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Cambodia: School Based Sanitation (SBS) Multi-Stakeholder Involvement in Decision Making Processes for Sustainable Decentralized School WASH Infrastructure

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Implementing Organizations

Environmental Sanitation Cambodia (ESC)

Cambodian non-profit organization established in 2010



“A cleaner, healthier and more sustainable Cambodia for all!”

Bremen Overseas Research and Development Association Cambodia (BORDA-Cambodia)

BORDA is an international non-profit organization established in 1977 in Germany, working in Cambodia since 2008



“Improved Sanitation for All!”

Center for Development (CfD)

Cambodian non-profit organization established in 2003





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Sanitation Situation in Cambodia

- Population 14 million
- GDP per capita = \$853
- 28% living below poverty line
- 29% access to improved sanitation
 - Rural - 18%
 - Urban – 67%
- 10,900 deaths/year from poor sanitation
- Poor sanitation costs \$448 Mil/year
- Low awareness of the environmental and health impacts of poor sanitation
- Weak wastewater/environmental laws
- 12% increase in improved sanitation coverage over last 5 years

(Unicef & WSP)





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Sanitation Situation in Cambodian Schools

- More than 10,000 schools with over 3 million students (MoEYS, 2010-11)
- 31% of the schools do not have toilets
- 44% do not have access to a water supply
- Existing facilities often inadequate or not functioning
 - Ignore privacy and security needs
 - Poor O&M/ cleanliness
 - Rarely have hand washing sinks / no soap
 - No wastewater treatment
- Consequences:
 - Open defecation/urination & lack of hygienic behavior
 - Health problems, especially diarrhea
 - High absenteeism and drop-out rates
 - Lack of protection of natural resources/environment





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SBS Project History

- Started in 2009
- Aim: To improve the Health, Hygiene & Sanitation situation in Cambodian schools
- 7 schools completed around Phnom Penh
- Over 4500 students & teachers served
- 7 School WASH Committees established
- Average cost per beneficiary \$40
- Average cost of hardware per school \$15,000
- Supported by MoEYS, MRD, Dpt Edu Phnom Penh
- Donors: OAV, Unicef, BORDA



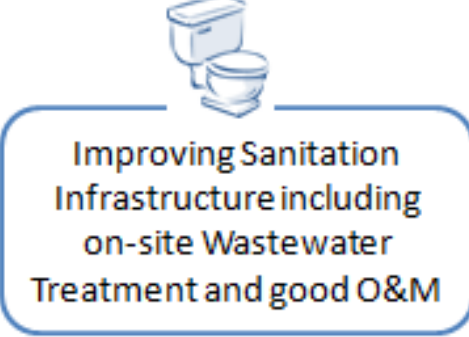
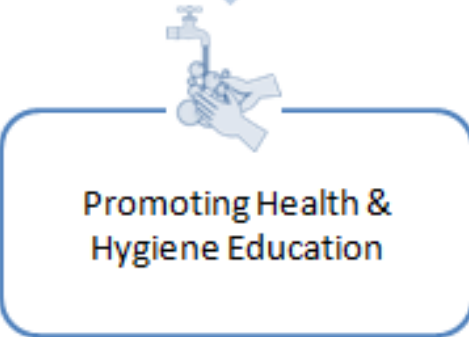


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SBS Project Approach



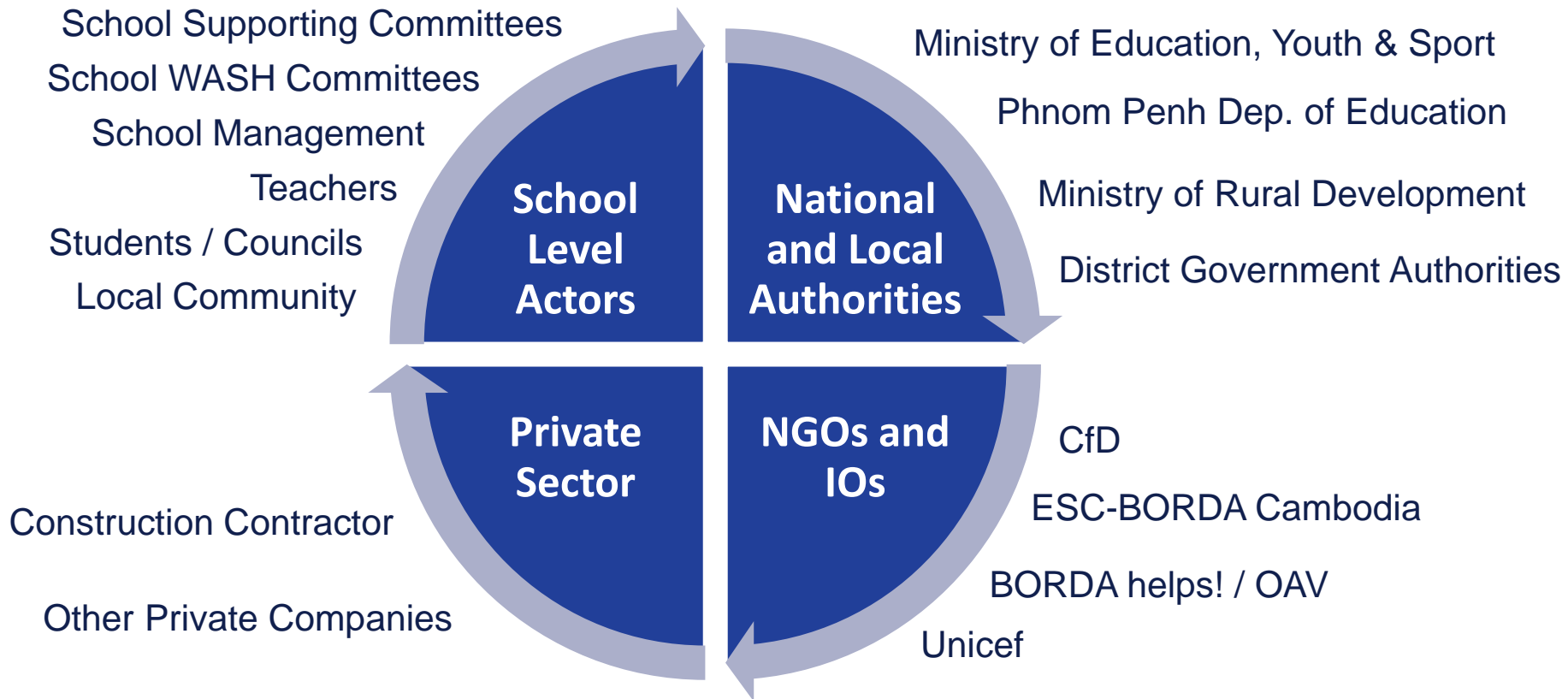


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Key Project Stakeholders





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SBS Decision Making Mechanisms

- **Top Level**

- SBS TWG (Technical Working Group)

- Advisory body with coordinative functions
 - Members: NGOs, SSC members, Previous SBS schools, district, municipal and ministry level representatives (MoEYS, MRD, PP Dpt Edu), Unicef, WSP
 - Platform for school level, project staff and high level government interactions
 - Assists in generating political support for school WASH



- **School Level**

- SWC (School WASH Committees)

- School led body in charge of WASH
 - Members: teachers, school management, sometimes community members
 - Receive intensive capacity building from project
 - Responsible for training students on O&M and H&H





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SBS Decision Making Mechanisms

- **Project Level**

- NGO Meetings

- Regular meetings to develop and implement project based on feedback from TWG and SWC
- Distribution of project reports, plans and results to TWG and SWC
- Facilitate communication between top level \longleftrightarrow school level

- **Key Points**

- Multiple stakeholders engaged and connected regularly
- Links at the top and school levels means faster decision making
- The schools have more confidence when linked to the top level
- Top level feels engaged with school level and SBS project
- SBS approach internalized by schools
- SBS approach filters into more top level departments and institutions



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Multi-Stakeholder Challenges

What are the main challenges with this multi-stakeholder set-up?

It's Complicated!



- Many voices demanding different things
- Difficult to get official (written) recognition of TWG
- Top level is not always available / How to get Top level more actively involved ?
- Sometimes having very high level people in a meeting means school level won't speak up
- Making the links sustainable without NGOs



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Why is Multi-Stakeholder Involvement in Decision Making Processes Important?

- Up-scaling / replication requires government support & recognition
- Improved planning / project coordination of complex issues
- Creates a platform for monitoring WASH in schools
- Increased learning and awareness about school WASH issues leads to changes in mind-set for all stakeholders
- **Increased Participation:**
 - **Ownership** → **Prioritization of School WASH**
 - **More SUSTAINABLE Decentralized Sanitation Systems**



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Impact (e.g.) SBS 2.0

Results from the Health Impact Assessment (HIA)

- All students now wash their hands at school
- Number of students that wash their hands with soap...



	Bak Kheang			Sakoura		
	before		after	before		after
... at school	40%	+120%	88%	67%	+49%	100%
... before eating	41%	+59%	65%	70%	+43%	100%
... after defecation	70%	+25%	87.5%	83%	+17%	97%

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SBS: What's next?

- 2013 SBS 4.0: up to 10 schools / 6000 students / Phnom Penh & Siem Reap
- 3 year MoU with MoEYS
- Formalization of stakeholder groups / interactions (e.g. TWG)
- Refinement of technical options / standardization
- Refinement of social approach / development of national level SBS “Manual” for all schools



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THANK YOU FOR YOUR ATTENTION!

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SBS Video: www.youtube.com/watch?v=hcrf115vyuI