


# Effective governance for successful long-term operation of community based sanitation facilities

<b>Title</b>	<b>Managing Sanitation Long-term Service Delivery for Urban Areas (Indonesia)</b>
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<b>Donor</b>	ADRAS <sup>1</sup>	
<b>Period</b>	2013-2016	
<b>Budget</b>	783.000 AUD	
<b>Researchers</b>	<b>Prof. Cynthia Mitchell<sup>2</sup>, Katie Ross<sup>2</sup>, Dr. Kumi Abeysuriya<sup>2</sup></b> <b>BORDA Bremen: Maren Heuvels<sup>3</sup></b>	

<b>Partners</b>	<b>Research: Institute for Sustainable Futures, UTS</b> <b>Partners: Ministry of National Development Planning (Bappenas, Indonesia), BORDA Germany, AKSANSI, ODI, IWA, international advisors and local partners.</b>
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<b>Project description</b>	<p><b>Key aim of the project:</b> With community scale sanitation systems planned for significant scale up in Indonesia, this research seeks to improve the governance structures to ensure sustainable long-term services for community-scale, or decentralised, sanitation systems.</p> <p><b>The enquiry areas for this interdisciplinary research project are</b></p> <div style="display: flex; justify-content: space-around;"> <div style="background-color: #e67e22; padding: 5px; border-radius: 10px; width: 30%;"> <p><b>Performance data:</b> What is the volume and quality of data for community-based system performance? How are the systems performing?</p> </div> <div style="background-color: #27ae60; padding: 5px; border-radius: 10px; width: 30%;"> <p><b>Legal arrangements:</b> What are the legal and informal arrangements for community-scale governance, specifically asset and land ownership; and what the implications for O&amp;M?</p> </div> <div style="background-color: #34495e; padding: 5px; border-radius: 10px; width: 30%;"> <p><b>Costs of service:</b> For a range of sanitation service delivery models, what are the scale and distributions of cost; and what are the implications?</p> </div> </div> <div style="background-color: #27ae60; padding: 5px; border-radius: 10px; margin-top: 10px; text-align: center;"> <p><b>Management partnerships:</b> What are the range of improved structures and institutional arrangements that could deliver the responsibilities for managing community-scale systems?</p> </div> <p>The four dimensions „functioning technology“, „sustainable financing“, „effective management“, and „sustaining demand“ have been identified within the research. Studies on institutional arrangements, legal frameworks, finances and technical aspects are at the core of the research activities in Indonesia.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="background-color: #e67e22; padding: 5px; border-radius: 10px; width: 45%;"> <p><b>Functioning technology:</b> Ensuring the physical system delivers the service</p> </div> <div style="background-color: #27ae60; padding: 5px; border-radius: 10px; width: 45%;"> <p><b>Sustainable financing:</b> Sufficient ongoing revenue to cover all short and long-term operational cost elements</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="background-color: #27ae60; padding: 5px; border-radius: 10px; width: 45%;"> <p><b>Effective management:</b> Accountable and equitable administration and decision making system</p> </div> <div style="background-color: #e67e22; padding: 5px; border-radius: 10px; width: 45%;"> <p><b>Sustaining demand:</b> Maintaining effective community demand for the service over time</p> </div> </div> <p><b>Expected outcome:</b> To find pathways towards effective governance of decentralised community scale wastewater systems that are feasible for unique local conditions.</p>
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<b>Key words</b>	Sustainable management, long-term O&M, community-based sanitation, Indonesia
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<sup>1</sup> Australian Department of Foreign Affairs and Trade, Australian Development Research Awards Scheme (ADRAS)

<sup>2</sup> Institute for Sustainable Futures (ISF), University of Technology Sydney (UTS)

<sup>3</sup> Bremen Research and Development Association (BORDA)