



## FINAL Monitoring Report (Replication activities until end of May 2012)

Country: Indonesia  
Pilot City: Tarakan  
Thematic Area: Inclusive Urban Public Services  
No and Title of Activity: Activity 17: Monitoring and consulting during the implementation of transfer concepts  
Reported by: Mr. Arief Ariyanto  
Reported when: June 2012

### **How do you evaluate the overall progress, starting from the beginning of the action until end of May 2012? Provide a picture comparing the pre-situation with the situation in May 2012.**

The TALING (Tabungan Lingkungan/Environmental Saving) is a very great program which benefiting the people of Tarakan City. Before the TALING implemented in Tarakan, students do not have an extensive understanding about the waste management compare to the current situation. The short term visible benefits are the increasing awareness of civil servants, community, and students' of a healthy environment which can be seen from how they managed to collect and dispose garbage in places. The TALING program also contributes to reduce/minimize the percentage of garbage in the schools and neighbourhood areas, as well as garbage brought to the landfill. The other advantage of the program is it enhances students' understanding of the economic value of waste, and increasing the discipline of saving money and the awareness of the value of money.

### **What have been the main achievements of project replication? Refer to the objectives and results.**

Referring to the overall objective which is the improvement of living conditions of disadvantaged groups through increased participation of people in local planning and decision-making; the specific objectives:

- Increased awareness of pupils in environmental management
- Community based waste management eco friendly existed



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- Partnership between government, recycle entrepreneur and community in managing waste established;  
as well as the three results as stated in the project design:

Result I: Increased awareness of pupils and education board in environmental management

Result II: Waste sorting and management at community level existed

Result III: Partnership between government, recycle entrepreneur and community in managing waste established;

and considering the duration of the BP replication implementation, there are several achievements as well as on-going progress which results cannot be seen yet. Until early June 2012, the level of people's participation in local planning and decisionmaking has been increasing, showing by the community's contribution in sharing ideas during the BP design preparatory from an early stage. In addition, people are also involved through forums RT / RT during the establishment of TALINGMAS, a waste segregation program at the community level. Although this program is currently at the preparatory stage and has not running yet in June 2012, it is important to note that the local government involve the community members in the planning phase.

To describe the achievements according to its specific objectives, the TALING program has been successfully increasing the pupils' awareness in environmental management, and building the partnership between government, recycle entrepreneur and community in managing waste. A cooperation mechanism has been established between the government with one association of junk waste entrepreneur called ASPERO. This association has three junk shops: one junk shop especially for collecting paper, plastics, and glasses, and two others for collecting metal scraps. The waste management information has been distributed to 104 schools in Tarakan. Among those schools, six pilot schools plus one self-financed senior high school running the TALING program. As described above, one specific objective which has not achieved yet but in its way is the community based waste management. The local government together with the RT/RW Forum are preparing the supporting documents and facilities such as the Memorandum of Understanding (MoU) between the local government and community groups, distribution of information, and capacity building for field facilitators.

**What have been the main benefits for the people so far (e.g. socioeconomic/and or environmental impact of replication)? And how**



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**did this impact the living condition of the people? Please refer to the overall objective.**

Since the program implementing in schools in January 2012, the socio-economic benefits have not significant yet. The points collected by students for collecting recyclable waste have not been exchanged yet with the gift or as planned before, to save the money in the bank and will be taken after the graduation. It is all in progress. As emphasized by the Tarakan government, the main benefits are a healthy environment and a high awareness of people to keep the environment healthy which will lead Tarakan to a liveable city.

**What impacts (e.g. in terms of capacity) could you observe on behalf of the pilot city taking part in this project on transnational best practice exchange?**

As the result of joining the DELGOSEA BP replication program as a pilot city, the capacity of Tarakan government in planning and monitoring has been improved. These points is important and useful in preparing Tarakan as a new Best Practice City which later on will distribute their replication results to other cities.

**Did the city cooperate with third bodies (e.g. LGAs, business, or academia) which supported the replication process?**

Together with DELGOSEA, APEKSI and ADEKSI are in a close cooperation with the pilot cities in monitoring and providing the needed assistance. The city also cooperates with

ASPERO (an association deals with organics and non-organics waste collection in Tarakan) and with the JICA for community-based waste segregation program (TALINGMAS). The last one mentioned with the JICA is in terms of using field facilitators trained by the JICA for information dissemination and the overall field assistance. In addition to that, collaboration with the WASPOLA (waste water, clean water and drainage sectors) has been established to support the liquid waste management. One important innovation in the field of collaboration which is also a strategy for program sustainability is the collaboration with the finance sector, KALTIM BANK. All points collected by students in schools as a result of collecting the recyclable waste will be rewarded in form of monies. The Bank then will help each student to open their bank account for saving the money.

**Has the knowledge been shared with other cities, or even been replicated to other cities?**

The replication activities have been sharing to other cities, since the time of the program launching until present. There is one school from Bunyu town joined the the ADIVIYATA School program- and TALING self financed program. Other



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than that, one of school in Jakarta City conducted a study visit to SMP Negeri 1 Tarakan to see the implementation of TALING program.

### **Which follow-up actions do you recommend?**

- To continue the collaboration with the KALTIM BANK and monitor its implementation
- To speed up the program expansion to all schools in Tarakan, and to all community groups.
- To well documenting the replication results and sharing them to other cities which have the same commitment and needs in the environmental area.

### **How will the city continue replicating the best practice? What are the planned activities until end of 2012?**

Besides expand the TALING program to all schools, the local government is in the process of expanding the TALING program to communities through the TALINGMAS (TABUNGAN LINGKUNGAN MASYARAKAT/community environmental saving) as well as to the local government offices with the TALINGTOR program (TABUNGAN LINGKUNGAN KANTOR/offices environmental saving). The city is also in the process of drafting a local regulation on waste management which will be later on reviewed by the Ministry of Environmental and the Community Empowerment Institution of Borneo University (Borneo University is a local university in Tarakan). After received their inputs, the draft will be finalized and submitted to the local council for legal endorsement. Including in the local regulation is a point about the obligation to implement the TALING program in community, schools, and offices, as a way to sustain the replication program.

Another activity until end of 2012 is to expand the TALING program to 20 schools (from the total target of 60 schools until end of 2012). Until present, the TALING program has been disseminated to communities in Tarakan and outside Tarakan through media e.g. newspapers Radar Tarakan, and Tribune KALTIM (available in hard copies and online), the Indonesian Official Radio Tarakan branch, nongovernment/private radio "RTFM", and via local television: the Tarakan TV. The Tarakan TV has a 30 minutes routine programme (once in a week) in the education and promotion session where the local government is given time to present the TALING activities' progress.



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Name of Pilot City, Country: Tarakan, Indonesia			
Name of Reporter: Mr. Arief Ariyanto			
Thematic Area: Inclusive Urban Public Services			
Project Title: Tabungan Lingkungan (Environmental Saving)			
Monitoring Period: June 2012			
Specific Objective (as stated in the project design)	Indicators (as stated in the project design)	Sources of Information	Possible Risks (external and internal)
<ul style="list-style-type: none"> <li>- Increased awareness of pupils in environmental management</li> <li>- Community based waste management eco friendly existed</li> <li>- Partnership between government, recycle entrepreneur and community in managing waste established</li> </ul>	<p>"TALING" program well implemented in three elementary schools (SD 018 in Kelurahan Karang Rejo, SD 024 in Kelurahan Karang Anyar) and Junior High School SMPN 01 in Kelurahan Pamusian)</p> <p>School Committee and Board well involved in the monitoring program of "Taling" at schools</p>		<p><u>Internal:</u> The Local Council does not approve the budget for replication process.</p> <p><u>External:</u> Communities refuse to involve in the project</p>
Results (as stated in the project design)	Indicators (as stated in the project design)	Sources of Information	

<p><b>Result I:</b> Increased awareness of pupils and education board in environmental management</p>	<p>TALING PROGRAM implemented in 4 schools: SD Karang Rejo 018, Karanganyar 24, SMPN 01, SD 006 Kampung empat, SMP 09 Juwata Kerikil</p>		<p>Tarakan BP replication design</p>			
	<p><b>Planned in month</b></p>	<p><b>Executed in month</b></p>	<p><b>Sources of Information</b></p>	<p><b>Steps achieved - until last period</b></p>	<p><b>Steps achieved - in current period</b></p>	<p><b>Problem faced and follow up action</b></p>
<p><b>Activity 1</b> Meeting preparatory with school team for ADIWAYATA award in Education Department</p>	<p>July 2011</p>	<p>July 2011</p>	<p>ENVIRONMENTAL OFFICE  EDUCATIONL OFFICE  PARK AND SANITATION OFFICE</p>	<p>Done (MoM and other documentation available)</p>		<p>Done</p>
<p><b>Activity 2</b> Preparing material/modules and monitoring instruments for TALING (Environment Savings) program at schools</p>	<p>November 2011</p>	<p>November 2011</p>	<p>LC and WG</p>	<p>Done Modules and monitoring instruments for TALING available</p>		<p>Done</p>

<b>Activity 3</b> Setting up agreement with recycle entrepreneur in activities related to TALING Program	August 2011	August 2011	Working Group		MoU signed with recycle entrepreneurs	Done
<b>Activity 4</b> Socialization of TALING program to schools with recycle entrepreneur	Week 4 Oct (oct 26th 2011	Oct 28th,2011	EDUCATIONL OFFICE ENVIRONMENTAL OFFICE PARK AND SANITATION OFFICE		1 ToT conducted (report and documentation available) , meeting with the 104 schools conducted.	Done
<b>Activity5</b> Preparing the TALING CAR	April 2012  May 2012		Park and sanitation office			In progress
<b>Activity 6</b> Implementing the TALING Program at schools	Week 2 Dec		Park and sanitation office	Socialization to schools, pre-launching	The Taling program implementing in pilot schools	DONE.

<b>Activity 7</b> Consultation and supervision after TOT as schedule agreed	Dec 2011 Dec-sept 2012					Done
<b>Activity 8</b> Monitoring and evaluation to schools	Week 1 dec Week 2 Jan 2012		Working Group			DONE Monitoring, evaluation and interview with SKPD and Mayor Tarakan relation to the program TALING held on 17 january 2012.
<b>Activity 9</b> Synchronizing TALING program with Schools Board Program			The Working Group			Done
<b>Step 1</b> Meeting and consolidation with Education Board	Week 1 Oct	Week 1 Oct	Local Coach Working Group	Meetings conducted with the school board (about who will be involved in the assistance and monitoring and how they will assist the program)	Done	Done



<b>Step 2</b> Assistance for TALING program	Q3, Q4 of 2011; Q1 2012		The Working Group			DONE
<b>Step 3</b> Involving school committee in the monitoring of TALING Program:	Q1, Q4, 2012		The Working Group			DONE
a. Preparing monitoring tool	Q2 and Q3 2012					DONE
b. conducting monitoring	Q2 and Q3 2012					DONE
<b>Results (as stated in the project design)</b>	<b>Indicators (as stated in the project design)</b>	<b>Sources of Information</b>				
<b>Result II:</b> Waste sorting and management at community level existed	% of waste sorted and managed at community level		Tarakan BP replication design			

	Planned in month	Executed in month	Sources of Information	Steps achieved - until last period	Steps achieved - in current period	Problem faced and follow up action
<b>Activity 1</b> Data inventory of TALING supporting unit system	Jan 2012 Feb 2012		PARK AND SANITATION OFFICE	In October 2011 the Park and Sanitation Office staff is in the middle of collecting data (primer and sekunder data, dll)		DONE
<b>Activity 2</b> TALING program socialization to business units and community						DONE
<b>Step 1</b> Meeting for information distribution to business units and communities	Feb 2012					DONE

<p><b>Step 2</b> Preparing distribution materials (program profiles through leaflets, brochures, etc)</p>	Feb 2012	October 2011	In October 2011 the Sanitation Office staff prepared the Taling information materials for meeting (program's profile, leaflets, brochures, etc) Media gathering/talk show in Radio prepared	Done		<p>DONE</p> <p>Distribution of 800 books TALING to SMP Negeri 1 Tarakan. Conducted on May 4, 2012.</p>
<p><b>Step 3</b> Media gathering/ talk show in Radio</p>	Feb 2012	Dec 2011 - Jan 2012	Working Group		<p>Done.</p> <p>In December 2011- January 2012, the Working Group in collaboration with the local media conducted the information distribution sessions in Tarakan TV; talkshow in the Indonesia officials government radio Tarakan branch "RRI"; and published information in local newspaper: Radar Tarakan.</p>	<p>DONE</p>

<b>Activity 3</b> Working agreement (MoU) between TALING Program with community (recycle unit)						DONE
<b>Step 1</b> Preparing the MoU draft	Feb 2012	October 2011		In October 2011 the MoU draft prepared	Done	In progress
<b>Step 2</b> Meeting and MoU signing	March 2012					In progress
<b>Activity 4</b> Assistance (coaching, supervision, mentoring) for business units which support TALING (from 2012-2014)						DONE  The city government of Tarakan also cooperated with ASPERO, an organization that manages the c garbage collection both organic and non organic in Tarakan.
<b>Step 1:</b> Drafting the assistance module	Q1-3 2012					Done
<b>Step 2:</b> Training for assistance staff (until 2014)	Q1-3 2012 - 2014					Done. Implemented in June 1, 2012.

<b>Step 3:</b> Assistance to waste management unit (until 2014)	Q1-3 2012 - 2014					Done with the assistance from Sanitation Office Tarakan among others board displays, waste disposals, and TALING books.
<b>Step 4:</b> Procurement of facilities and infrastructures of waste management (until 2014) including	Q1-3 2012 until 2014					In progress
4.a. capacity building (training for making the bio reactor in one vocational school (SMK 2) by expert from Marikina	Q1-3 2012 - 2014					Waiting for the bioreactor's cost from Manila.  The City Government of Tarakan really hope there is clear information about the tools in order to do the procurement.
4.b. The making of Bioreactor	Q1-3 2012					Waiting for the bioreactor's price etc from Manila.  The City Government of Tarakan really hope there is clear information about the tool and immediately getting and using those tools.

<p><b>Activity 5</b> Monitoring and evaluation to TALING supporting units</p>	<p>Q 3 2012 for monitoring  Q 4 2011 and Q 3 2011 for preparing the monitoring tools</p>					<p>DONE  The meeting discussed the stage of monitoring and evaluation at the TALING BAPPEDA. Was held on May 9, 2012</p>
<p><b>Activity 6</b> Preparing the KALPATARU award (Tarakan Lestari Award) at the local level</p>	<p>Week 2 Oct  Week 4 Oct</p>				<p>Criteria for KALPATARU and competition system available; Socialization of KALPATARU competition done</p>	<p>DONE  Held on the date of May 28 2012.</p>
<p><b>Activity 7</b> Innovation for new TALING supporting units (until 2014)</p>	<p>Quarter 1 &amp; 2, 2012</p>			<p>One initial meeting conducted in October 2011 between the Sanitation office with the Recycle Entrepreneur association.</p>	<p>On going</p>	<p>In progress - (TALINGMAS - Community Environmental Saving and the TALINGTOR (Office Environmental Saving)).</p>
<p><b>Results</b> (as stated in the project design)</p>	<p><b>Indicators</b> (as stated in the project design)</p>	<p><b>Sources of Information</b></p>				

<b>Result III:</b> Partnership between government, recycle entrepreneur and community in managing waste established	<ul style="list-style-type: none"> <li>▪ MoUs between junk shops, and recycle entrepreneur (facilitated by Tarakan government)</li> <li>▪ 60% recycle entrepreneurs</li> </ul>		Working Group			DONE
	<b>Planned in month</b>	<b>Executed in month</b>	<b>Sources of Information</b>	<b>Steps achieved - until last period</b>	<b>Steps achieved -in current period</b>	<b>Problem faced and follow up action</b>
<b>Activity 1</b> Socialization of TALING program as initial efforts of partnership between city government, entrepreneurs and community	Q.1 2012		Working Group	Socialization done		DONE
<b>Activity 2</b> MOU signing between recycle entrepreneurs with city government and between junk shops with entrepreneurs	Q.1 2012	February 2012	Working Group	Draft MoU available	Waiting for the signing of MoU planned in Feb 2012	DONE  MOU for technical agreement between the Sanitation Office with ASPERO was implemented on February 21, 2012. Until now there have been two time revision of the MOU.

<b>Activity 3</b> Procurement TALING supporting needs (small gifts for students such as books, schools stationaries, snacks, dictionaries)	Q. 1 2012		Working group	List of needs available but not procured yet	On going	DONE
<b>Activity 4</b> Implementation of TALING program at schools	Q.1-3 2012		Working Group	Preparation to implement TALING	On going implementation in the pilot schools	Launch of Taling in February, 21st 2012
<b>Activity 5</b> Monitoring	Q 3, 2012					DONE  Montoring and evaluation of TALING program was exercised on June 12-15, 2012