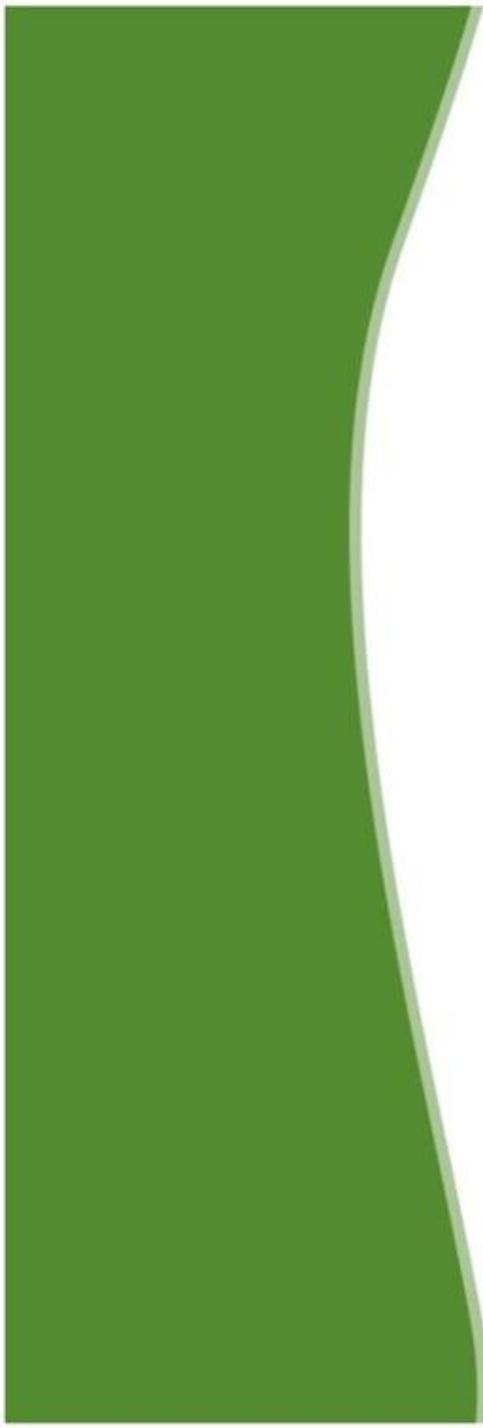


Work progress in San Wui Commercial Society School

# Completed



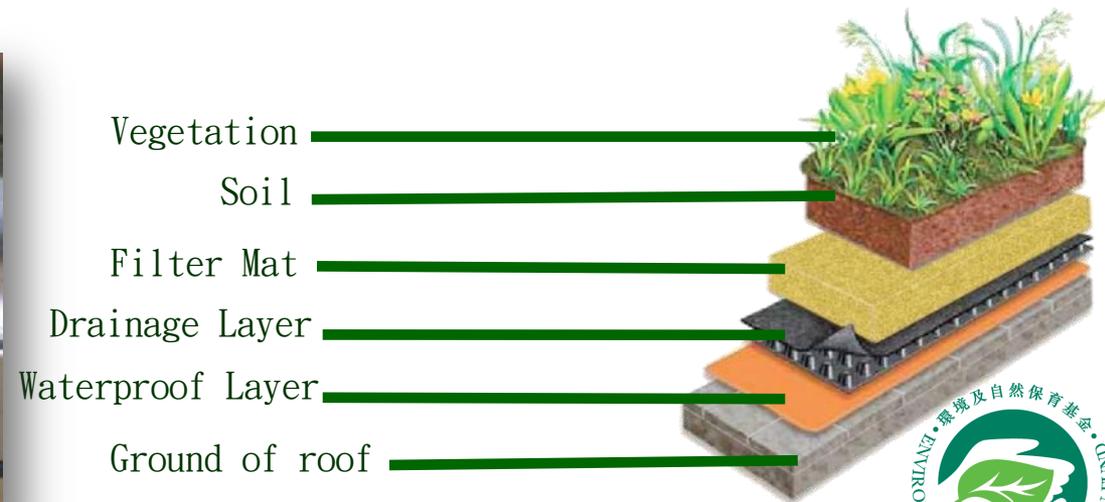
Completed green features in San Wui Commercial Society School



# Green Roof as Education Tools

# Green Roof Model

- Supervising the installation process
- Comparing product qualities from suppliers
- Learning the composition of Greening System



# Establishing Natural Classroom

- To organize plantation activities: Irrigation, trimming and removal of weeds
- To observe the growth of vegetations
- To learn vegetation species and characteristics



T.K.D.S. Fong Shu Chuen  
School  
-Green Paradise



Our Lady of the Rosary  
College  
- Living in Conservation



# Seminar / Workshop



Seminar on Green Roof -  
Our Lady of the Rosary College



Seminar on Green Roof –  
San Wui Commercial Society  
Secondary School



# Competitions

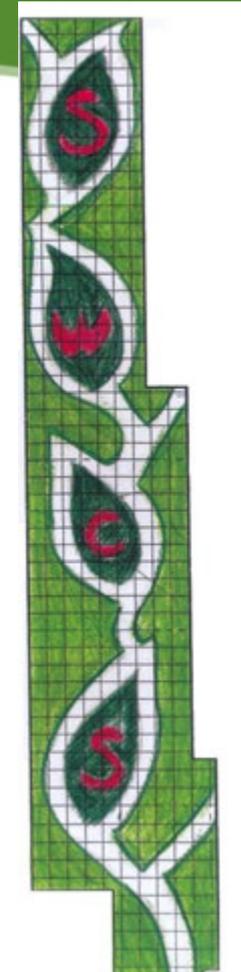
- Green Roof design competition
- Photography competition /Drawing activities



T.K.D.S. Fong Shu Chuen School  
- Design competition of 'Sky Garden'



Green Roof designed by students in San Wu Commercial Society Secondary School



# Other examples

- Participation of students in green roof construction
- Guided visit for public
- Making of teaching panels
- Measuring temperature difference



**Guided visit** organized by students in HKCWC Fung Yiu king Memorial Secondary School

**Participation in green roof construction** by students in HKCWC Fung Yiu king Memorial Secondary School



# Contact Information

- **Websites:** Environmental Conservation Fund  
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