

Proposal for Phase III (February- October 2007) EEB funding for mercury work.

Following this phase of activities regarding mercury, groundWork undertook a variety of activities during Phase II aiming to understand the extent of mercury activities and pollution in South Africa and to better assess the impact of mercury in a South African Context. In order to achieve this goal a more proactive approach was requiring involvement in actual mercury activities to better assess and address the mercury situation in South Africa.

A number of specific activities were defined and initiated in order to achieve this goal during Phase II and these are outlined in the Phase II final report. However a number of these activities were ongoing and not completed. Additionally other activities have been identified (shown in the Table below) outlining further activities and actions to meet the challenges of addressing gaps in the South African context – The following is an outline for the EEB/GroundWork Phase III Mercy Research Project.

	Activity	Actions	Deliverables	Timetable	Budget
1	Lobby the DEAT to be more proactive on a position on mercury in South Africa	<p>A1: Lobby for mercury activities to be included South African National Chemical Profile prepared by the Department of Environment and Tourism (DEAT) as a priority pollutant with priority actions.</p> <p>A2: Lobby the DEAT's to take a more proactive role in mercury assessment in South Africa</p> <p>A3: Engage with the DEAT to identify and determine priority activities for mercury assessment for South Africa</p>	<p>D1 short report on, activities, amendment to the South African National Chemical Profile</p> <p>D2 & D3 organise a meeting with DEAT, write a short report on outcomes</p>	To be finalised by end October 2007	? days salary
2	Participate in the South African Mercury Assessment Program (SAMA) Steering Committee	<p>A1: Initiate discussions/activities on the phase out of mercury containing measuring devices in state hospitals with the Department of Health</p> <p>A2: Initiate discussions/activities on the phase out of mercury containing measuring devices in private hospitals with the Hospital managers under the SAMA program</p> <p>A3: Initiate discussions/activities on the phase in of cleaner coal combustion technologies in coal fired power stations</p>	<p>D1 Report on mercury phase out activities</p> <p>D2 Report on proposed activities</p> <p>D3 Report on</p>	All reports to be finalised by end Oct 2007	4 meetings per year (4 x travel)

		and cement works under the SAMA program to reduce mercury emissions A4: Assess and track legislative processes on mercury in South and Southern Africa	proposed activities D4 Report on proposed activities D5: Review and critique standards for air, water, land		
3	Quantify and assess mercury imports into South Africa	A1: Determine mercury imports into and exports from South Africa and how these are distributed and used	D1 Report on SA mercury imports/exports	To be finalised by end Oct 2007	
4	Follow up Thor Chemicals process	A1: Evaluate/assess disposal options A2: Undertake Conceptual Site Model (CSM) of the facility and health risk assessment (potential) of the residents nearby. This will be a conceptual risk assessment hypothesizing linkages between sources of pollution, the pathways they might potentially follow and the receptors they may potentially affect – if there is any chance these linkages are complete we will notify and lobby the regulator to take action and investigate these in depth (taking samples etc.)	D1 report from Thor study –disposal options and CSM health assessments	Finalised by end October 2007	? days salary
5	Follow up groundWork greening hospitals project and assess mercury and health care waste management in these 2 hospitals	A1: Follow up and report what phase out activities related to mercury have taken place in these hospitals A2: Lobby DoH for National Policy on mercury in health care phase out	D1 Report on procurement policies, phase out activities D2 Report on status of mercury equipment use in health care	D1 & D2 by end October 2007	? days salary
6	Track and make comments	A1: Lobby the regulator for inclusion of mercury in the EIA	D1 Review coal	All to be	? days salary

	on Environmental Impact Assessments (EIA's) for proposed coal fired power stations and push for better abatement technologies, monitoring, evaluation and regulation.	<p>process</p> <p>A2: Ensure that South Africa includes an ambient standard for mercury</p> <p>A3: Review BAT for mercury emissions abatement and monitoring</p> <p>A4: Lobby for BAT mercury emissions monitoring and abatement in coal fired power stations and cement works</p>	<p>fired power stations EIA's and submit comments to DEAT authorities.</p> <p>D2 Lobby Environ. Ministry (DEAT) for mercury to be listed as a priority pollutant with an Air Quality standard</p> <p>D3 Report on BAT in coal power stations and letter to regulator/ DEAT</p>	completed by end October	
7	Design, print and distribute mercury spill and cleanup brochure for hospitals	<p>A1: Adapt existing material for the South African setting (context and translation)</p> <p>A2: Distribute these to all infection control nurses and hospital waste departments in South Africa.</p>	D1 brochure	Distribution by end May 2007	
8	Provincial Hospital waste disposal survey	A1: Survey selected state and private hospitals in the province and determine whether hospitals still dispose spilt mercury in their sharps containers and whether most of this is destined for incinerators	D1 short report from hospital survey	By end June 2007	
9	Track and contribute to global / European mercury campaigns	<p>A1: Attend international mercury meetings and co-ordinate activities with Zero Mercury WG</p> <ul style="list-style-type: none"> - UNEP Governing Council, Nairobi February 2007 - UNEP AHOEWG meeting in November 2007 (Bangkok) - Dubai (SAICM) - Others 	D1 Short report of international mercury activities	By end Oct 2007	

Additional activities following on from phase II

1. Reprint and distribute Hospital waste brochure See the revised budget attached
2. Follow up of the survey to Local authorities on disposal and collection facilities...etc.
3. Follow up and attend chemical safety processes and focal points in South Africa and abroad (SAICM/WHO/UNEP e.g. Dubai preparatory activities for special sessions, Basel and UNEP AHOEWG on mercury etc.
4. Generally keep track of and follow up work on capacity building on NGO's in SA (or Africa) working on mercury issues
5. Contribution to the global / European mercury campaigns by:
 - Attending international meeting and highlighting and lobbying for global mercury ban.
 - Lobbying politicians when necessary to put pressure for limited and safer mercury trade, use, storage, and standards