

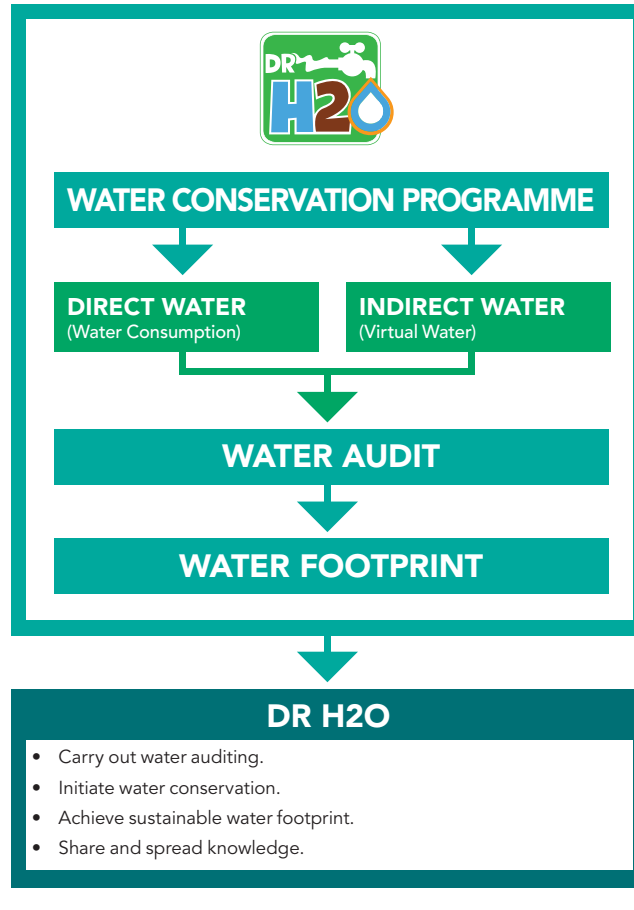
WATER USAGE

Average direct water usage in Malaysia is 210 L / day / capita (SPAN, 2013). Malaysians' water usage exceeds United Nations' recommended water usage of 165 L / day / capita. The reasons can be numerous but we should start the water conservation steps now. Start by reducing direct water usage, then incorporate indirect water usage (or virtual water) to reduce water footprint. Water conservation starts with individual behavioural changes whereby proper awareness is very vital. Awareness with right skills followed by effective conservation initiative will add value for the targeted output.

THE PROJECT

Water Conservation Programme for schools in Malaysia is being carried out to empower the school communities with the knowledge and skills on wise management of water resources. This programme was introduced as DR H2O programme at schools under the existing RIVER Ranger programme. Water Conservation Programme is a three years project (2014 - 2016) initiated by Global Environment Centre (GEC) and HSBC Bank Malaysia Berhad and in partnership with National Water Service Commission (SPAN) and Ministry of Education (MOE) Malaysia.

This programme is aimed to instill good water conservation behavior among pupils through systematic water auditing and sustainable water conservation initiative. Other concepts of water such as virtual water and water footprint are being exposed to the pupils. Through this holistic approach, it is anticipated the programme will be able to nurture water conservation behavior among the students, molding them as a DR H2O.



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WATER CONSERVATION PROGRAMME FOR SCHOOLS IN MALAYSIA



Initiated by:



In partnership with:



OBJECTIVES

- To develop a comprehensive reference module on water conservation for schools in Malaysia.
- To enhance awareness, knowledge and skill of pupil on water resource management.
- To provide in house guidance and support localise initiative of water conservation activities.
- To encourage systematic water audit among the targeted schools and lead to sustainable water consumption.
- To develop a website/blogs as a platform for information sharing and visibility.

APPROACH



- Stakeholder consultation.
- Encourage school communities' participation.
- Platform for project stakeholders to implement and share available resources within them.



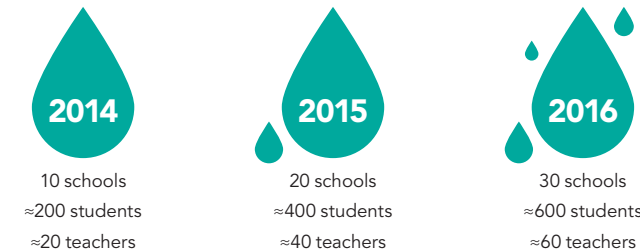
- Carry out systematic water auditing to identify the issue.
- Tackle the issues contributing to the water wastage at grass root level.
- Promote and link key stakeholders for solutions.



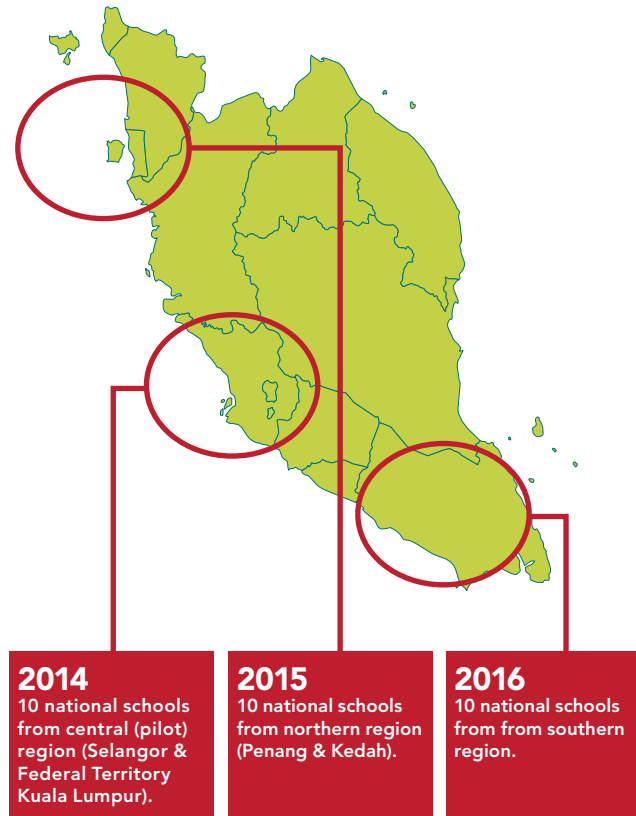
- Provides opportunity for schools and pupils to practice their skills.
- Practice BMP (Best Management Practice) such as rainwater harvesting, reusing and recycling.

AREA & TARGET

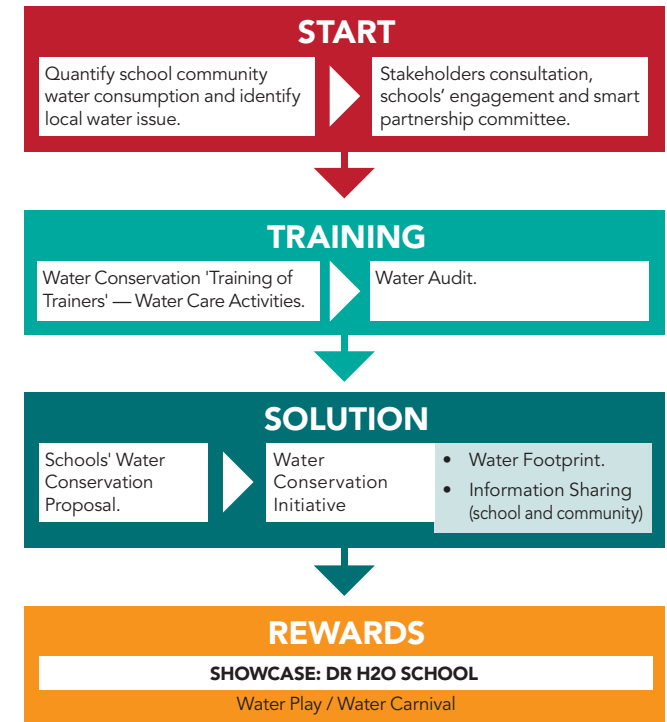
- 3 years project (2014 - 2016).
- Aimed at national schools (Primary and Secondary).



PENINSULAR MALAYSIA



PROJECT FLOW



DR H2O PROGRAMME

1. Identifies the issues and seeks solutions where the final output can be quantified.
2. Involves a comprehensive and systematic water auditing for the schools:
 - Pre Water Auditing as baseline data;
 - Post Water Auditing data for the impact of water conservation initiative carried out;
 - Study the effectiveness of water conservation initiative.
3. Best Management Practices by pupils' empowerment.
4. Project sustainability through multi-stakeholders' engagement.