




12 YEARS TO LIMIT CLIMATE CHANGE CATASTROPHE

**Renuka Indrarajah
Trustee of SPARK Foundation**





IN 12 YEARS,
almost half of the world population
will live in areas with
**SEVERE WATER
SHORTAGE.**

That's
3.9 BILLION PEOPLE
around the world including
ASIA.



A



B



**In 12 years, you may not have a choice to
choose between the 2 glasses**

PROTECTING **WATER** BEYOND BUSINESS



- Water quality Class IV – V (extremely polluted)
- Solid and liquid pollution
- Not conducive for any living organism

- Water quality improved to Class III. Suitable for living organisms.
- Enhanced biodiversity: presence of aquatic life
- Community Sungei Way empowered. 4 consecutive national awards for river conservation.

REALISED THROUGH **COLLABORATION**

Private sector

SPARK Foundation

NGO

Global Environment
Centre (GEC)

Government sector

Department of Irrigation and Drainage (Malaysia,
Selangor, Petaling, Wilayah Persekutuan, Perak, Kinta)

Kuala Lumpur City Council

Petaling Jaya City Council (MBPJ)

Ipoh City Council (MBI)

Perak Water Board

Department of National Unity and Integration (JPNIN)

Department of Environment (Malaysia, Perak and
Selangor)

Selangor Water Management Authority (LUAS)

Department of Fishery, Selangor

Department of Forestry, Selangor

Community

16

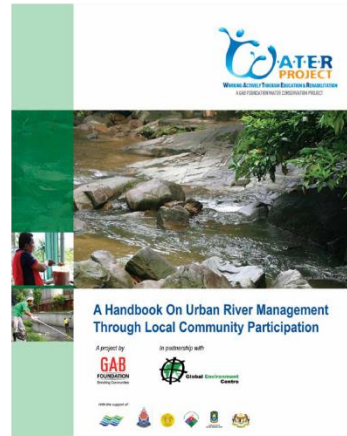
ACTIVE RIVER CARE
COMMUNITIES NATIONWIDE

More than **56 COLLABORATION**
with multiple stakeholders since 2007

KEY INITIATIVES



MRCU & RIVER CARE CENTRE



HANDBOOK & TRAINING FOR DID OFFICIALS



NATIONAL RIVER FORUM



COMMUNITY GARDEN



RIVER MONITORING & ADOPTION



BUSINESS COMMUNITY TRAINING PROGRAMME

...and the list goes on

OUR WATER AGENDA

Collaboration between SPARK Foundation, Global Environment Centre, government agencies and local communities to protect our water resources.



+RM8.0m 

**INVESTED IN DRIVING
W.A.T.E.R PROJECT
OUTREACH PROGRAMMES**



6 
**RIVERS
ADOPTED**

144 
**LOCAL
COMMUNITIES ACTIVELY ENGAGED**

 **34,000+**
**MALAYSIANS ENGAGED IN
RIVER REHABILITATION
PROGRAMMES**

16
**ACTIVE RIVER CARE
COMMUNITIES NATIONWIDE**

SUCCESS FACTORS



**Created awareness
to change mindset**



**Empowered local
communities to
take charge of
their water source**



**Collaborated with
multiple
stakeholders**

UNDERSTAND YOUR WATERSHED

WATER INTAKE

Sungai Selangor

WATER DISCHARGE

Sungei Way
Sungai Penchala



WATER STEWARDSHIP AGENDA 2018-2020

We aim to reduce stress on local water resource and ensure watershed security through strategic partnerships and projects.



WATER SOURCE

Sungai Selangor
Phase 1 Water
Treatment Plant



TREATED WASTEWATER RELEASED TO

Sungei Way
Sungei Penchala

OUR PRIORITIES

WATER FOR WATER

Reduce or offset water consumption



Rainwater Systems



Water Thimble Tech



Reforestation



Clay Bund Dike

WATER FOR QUALITY WATER

Improve water quality



Source Protection



Wetland Cell

**RM2.5 MILLION
COMMITTED**

**STRATEGIC
COLLABORATION**

**HIGH IMPACT
PROJECTS**

#EveryDropMatters