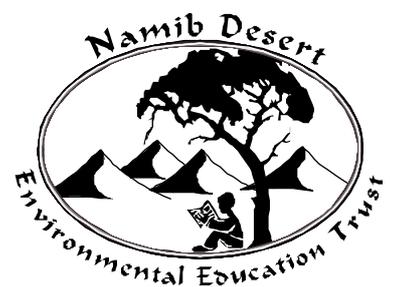




# THE ANNUAL MOLE



NADEET'S Annual Report  
March 2009 - February 2010



# OVERVIEW

Dear NaDEET Friends,

2009 was a very exciting year for the protection of Namibia's well-known coastal desert environment. Much of this area was previously under diamond mining jurisdiction with the last major parcel of land recently being de-proclaimed. The Namibian government has integrated this section into the existing Namib-Naukluft National Park making the entire coastline of Namibia - stretching 1570 km - one contiguous protected area. This will become the largest park in Africa and the 8<sup>th</sup> largest in the world. We congratulate Namibia on this monumental achievement in time for the celebration of its 20 years of independence on 21 March 2010.



The NamibRand Nature Reserve, NaDEET's home, lies on the eastern edge of this massive desert conservation area and shares with it a 100 km long border. This gives NaDEET an ideal setting to teach environmental education and instil important conservation values in Namibians. During this year's strategic planning we have re-aligned our mission statement to better reflect our core values.

*NaDEET's mission is  
to protect the natural environment of Namibia by  
educating its citizens to practice a sustainable lifestyle*

Our sustainable living programmes at **NaDEET Centre** remain in the forefront of environmental education in Namibia and the world, with recognition of our work at the UNESCO World Conference on Education for Sustainable Development in Bonn, Germany, in March 2009. NaDEET is proud to deliver high-quality education in the most cost-effective way possible. Since we first began, NaDEET Centre has hosted over 4000 participants from more than 130 school, youth and adult programmes. Our "practice what we teach" programmes have evolved to meet the changing needs of Namibian children and adults, but they remain focussed on our four priority areas: energy, water, waste and biodiversity.

During this past year we continued with our partnership at the Polytechnic of Namibia by hosting two nature conservation students for six month internships as part of our **capacity building** project. We also hosted two American Global and International Studies Masters students as interns that were involved in all aspects of NaDEET's work.

Our award-winning **environmental literacy** programme published two issues of our bi-annual *Bush Telegraph* magazine on the topics of sanitation and women and the environment. In addition, we also published *It's Time to Change: Learning and Living for Nature*, our first activity book for school children.

2010 brings us several new and exciting projects. With sponsorship from the UNDP Global Environment Facility- Small Grants Programme, we will be hosting five adult groups comprised of community members from the southern regions of Namibia. The community members will participate in a week long, hands-on practical training in sustainable living at NaDEET Centre. Upon completion of the course, they will take home their own parabolic solar cookers, solar ovens, fuel-efficient stoves and recycled fire bricks. This is the first time that NaDEET has received funding to assist communities and provide direct access to these important sustainable living technologies.

This funding will also allow us to develop two more books for our environmental literacy programme. The books are designed for adults, but will also be appropriate for teenagers and young adults. They are entitled *It's Time to Solar Cook* and *It's Time to Be Efficient: A Guide to Sustainable Living in Namibia*.

With a recently signed agreement with the US Peace Corps, we will be hosting one of their volunteers for a two year period, beginning in April 2010. We believe this will assist us to continue to strengthen our environmental education programme at NaDEET Centre.



We gratefully thank all of our donors and friends for your on-going support of our important environmental education work. By "practicing what we teach" we strive to be an environmental role model for others to follow, so we all may live in a more sustainable world.

Best wishes,

A handwritten signature in black ink, appearing to read "V. Keding".

Viktoria Keding, Director

# NADEET CENTRE



**School and Youth Groups 2009:** *Sonop PS, Stampriet PS, St. George's Diocesan College\*, St. Patrick's PS, El Natan Private School\*, Environmental Research and Inquiry Skills Programme (Windhoek and Hardap ), PJ Tsaitseb JSS\*, Daweb JSS\* (2x), JR Camm PS & Rooiduin JSS, WJD Cloete JSS\*, Dr. Frans Aupa Indongo PS\*, Cambridge PS\*, Deutsche Höhere Privatschule (DHPS)\* (2x), Danie Joubert PS\* (2x), Drimiopsis PS, Onyose Trust.*

**Adult Groups 2009:** *Safaris Unlimited Guide Training, DED-Weltwärts In Service Conference, Namibian Environment & Wildlife Society (NEWS)\*, Maltahöhe Farmers Association\*, Desert Guiding Course by the Namibian Academy for Tourism and Hospitality (NATH)\*.*

*\*returning groups*

2009 was a record year for NaDEET. Altogether 25 groups participated in an environmental education programme at NaDEET Centre - the highest number since NaDEET's start in 2003 and an increase of 25% compared to 2008! In total 632 school-aged children and 167 adults were hosted at our Centre. It is noteworthy that, except for two, all groups that were at NaDEET Centre in 2008 returned again in 2009. We also welcomed seven new groups this past year.

Our long-term aim, and part of our strategic plan for 2009-2012, is for all schools from the Hardap region to come to NaDEET at least once. This aim is well underway with 56% of all schools visiting NaDEET Centre in 2009 originating from the South of the country. Thank you to the Netherlands Embassy, the &Beyond Foundation, the Wolwedans Foundation and

the Windhoek Rotary Club for assisting underprivileged children from this region to visit NaDEET Centre.

Compared to 2008 NaDEET doubled the number of adult groups that visited the Centre (from 3 to 6). We expect that this trend will also continue in 2010 due to our new community group project.

With funding from the NedBank Go Green Fund we implemented a special secondary school programme with six schools focused on environmental leadership and research skills. We have used this project to enhance and improve our secondary school programme. Our primary school programme also has successfully undergone a re-vamp with improved activities and a new "sustainable living journal".

**Vision:**  
To be a leader and model of Centre-based sustainable living education

## A look ahead: Local community groups will receive training at NaDEET Centre

With funding from the UNDP Global Environmental Facility Small Grants Programme local community groups will receive training at NaDEET Centre. Through this training and the distribution of solar cookers and fuel efficient stoves to the communities, NaDEET will contribute to removing barriers to sustainable living technologies.



# ENVIRONMENTAL AUDIT 2009

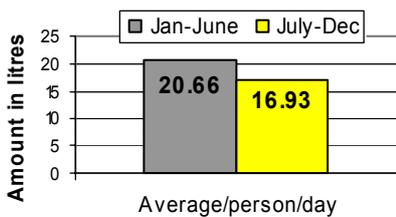
This year's environmental audit, implemented through a NaDEET Centre activity entitled "Measuring our Enviro Footprint", once again provided participants and staff with interesting results. By scrutinizing the environmental impact of our water and energy use and waste production, we can monitor and reduce our overall footprint.



## Water

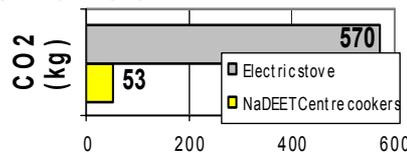
Last year we reported on a worrying trend of increased water consumption/person. We believed this was due to the limited way we were able to measure our hot water use. Previously, we were only able to monitor hot water used for the whole group instead of per shower unit. With the installation of additional water meters in July 2009, we are pleased that there was an immediate decline with an average decrease of 4 litres/person/day. The additional water meters enable students to examine their water usage within teams, allowing students to relate their personal actions more directly to the water count.

Effect of Installing Multiple Hot Water Meters 2009



## Energy

Our energy audit investigates electricity usage and CO<sub>2</sub> emissions produced by different cooking energy sources. NaDEET Centre is completely powered by solar electricity and audited by a simple battery monitor. As part of the programme, participants record and compare their daily electricity consumption. In 2009, 83% of Centre cooking was with solar cookers and ovens, 10% in a fuel-efficient stove and 9% on a gas stove. Our cooking energy audit takes this information and calculates the CO<sub>2</sub> emissions produced. Comparing these results with the amount of CO<sub>2</sub> emissions that would have been produced had an electric stove been used instead shows the greatly diminished impact our energy use has on the environment.

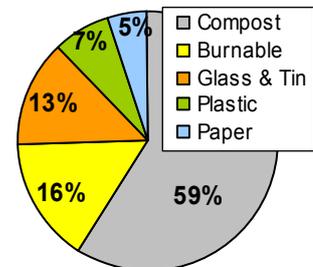


## Waste

With cooperation from numerous partners, we are now able to recycle not only glass, tin and compost, but also paper and plastics. Compost continues to be recycled on-site and other recyclables are taken to Windhoek. This improved system has reduced by half our burnable waste which is incinerated at NaDEET base.

The waste audit results show a clear difference in waste produced by adult and children groups at the Centre and between rural and urban groups. With access to money and goods, more waste is produced.

Percentage of Waste Produced 2009



## A look ahead: Aspiring further reductions

We hope to see a continued downward trend in our consumption through successful environmental teaching.

# CAPACITY BUILDING

This year we had two University of California, Santa Barbara Master's students intern with us for six months for the first time. Alanna Pardee interned at NaDEET Centre and worked on our environmental literacy project while Benjamin Burghart focused on fundraising and marketing. Students from the Polytechnic of Namibia Nature Conservation course continue to be an asset to NaDEET while the students gather invaluable experiences through their hands-on work here. Recent students are Viktoria Endjala and Ruusa Gottlieb who is conducting a study about the composition of recycled paper fire bricks to make them more efficient. We also recently received a letter from former student Viktoria highlighting the impact of her internship at NaDEET:

*Today I was looking at the NaDEET website and was impressed with everything you are doing. I congratulate you for that. I have joined the Polytech Environmental Club and I hope to apply what I have learned at NaDEET because they want to create more awareness on the 3Rs and I cannot wait to do something useful with the knowledge I gained there.*

NaDEET's contribution to the Namibian Environmental Education Certificate (NEEC) course continued as Viktoria Keding once again was the external moderator for the course in December.

# ENVIRONMENTAL LITERACY

## Bush Telegraph

In 2009 NaDEET produced another two issues of our award-winning *Bush Telegraph* youth magazine. This year's issues were generously funded by the UNESCO-Windhoek Cluster office, as valuable contributions to the Decade of Education for Sustainable Development. The issues investigated sanitation and the role women play in promoting a sustainable environment. More than 13 000 children and educators are subscribed to receive the free *Bush Telegraph* magazine. Nelson, a learner from Walvis Bay recently wrote to us to say, "Thank you *Bush Telegraph* for being a loyal educator. NaDEET has given me lots of knowledge over the years". We are pleased that UNESCO will continue to fund two new issues of the *Bush Telegraph* in 2010.

## Activity Book: "It's Time to Change"

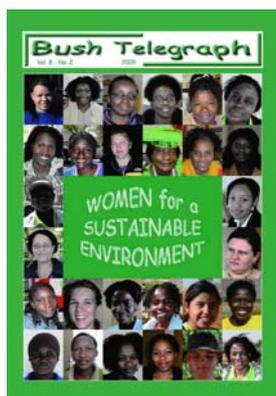
In 2009 Director Viktoria Keding took the knowledge and experience gathered from NaDEET Centre programmes and released it in book form: *It's Time to Change – Learning and Living For Nature*. True to its title, the book, which is primarily designed for Namibian school children, includes 13 pages of fun-filled activities, powerfully demonstrating the imminent necessity of adopting a more sustainable lifestyle. It makes environmentalism come alive by illustrating solutions to environmental problems typical for Namibia and particularly focuses on the Namib Desert ecosystem. Together with NaDEET Centre participants, all schools in the country have also received free copies.

## Award-winning work

Our environmental literacy work was again recognized as we received third place in the Eco Media Awards 2009 in the "Publisher House" category. The Eco Media Awards is hosted by the Eco Awards and Namibia Breweries to acknowledge outstanding contributions to the field of environmental journalism. NaDEET was recognised for the *Bush Telegraph* issue on sanitation and our new activity book *It's Time to Change*.

## A look ahead: New "It's Time to ..." series to be launched

In addition to two new issues of the *Bush Telegraph*, NaDEET is working on a series of booklets on sustainable living including *It's Time to Solar Cook*, *It's Time to be Efficient* and *It's Time to Identify*.



You can download all NaDEET publications from our website at: [www.nadeet.org/educationalMaterial.html](http://www.nadeet.org/educationalMaterial.html).

# CAPITAL EXPENDITURE PROJECTS

After six years of operation, NaDEET Centre's living facilities need to be renovated. We successfully started this long-term project with the rebuilding of the six original showers including plumbing making them easier to use. US volunteers and artists Jon Leavitt and Haven Tyler is currently painting desert murals in each shower to remind visitors to save water. In order to better handle all our classroom tables and chairs, a new versatile storage bench has been built inside the main building. Our new metal stand has been built for our Centre water tank.

Visitors and staff relaxing between activities on the new storage bench at NaDEET Centre.



## A look ahead:

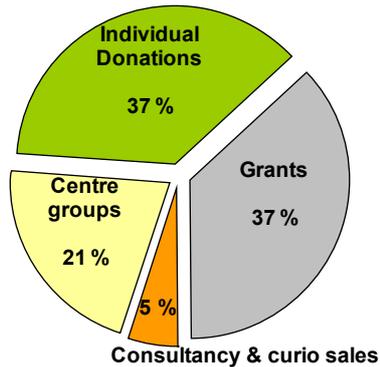
### New accommodation houses for NaDEET Centre

In 2010 we must renovate our current accommodation houses at NaDEET Centre as several are beyond repair. These houses were originally built in 2003 with 'second-hand' wood generously donated by our neighbours, Wolwedans Lodge.

We aim to build an improved design that is better equipped against extremely cold winter nights and summer rain. We are currently in the design phase and are researching ideas and significant funding for this necessary project.

# FINANCES & FUNDING

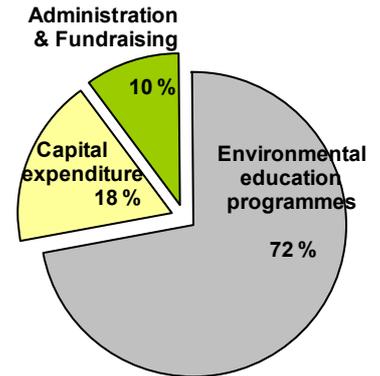
## Income



After a good financial year in 2008, this past year unfortunately left us with a negative balance. Our total income was only N\$878,000 (€80,000, USD125,000) and our expenditure was N\$1,13 million (€103,000, USD160,000) as budgeted. This has left us with a deficit of approximately N\$250,000.

All of our usual income sources generated between N\$25,000 and N\$75,000 less income in 2009 than the year before. This can most likely be attributed to the unfortunate worldwide financial crisis. Our decreased group income was due to the lack of co-funding for several low to middle income school groups that we welcomed with our open door policy, whereby all children may visit NaDEET Centre regardless of ability to pay.

## Expenditure



Our increased expenditure was primarily due to an increase in our programme output. As reported throughout the *Annual Mole*, we had a record number of groups and were highly productive in all other project areas as well. In addition we had large volunteer staff and one additional paid staff member in 2009. Lastly our Centre expenditures increased due to the steady increase of food costs.

Financial Consulting Services (FCS) is NaDEET's accounting firm. Exchange rates used 1€= N\$11, USD1= N\$7

## Fundraising

As a non-profit and non-governmental organisation, NaDEET depends highly on private and public funding. This past year, as reported in our finances, was challenging in this regard. However, we are very pleased that we had a very successful fundraiser in the US in May and that many of our regular grant-givers continued to support our projects in 2009.

For NaDEET Centre programmes in 2009 we received grants from NedBank Namibia Go Green Fund, Netherlands Embassy, &Beyond Foundation, Wolwedans Foundation and Rotary Club Windhoek. The German Development Agency (DED) and the "Deutsche Gesellschaft für Technische Zusammenarbeit" (GTZ) both funded learning materials for NaDEET Centre. Several companies also provided us with discounts on our purchases and donated goods.

UNESCO Windhoek cluster office enabled us to produce two more issues of the *Bush Telegraph* to give school aged children a better understanding of environmental issues. They have also pledged their continued support for 2010 for our key environmental literacy project. For general support we have received funds from the Lions Club Windhoek, Pupkewitz Foundation, &Beyond and the NamibRand Conservation Foundation. We are also proud to have received a large grant to mitigate climate change from the UNDP Global Environmental Facility Small Grants Programme. This grant will sponsor our environmental education project for community groups that started at the beginning of 2010.

The new supporting organisation "Freundschaft mit NaDEET" is off to a good start since April 2009. It has planned several different fundraising activities in Germany to generate more support for our work in the upcoming year. "Freundschaft mit NaDEET" members will travel to Namibia in October this year and spend a week at NaDEET to learn about our work first-hand.

## A look ahead: Concerts in Europe for NaDEET

In France and Germany our support organizations are hosting concerts to raise funds for NaDEET. Long time NaDEET supporter, Bruno Panabieres, is hosting another family and friends concert in Marseilles in March and Freundschaft mit NaDEET is hosting a gospel workshop and concert in May. See our website for details: [www.nadeet.org/freundschaft.html](http://www.nadeet.org/freundschaft.html)

# NADEET IN THE MEDIA

The well-known culture and travel channel ARTE, broadcast in both French and German, will feature Namibia on their "Les nouveaux paradis" programme this year. The programme explores eco-tourism in the country and includes a feature on NaDEET's unique environmental education work. Check your local TV guide and News@NaDEET on our webpage for date and time of the broadcasting, [www.nadeet.org](http://www.nadeet.org).



US independent filmmaker Branan Edgens, produced a short documentary entitled "Water and Fire" that explores human water and energy demands. It highlights NaDEET as an "outpost of progress" to address these environmental issues. "Water and Fire" was first aired at our US fundraiser and together with a short NaDEET promo will soon be available on our website.

# THANK YOU

**NaDEET gratefully acknowledges the individuals, groups, companies and grant-giving organisations who have made generous contributions from 1 March 2009 to 28 February 2010 for our environmental education projects.**

2nd Congregational Church Outreach Committee	Gail Dumas	Mr. Lang	Colleen Schirff
2nd Congregational Church Women's Fellowship	Wynand and Claudia DuPlessis	Gertraude M. Larsh	Helmut and Renate Schmid
Absolute Logistics	Dürr/Höbel/Gerstberger Group	Judith Lee and William Herbert	Manuela Schmid
Maksim Chase Agabs	Barry Dworkin	Dietch and Susi Leis	Dirk and Ingrid Schneider
Sylvan Albert	Annelies Echols	Alexandra Liolin & Michael Kehoe	Juergen and Heide Schreiber
Liz Alexander	Rick Edwards	Joan Loos	Alison Schwartz
Carola Allred	Samuel Ehrenbold & Carole Schaber	Marianne Mackenthun	Seifert
Alexander Alsbach & Andreas Kölsch	Lydia Ellis	Carrie Magistro	Adeline M. and H. Richard Seltzer
Theodore Ames	Clutch Esterhuizen	Markservices Nord	Nadine Seltzer
Lukas Arbenz and Marion Briner	Miek Wackie Eysten-Neervoort	Arlene Marshall	Allison Semmes
Brian Atkinson	Uwe and Annette Fischer	Mark Matthias and Jennifer Martin	Renate Setten
Essa Audi	Uli Frantz	Ginger Mauney	Danica Shaw
John and Martha Awdziewicz	John Frasco	Christine McArthur	Linda Shirley
Baines Family	Nicole Frasco	Mary Wrenetta McCain	Gregor Siebos
Elisabeth Baker	Brigitte Fries	Christi Meyer & Cheryl Walpole	Gerhard Silbermann
Anne Baltren	Jen Gardner	Jenn Rae Moore	Romain Simon & Ben McMahon
Dieter Banzhaf	Nick Gibbon	Viorica and Hugh Morris-Stan	Vincent and Denise Sorese
Jeac Marc Bara	Gerald and Rosalie Giban	Gabriela Müller-Feltkamp	Waltraut Spaeh
Kristin Elise Barber	Carolyn Gilbert	Karen J. Nagy	Marie Spelling
Evelyn and John Bausman	Annette Griffith	Nami Nakayama & Allister Banks	Stadt Frankfurt & Luzius Ziermann
Torya Beard	Sherry Haberkern	NamBreweries Eco Media	James Steen
Anita Bechtel	Gerhard and Edith Hägele	Deborah Narrod	Peter and Regine Stolzke
Peter and Paula Beckwith	Carolyn Hanken	Bob Naylor	Janet Stroble
Marianne Berker	Kai Harada	Laurant and Jennifer Neault	Gerhard Sturm
Christian Bigler	Linda and Albert Hartig	Erika Neumeister	Swachem
Imogene Bittenbender	Hartmann Group	Johannes Oldenburg	Ann Sweeney
Richard and Margot Bittenbender	Ted Hearne	Barbara O'Neill	Faith Sweeney
Dieter and Dagmar Blennemann	Hans and Jenny Heidenreich	Thomas and Caroline Pages	Jean-Luc and Laurence Teinturier
Hans Bomhof & Catrien de Graaff	Bärbel Heiduk	Eva-Maria Palevich	Ternat
Cord and Briga Brandis	Guenter Heilmann	Elizabeth Cheney Parker	Diana Thompson
Brooklyn Breweries	Heyraud	Felix Paulick	Jennifer Tice
Nancy Brumback	Adelita Hinojosa-Martin	Patrick Paulick and Julie Rockett	Elizabeth Timperman
Julian Brunner	Win and Margie Hodges	David & Catherine Hopper Perlman	Erika Timperman & Peter Kehoe
Benjamin Burghart & Alanna Pardee	Joerg Homeier	Rich and Betsy Perry	Karel and Isabel Timperman
Margaret Butler	Hurcic Hrvoje	Caia and JP Peterson	Marisa Timperman
Chris Cargill	Eric Insko	Dena Phelps	Alan Trimble
Mary Cargill	Kellye Jackson and Mbaye Mar	Bernard Pinon	Ken Triwush
James P. Carr	Karen Jacobson	Joan Popper	George Tucker
Alain Chaleac	Paul Jalbert and Mr. Michaud	Julie Prescott	Robyn van den Heuvel
Cleon	Cornelius Jones	David and Judith Pressler	Sylvia Wallner
Hermann Cloete	Ullich Kaisal	Richard and Mary Radcliffe	Angus and Gemma Webster
Constantin Family	Olaf and Katja Keding	Wolfgang Raith	Linda Wilkinson
Cyan Dandridge and Ward Bouwman	Bill and Kathie Kiernan	Joshua Redfearn & Emily Park Smith	Dick and Candy Wolf
Betty Davies	Donald J. Kirk	Francis and Barbara Rockett	Nancy Wolf
Marshall Davis	Mary C. Kirk	Dino & Michelle Schaber-Romano	H. Roz Woll
Klaus Detering	Kristina Kjellsson	Rainer Rossipaul	Chris and Marion Wood
Christophe and Anne Dezeure	Sabine and Hilger Koenig	Hans und Christel Roth	Betty Woodman
Heiner Dillmann	Martha Kregger	Hartmut Ruppel	Mickey Yardis
Döbra Solar Development Project	Andrea Kursawe	Rosemary Ryan	Tinka Zeitvogel
Mike Dorrian	Gloria LaDestro	Monika Saur	Christin Zingelmann
Ingrid Dreyer	Karen LaMonica	Sylvere Saxe	Zipfel Family

## A SPECIAL THANK YOU

### **For all of your time, effort and continued dedication:**

Sarah Bittenbender and Family    The US Fundraiser Team and Second Congregational Church  
Reinhard Keding and Freundschaft mit NaDEET    Monika Diehl    Suzanne van Vliet    Marseille Namibie

### **To our founding supporters:**

Berker Family    Elinor & Marc Dürr    Dorothe & Jürgen Klein    Wulf & Renate Paulick    Mayda & Bernard de Winter



# WE NEED YOUR HELP!



NaDEET depends on individual donations to fund our environmental education projects. Most Namibian school children and their families cannot afford to cover the cost of a NaDEET Centre programme. It is however one of NaDEET's core principles to provide environmental education for everyone, regardless of their financial means. We are also in need of funding to renovate the Centre's houses to provide comfortable and safe accommodation for our visitors.

## Please help us with a donation today!

One child for one day N\$ 150 (€ 15, US\$20) One child for one week N\$ 600 (€ 60, US\$ 80)  
One school group for one week N\$ 22,000 (€ 2,200, US\$3000) New accommodation N\$35,000 (€ 3,500, US\$4700)

YES, I WOULD LIKE TO SUPPORT NADEET

with the following donation: \_\_\_\_\_ (amount)

Please fill in your contact details to receive the newsletter and for our records:

Surname: \_\_\_\_\_ Name: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

Country: \_\_\_\_\_ Email: \_\_\_\_\_

Please send this information with your donation to:  
**NaDEET, P.O. Box 31017, Pioniers Park, Windhoek, Namibia**  
Email: [admin@nadeet.org](mailto:admin@nadeet.org) Fax: +264-63-693013

*Thank you very much! Your help is greatly appreciated!*

### Donations can be made as a cheque or bank transfer to:

NaDEET  
Bank Windhoek  
Branch Code: 482 172  
Account No.: 3000659951  
SWIFT: BWLINANX

### or in Europe

NaDEET  
Bankhaus Lampe KG  
Branch Code: 480 201 51  
Account No.: 3013812  
SWIFT: LAMPDEDD  
IBAN: DE83480201510003013812

The *Annual Mole* is produced using  
**100% wind- and solar-powered  
electricity**

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Pioniers Park, Windhoek  
Namibia  
[admin@nadeet.org](mailto:admin@nadeet.org)  
[www.nadeet.org](http://www.nadeet.org)

NaDEET is a registered non-profit  
trust in Namibia.

Trust Certificate # T168/2003

## NADEET Structure and Staff

### Board of Trustees:

Christiane Berker Elinor Dürr Uda Nakamhela

Director: Viktoria Keding

Technical Director: Andreas Keding  
Centre Manager/Environmental Educator: Position to be filled  
Sustainable Living Kitchen Manager: Elizabeth Lammert  
DED "weltwärts" Volunteer: Samuel Pfenning

Polytechnic of Namibia  
Nature Conservation  
In-Service Training Students:  
Viktoria Endjala (Jan-June 2009)  
Ruusa Gottlieb (Jan-June 2010)



Global and International Studies Interns:  
Benjamin Burghart and Alanna Pardee (July-December 2009)