



S135256

**Factsheets on Human Values Based Water and
Sanitation Hygiene Education under Water for
Asian Cities and Mekong Water and Sanitation
Initiative**

November 2013



Human Values-based Water, Sanitation and Hygiene Education (HVWSHE) in Cambodia

KEY PROJECTS HVWSHE project in partnership with CSCS April 2008 – April 2011.
HVWSHE components of projects with CfD and KWS

KEY COMPONENTS Curriculum and lesson plan development
Teacher Training
Development of IEC materials
Water supply and sanitation facilities in 10 pilot schools
Water Classrooms

PARTNERSHIPS Ministry of Education, Youth and Sport (MoEYS)
South East Asian Ministers of Education Organisation (SEMAO)
Society for the Preservation of Water (SPW) (Thailand)
Cooperation for a Sustainable Cambodian Society (CSCS)
Kampot Water Supply (KWS)
Centre for Development (CfD)

TOTAL INVESTMENTS UN-HABITAT: USD 208,910, Counterpart: USD 126,500

TRAINING DETAILS

- July 2008: 6 day training at SPW to learn about the HVWSHE concept and methodology and to observe education practice at the Sathya Sai School. 18 participants.
- August 2008: 6 day training on development of an HVWSHE curriculum, attended by 40 people.
- February 2010: 2 day training workshop on water classroom preparation and management, attended by 40 people.
- February 2011: 2 day training on Solid Waste Management and School Environment Sanitation.
- March 2011: 4 day HVWSHE Refresher Training Course attended by 62 people from MoEYS and target schools.
- 2 teachers and 1 director were trained in each target school and these 39 people trained all teachers of the target grade in their school.

RESOURCE MATERIALS Student's text book and teacher's manual in Khmer language
5 posters
Posters and manual for rainwater harvesting in schools

WATER CLASSROOMS 4 water classrooms operating in schools

BENEFICIARIES 4433 target students (2160 females) in 12 schools

IMPACTS

- Increased understanding of the importance of water, sanitation and hygiene.
- Harvesting of rainwater for supplying in schools was increased by 40% in 2011.

- Children tell people in their community about water and how to use it wisely.
- Students observe improved water sanitation and hygiene practices.
- School water and sanitation infrastructure has been improved to enhance the safety and



Human Values-based Water, Sanitation and Hygiene Education (HVWSHE) in Laos

water sanitation and hygiene practice of school members and students in particular

KEY PROJECTS

HVWSHE project in partnership with NCA January 2008 – December 2010
HVWSHE components of 7 projects with water utilities

KEY COMPONENTS

Development of curriculum, lesson plans and teaching/learning tools.
Teacher Training
Development of IEC materials
Water supply and sanitation facilities in 10 pilot schools
Water Classrooms
Inter-school competition

PARTNERSHIPS

South East Asian Ministers of Education Organisation (SEAMEO)
Society for the Preservation of Water (SPW) (Thailand)
Norwegian Church Aid (NCA)
Department of Higher Education, Ministry of Education
Three provincial water utilities

TOTAL INVESTMENTS

UN-HABITAT: USD 238,400; Counterpart: USD 337,475

TRAINING DETAILS

- June 2008: 8 people from UN-HABITAT, NCA and District Education Offices participated in a week long training at SPW. Attendees later trained teachers from 22 target school in 2 remote provinces and acted as resource teachers.
- April 2009: 2 day introductory workshop facilitated by SPW. 25 participants.
- June 2009: 6 day training at SPW on integration of HVWSHE, development of lesson plans and observation of SPW water classroom. 28 teachers and 3 NCA staff participated.
- Core teachers trained in pilot schools.
- February 2010: 1 day workshop on the HVWSHE model and methodology, and integration into the curriculum. 71 participants from the education, and water and sanitation sectors.
- September 2010: 2 day training on effective use of water classrooms, use of equipment and integration of HVWSHE lesson plans into subjects. 45 educators attended.

RESOURCE MATERIALS

Lesson plans and teaching resources in English and in Lao.
16 posters

WATER CLASSROOMS

13 water classrooms operating in schools, water utilities, a teacher training college and as a mobile unit.

BENEFICIARIES

10,200 students in 34 schools.

IMPACTS

- Water conservation activities in schools increased two-fold from 2008 – 2010.

- 6.7% of schools began rain water harvesting.
- Significant improvement of conditions of school sanitation facilities, including availability of soap and water.
- Increased understanding of the importance of water, sanitation and hygiene.



- Students observe improved water sanitation and hygiene practices.

Human Values-based Water, Sanitation and Hygiene Education (HVWSHE) in Vietnam

KEY COMPONENTS

Lesson plan development
 Water Classrooms
 Competition to develop HVWSHE models
 HVWSHE module in IESE curriculum

PARTNERSHIPS

South East Asian Ministers of Education Organisation (SEAMEO)
 Cam Ranh Joint Stock Urban Company (CADOCCO)
 Water Supply and Drainage OML Company of Phu Yen (PYWSD)
 Water Supply Company of NinhThuan (NTWSC)
 Water Supply and Drainage Company of Quang Tri (QTWASUCO)
 Institute for Environmental Science and Engineering (IESE)

TOTAL INVESTMENTS

UN-HABITAT: USD 40,000, Counterpart: USD 35,000

TRAINING DETAILS

9 teachers trained
 2 trainers of trainers

RESOURCE MATERIALS

Classroom lessons in Vietnamese language.
 Toolkit for use in water classrooms
 IESE lectures with HVWSHE incorporated

WATER CLASSROOMS

3 water classrooms operated by water utilities

BENEFICIARIES

2,800 target students in 7 schools

IMPACTS

- Increased understanding of the importance of water, sanitation and hygiene amongst children.
- Raised awareness and understanding of values related to water amongst IESE graduates.
- Students observe improved water sanitation and hygiene practices.