

Project approved -
* Budget changes
(electronically)
- additional changes

PROJECT PROPOSAL
GEF SMALL GRANTS PROGRAMME

1. PROPONENT ORGANISATION:

Wetlands Working Group of Namibia

Scientific working group of aquatic scientists, Shirley Bethune and *Ndina Nashipili, Co-chairs

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References: Dr Chris Brown NNF Tel: 248345, Dr Stef de Wet, DWA, Tel 2087162

Experience: Running the wetlands working group of Namibia since 1994 and before that the Namibian branch of the Southern African Society of Aquatic Scientists SASAQS since 1982

Publications that the Wetland Working Group have contributed too recently include the ICGSE book on Pollution in Namibia (1999), the *Water Plants of Namibia* – a manual for identification (2001), the booklet and poster on *Wetlands of Namibia* (2004), Namibia's draft wetland policy, as well as several popular articles on wetlands e.g. for the annual *Conservation* magazine and *Youth Paper*.

The Wetlands Working Group of Namibia is a voluntary association of aquatic scientists working in Namibia and includes members from NGO and Government institutions as well as consultant services, educational facilities and interested members of the public. The committee meets monthly and the overall objective of the group is to “strengthen the implementation of the Constitution of Namibia (Article 95L) by adopting measures improving the protection of wetland ecosystems, their biological diversity and essential ecological processes, as well as improving the sustainability of wetland resource use and preventing wetland loss and degradation”. The group designed and is committed to the “Action plan for sustainable wetland management” as set out in Namibia's ten-year strategic plan of action for sustainable development through biodiversity conservation. The Wetlands Working Group is not a government organisation.

2. PROJECT LOCATION

The production of the junior school resource material on water pollution in Namibia is a national project and if we have sufficient funds to print 10 000 copies then each school in the country will receive 3 copies and the remaining stock will be available to learners and teachers on request at the Department of Water Affairs, teacher's resource centres countrywide and through the Desert Research Foundation of Namibia as well as the Namibia Nature Foundation, CETN and NaDeet.

3. PARTICIPANTS AND STAKEHOLDERS

Junior school learners and teachers will benefit from the project in that material specific to Water Pollution in Namibia will be made available in a format compatible to the age group and the revised Namibian National Curriculum. This is a companion book to the one produced by the Wetlands Working Group for ICGSE some years ago (1999)* to make this important information available at Junior school level too. The junior school version has been written by Sue Hoy, herself a junior school teacher (Holy Cross Convent), with many years of experience in environmental education and edited by Carole Roberts, well-known editor of scientific publications in Namibia. Members of the wetlands working group and staff of the water pollution section of the Department of Water Affairs have contributed to the drafting. The project as a whole is co-ordinated by Shirley Bethune and Ndina Nashipili co-chairs of the Wetlands Working Group.

* Tarr J., for the National Water Awareness Campaign. 1999. *Water pollution A resource book for IGCSE in Namibia*. John Meinert Printing, Windhoek.

* ↑ copies to 25 000. (10 000 must be distr.)
* check copyrights - educational purposes
* Copies to SC members.
* CD-Roms = (instead of Bush Telegraph).
(add address.)

4. STATEMENT OF COMPLIANCE WITH GEF AND SGP CRITERIA

This project complies with two GEF focal areas, Biodiversity Conservation and International Waters and thus could fall under either, OP 2 on Coastal, Marine and Fresh Water Ecosystems or OP 10 on Contaminant based Operational Programme.

This project is jointly undertaken by NGO and government scientists, teachers and Ms Roberts.

5 EVIDENCE OF PARTICIPATORY PLANNING PROCESS AND AGREEMENT BY PARTICIPANTS WITH PROJECT OBJECTIVES AND ACTIVITIES

When first initiated for senior schools a series of participatory meetings were held at DWA with water specialists particularly from the ecological research and pollution control sections of the Department of Water Affairs as well as with all members of the Wetland Working Group of Namibia. The result was the 1999 publication of the ICGSE book on Water Pollution in Namibia. The need for something similar for junior schools was identified and the text was drafted with the assistance of teachers. The artwork is currently being produced by the Namibian artist Helge Denke and Carole Roberts is editing the junior school book. Original funding was received from Sida as part of a Water Awareness Budget, which unfortunately did not make provision for the finalisation and printing of a second booklet for junior schools. This has been discussed at recent monthly meeting of the Wetlands Working Group and a proposal was submitted to GTZ in June this year but as biodiversity funds were limited and are being reserved for a publication on the achievements of the national biodiversity programme, this was not successful. The WWG agreed to approach the UNDP SGP for funding to complete this task and hoped to have the book published in 2005 to be launched on World Wetland Day 2006. **The propose project was approved by the SC in February 2006 but the Wetland group decided to include one important activity and subsequent funding before resubmitting the proposal in 2006.** It is now hoped that this submission will be successful and the book ready to be launched on 22 March 2007 to coincide with the national World Water Day celebrations in Oranjemund next year. The production of a complimentary edition of the *Bush Telegraph* has been discussed with Viktoria Keding of NaDeet.

6. BASELINE ASSESSMENT OF RELEVANT ENVIRONMENTAL AND, IF POSSIBLE, SOCIO –ECONOMIC CONDITIONS

As this project was in fact initiated some years ago with Sida support and met the criteria for their environmental funding allocation, only a brief summary will be given here. Namibia is an arid country, and what little water we have is very precious and it is imperative that we neither waste it nor contaminate what we have. Although water pollution levels in Namibia remain low, many threats have been identified, particularly that of groundwater pollution and eutrophication by agricultural chemicals. It is essential that children of all ages be made aware of water pollution, its causes and solutions to the problems so that Namibia is well able to meet the challenge of keeping our vital water resources clean and to do our best to in future avoid the high costs of water purification.

7. CLEAR STATEMENT OF PROJECT GOAL, OBJECTIVES, ACTIVITIES AND EXPECTED RESULTS AND HOW THESE RESULTS WILL BE ACHIEVED.

The project goal is: To produce and distribute a factual book on Water Pollution in Namibia suitable for junior schools to teachers and learners throughout the country. The objectives are:

- To produce 10 000 copies for distribution to all junior schools in Namibia.
- To launch these books on World Water Day 2007, distribute them to schools nationwide and include them in future resource packages sent to participants in future national environmental competitions. (e.g. Wetland/Water Day quizzes, Young Scientist and Envirocare)

The main activity is finalising the artwork, final editing of the text, final layout, checking and printing of the books. Further activities are the organisation of the book launch at the World Water Day event in March 2007. This task will be undertaken in collaboration with the National Committee responsible for organising the annual World Wetland and World Water Day events.

The expected results are 10 000 copies of the book, distributed to all junior schools in Namibia being used by participants to prepare for future water and wetland competitions, Young Scientist competitions and for other school projects and assignments. We expect this book to be a useful resource to junior school teachers and a valuable addition to the series of water and wetland books that have been produced each year since 1992 as part of the National Water Awareness Campaign of the Department of Water Affairs. Eventually we expect that the lessons learnt from this publication will be put into practise and prevent further contamination of our precious water resources and save the county the high costs of trying to reverse the impacts of water pollution in the future.

The measure of these results will be in the use by learners of this book when preparing for national water and wetland competitions and for science projects as well as feedback from teacher's who use the book. One direct measure would be the number of requests received for the book through the DWA, teacher's resource centres and Environmental Education centres.

8. TECHNICAL ASSISTANCE

This is already in hand, Sue Hoy wrote the text, Helge Denke is finalising the artwork and Carole Roberts is editing the manuscript. Viktoria Keding will produce the complementary edition of the *Bush Telegraph*. Publishers have given a quote on the final printing and technical correctness will be checked by members of the Wetlands Working Group prior to going to the printers. Page proofs will be checked by both Carole Roberts and Shirley Bethune.

9. WORKPLAN

The work is well in hand, the text has been written, the artwork is being finalised and final editing has begun. Once funding is available the book can be ready for publication within two months and should be available in good time for the proposed launch on 22 March 2007 and for inclusion in the resource packages for the 2007 Wetland/Water regional and national quizzes. Distribution to schools can commence at the beginning of the 2007 school year.

Month 1: Finalise text and artwork

Month 2: Editing and final proofreading of text

Month 3: Printing

22 March 07: Launch of the Books at the World Water Day Celebrations in Oranjemund

* *Bush Telegraph* - Newsletters
for how long + how many.

10. BUDGET

10 000 copies: 72 pages text + cover

FUNDS REQUESTED FROM SGP IN NAMIBIA

	N\$	US\$
Origination:		
Edit: 17 500 words	6 000.00	1 000.00
Artwork Briefing and checking	6 600.00	1 100.00
Cover A4	1 500.00	250.00
Illustrations + scanning 72 @ 200	15 000.00	2 500.00
Photographs 16 @ 150	2 400.00	400.00
Sub-total	31 500.00	5 250.00
Production:		
Design, setting and printing	75 000.00	12 500.00
Proofing	3 300.00	550.00
Sub-total	78 300.00	13 050.00
Project co-ordination and overseeing		
Project management	9 000.00	1 500.00
Launch and distribution	12 000.00	2 000.00
Sub-total	18 000.00	3 000.00
Special edition of the <i>Bush Telegraph</i>		
Production Development	5 000.00	833.00
Printing	15 000.00	2 500.00
Distribution- Stationary + postage	10 000.00	1 697.00
Sub-total	30 000.00	5 000.00
Contingency (4-5%)	7 200.00	1 200.00
TOTAL	165 000.00	27 500.00
Expected expenditure by month:		
	N\$	US\$
Month 1 - Artwork and photographs	24 500.00	4 250.00
Project management	3 000.00	500.00
Month 2 - Editing	6 000.00	1 000.00
Project management	3 000.00	500.00
Month 3 - Design, setting and printing	75 000.00	12 500.00
Proofing	3 300.00	550.00
Project management	3 000.00	500.00
Months 6+ 7* -Finalisation, launch and distribution	18 000.00	3 000.00
Special edition of <i>Bush Telegraph</i>	30 000.00	5 000.00
Contingency	7 200.00	1 200.00

* Please note that there is likely to be a few months break between printing and the launch on World Water Day in March 2007. Some of the preparation for this may be done in February; distribution to schools is likely to start at the beginning of the school year, and the special edition of the *Bush Telegraph* prepared in time for WWD.

FUNDING FROM OTHER SOURCES TO DATE:

The amount already spent and funded by *Sida* and Wetland Working Group in the development of the Water Pollution Book for junior schools to date has been N\$ 45 691.00. These funds were left over after the completion of the Water Pollution book for IGCSE in 1999 and included the interest that had accrued and which on request was allowed to remain in the Water Awareness account of the Wetlands Working Group administered by the DRFN. This source was unfortunately not sufficient to include the costs of the artwork and printing.

IN KIND CONTRIBUTIONS:

Members of the Wetlands Working Group of Namibia have and continue to give freely of their time towards the production of these resource materials. WWG has drafted funding proposals, checked scientific content and organise the book launch at no cost. Promotion of the books through annual wetland and water competitions and regular press releases is done in the spirit of contributing to environmental awareness nationally. Since 1999 the DRFN have provided their financial services at no cost. Initial distribution to the schools will be through the Ministry of Basic Education and ongoing distribution by the Wetlands Working Group, DWA and EE Centres such as DRFN, NNF, NaDeet and CETN as well as national teacher's resource centres.

11. MONITORING AND EVALUATION PLAN

Each copy of the book distributed will include a simple one page evaluation sheet requesting teachers and learners who use the book to complete a series of questions on the usefulness of the publication. These should be returned to the Wetlands Working Group. Use of the resource by participants at the annual regional and national Young Scientist, Museum Envirocare and Wetland / Water Day competitions will be evident as several members of the Wetland Working Group regularly assist as judges at these events. A tally of requests for books received by the wetland working group, the Department of Water Affairs and EE Centres will be kept.

12. BUSINESS PLAN/ MARKETING STRATEGY IF APPROPRIATE. Not applicable

13. SUSTAINABILITY PLAN

Three copies of the book will initially be distributed free to each junior schools in the country (6000 copies), it is hoped that a least one copy per school will be taken up in the school library and a further 500 copies will be sent to libraries, the archives, resource centres and EE centres for their libraries. 2 000 copies will be kept by the Wetlands Working Group and the Department of Water Affairs for distribution in resource packages for future World Water day events and on request to teachers and learners, whilst the remaining 1 500 books will available through educational resource centres such as the DRFN, NaDeet and CETN. Funds will be sourced to be put into a special Water Awareness account administered by the DRFN for future updating, revision and reprinting of the book

14. COMMUNICATIONS

Attached please find a copy of the 1999 Publication on *Water Pollution – A resource book for IGCSE in Namibia*.

15. SUPPORTING DOCUMENTATION

Attached please find copies of resource materials produced or contributed to by members of the Wetlands Working Group since 1992 as well as the booklet and poster on *Wetlands in Namibia*.

