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Biotechnology Outreach and Information Transfer in the SADC Region

Contract or Grantee number: 0128-1003-G-GA36



AfricaBio

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Please direct all queries regarding this report to:

Mega-Tech/South Africa
Bank Forum Building
Lobby 1, Second Floor
337 Veale Street
New Muckleneuk
0181 Pretoria RSA
Tel. 012 452 0060
Fax 012 452 0070
Email megatech@intekom.co.za

Or

Mega-Tech, Inc.
180 South Washington Street, Suite 200
Falls Church, VA 22046
Tel. (703) 534-1629
Fax (703) 534-7208
Email info@mgtech-world.com

Activity Summary and achievements:

The purpose of this grant was to build biotechnology capacity among regulators, key decision makers and the scientific community in the SADC region to better understand the policy framework and to enable them to transfer information on biotechnology to the public.

The following outcomes were some of the achievements of this grant:

- Development of a comprehensive decision makers, regulators and key scientist database for the region.
- 72 communicators trained at the regional level to offer training in biotechnology to key stakeholders in their various countries in the SADC region.
- Three editions of a hard copy regional newsletter BioBulletin was developed printed and distributed across the SADC region.
- Developed Anti-campaigners profiles for the region (see appendix)
- Developed 11 facts sheets on agricultural biotechnology for the SADC region. The facts sheets were disseminated through various medium i.e. through the communicators, biotechnology events, AfricaBio's web sites etc.

Contents of this report:

- 1) Final Report on Biotechnology Outreach, Capacity Building and Information Transfer in the SADC Region (Jan 2005); and
- 2) Annual Narrative Summary (FY2005).



AfricaBio

*Final Report on Biotechnology Outreach,
Capacity Building and Information Transfer in
the SADC region Project*



Grant No: 0128-1003-G-GA36 SADC
Duration: January 2004 to December 2004
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Project Background

The SADC region has become the focus for food aid over the last couple of years owing to the drought, famine, and poor land policies. SADC governments found themselves in precarious positions over the uncertainty and mistrust of food aid following inadequate information transfer on GM food and general misinformation.

In order to address these issues, it was proposed that AfricaBio undertake a comprehensive biotechnology advocacy and capacity building campaign in the region. The primary strength of AfricaBio rests in the organization's ability to train and promote the transfer of factual science based information to stakeholders. The safe and efficient introduction of biotechnology and GM products into the African continent will require considerable public communication and outreach. This is best undertaken by non-governmental organizations that are perceived to be credible and non-partisan. At present AfricaBio is recognized as one of these organizations (this statement was confirmed when AfricaBio was recently presented with the National award for outstanding contribution to S&T for last three years in the NGO category).

Verifiable Project Outcomes

- Development of a comprehensive decision makers, regulators and key scientist database for the region.
- 72 communicators trained at the regional level to offer training in biotechnology to key stakeholders in their various countries in the SADC region.
- Three editions of a hard copy regional newsletter BioBulletin was developed printed and distributed across the SADC region.
- Developed Anti-campaigners profiles for the region (see appendix)
- Developed 11 facts sheets on agricultural biotechnology for the SADC region. The facts sheets were disseminated through various medium i.e. through the communicators, biotechnology events, AfricaBio's web sites etc.

Project Activities Implementation

Regional Database

A regional database of key decision makers, regulators and key scientist in the SADC countries that may impact on biotechnology in the SADC region was developed.

Regional Newsletter

Three editions of a hard copy regional newsletter BioBulletin, an informative newsletter that gives decision makes in the region up to date information on biotech issues in South Africa, was developed, printed and distributed throughout the region by post and during regional biotechnology workshops, conferences, exhibitions and other biotech events.

Regional Materials developed

A number of biotechnology communication resources were developed for this project, they include:

- Agricultural biotechnology facts for decision makers booklet
- 11 biotechnology facts sheet
- Communication manual update
- GM Crops: Addressing your concerns in the SADC region

Communicators training workshops

A total of 72 communicators were trained on how to be competent biotechnology communicators, who are able to transfer factual biotechnology information to other stakeholders from varied backgrounds. *See details in Appendix A*

Regional Networking

A regional food aid workshop was conducted in collaboration with other stakeholders to provide a comprehensive training for field professionals of food aid non-governmental organisations on the issues involved in GM crops, thereby increasing their preparedness when issues emerge in their country or region of concern, and their ability to deal with them effectively.

Hosted a delegation of Lesotho government officials, which came on a fact finding mission, to get advice on how to go about developing and implementing a workable national biosafety framework

Angolan delegation visit: This was organized by AfricaBio in response to the need to begin a process of dialogue on biotechnology in Angola. The visit was aimed at addressing the need for there to be informed discussions on biotechnology in Angola

Role played by AfricaBio

The safe and efficient introduction of biotechnology and GM products into the African continent will require considerable public communication and outreach. This is best undertaken by non-governmental organizations that are perceived to be credible and factual. At present AfricaBio is recognized as one of these organizations (this statement was confirmed when AfricaBio was presented with the South African National award for outstanding contribution to S&T for the last three years in the NGO category which was awarded by the National Science and Technology Forum).

Apart from the coordination and implementation activities carried out by AfricaBio, the organization has added value due to its unique nature. AfricaBio is a stakeholder association that encompasses all biotechnology stakeholders. This means that AfricaBio is able to relate and address the needs of different stakeholders from decision makers, researchers, and farmers to consumers.

AfricaBio has been involved with communication of biotechnology to various stakeholders for the last four years. During this time, AfricaBio has developed various training and communication materials that are used to communicate to different stakeholders. AfricaBio was therefore, able to use the various resource and expertise at its disposal to effectively carry out the various activities and deliverable identified in this project.

Recommendations and way forward

- Ensuring effective regulation of biotechnology research and application is something that is of utmost importance in the region. Structures and resources need to be put in place i.e. in the form of a reference point which

- the countries would be able to contact to put them through the regulation development and implementation process.
- Train enough biotechnology communicators in the region that will constantly be making available factual information on biotechnology issues
 - There is the need to identify and address issues that are of relevance to the region through continued monitoring and public awareness activities
 - Facilitate stronger links between the biotechnology research sectors across the region and the industries that apply biotechnology
 - Promote biotechnology demonstration projects that lead to the integration of modern biotechnology into existing farming communities and industry. This has shown to have a good impact.
 - Continue to grow and maintain the regional database that will enabled scientists and other biotechnology stakeholder to coordinate their efforts to develop biotechnology in a partnership
 - There is a need to promote biotechnology information and knowledge sharing across the region by establishing a regional website, which will be jointly owned by various biotechnology stakeholders in the region, to ensure effective networking and information dissemination.

CONCLUSION

Countries in the Southern African region are at different levels in the development and application of biotechnology and in developing regulations for this technology. There is therefore the need to bridge the biotechnology/biosafety policy and information gap in the region.

This project has instigated the base line structures, needed to overcome some of the above inadequacy. It is however, an ongoing process and a more comprehensive programme needs to be implemented in the area of capacity building, training, information dissemination, public awareness and dialogue.

The Biotechnology Outreach, Capacity Building and Information Transfer in the SADC region Project has had a positive impact in on the region as it has contributed to capacity development in terms of training regional communicators in areas of biotechnology and biosafety and it has also facilitated outreach to decision makers in the region.

Appendix A

Task Reports

Below is the task report that has been submitted as part of the deliverables for this project.

SADC Biotechnology Communicators Workshop Report 5 - 6 August 2004



BACKGROUND TO WORKSHOP

The regional strategy for the development of biotechnology in the SADC region entails the development of third party spokespersons to communicate on biotechnology to various stakeholder groupings. One of the major limitations to the process in SADC has been the shortage of competent communicators who are confident to counter the misinformation campaign that is very active within the SADC region. The project under which this workshop was held is aimed at building a ground swell on biotechnology through an informed communication campaign. This workshop was therefore a key event in the process.

OBJECTIVES OF WORKSHOP

- To transfer relevant information on the latest biotechnology developments to the communicators
- To improve the communication skills of the participants
- To allow the participants an opportunity to exchange experiences
- To encourage participants to support each other with their activities
- Identify what should be done in the future
- To promote networking between participants

WORKSHOP FORMAT

The workshop was arranged into three main sections.

The Principles of Communication

- Principals of Communication
- Hands on experience from a professional communicator
- How to prepare a press release
- New Challenges of Communicating Biotechnology through the African Media
- Update of Communicators Manual - this presentation entailed highlighting the use of the Communicators manual for the delegates.

Interactive Reality Session

This was a key part of the proceedings as it served a dual purpose of not only giving the imparting TV interview skills but also raised important aspects of the technology from the perspective of farmers, regulators, consumers, scientists and industry.

Update on issues

The issues covered included the following:

- Biotechnology products in the pipeline in the SADC region
- Global overview of consumer perception of biotechnology
- What do consumers in South Africa want to know?
- Bt Maize - Small scale farmer's experience
- Impact of biotechnology on Trade Issues
- Labeling and IPS: what communicators should know
- Biosafety Protocol
- Assessments of Biosafety legislation and regulation in the region
- Overview of the PBS
- Developing communication programmes for outreach

PARTICIPANTS

The workshop was attended by a total of 72 participants from a diverse range of backgrounds including scientists, regulators, parliamentarians, farmers and journalists. Although the workshop was initially planned for 50 delegates, additional spaces had to be created as there was a lot of interest generated by the workshop. This clearly demonstrates the importance of such initiatives in the region. As a result, AfricaBio had to raise additional funding to bring in the extra delegates and allow them an opportunity to participate. The countries represented at the workshop were:

Angola
Lesotho
Swaziland
Zambia
Namibia
Mozambique
Zimbabwe
Zambia
South Africa
Tanzania

Malawi
Cote de Ivore

KEY AREAS OF DISCUSSION

The workshop offered participants an opportunity to network and share experiences on the challenges of communicating on biotechnology in the SADC region. This workshop was an important forum for addressing the needs of the participants and for answering any questions they may have.

The main issues for discussion were:

1. Implementation of the Biosafety Protocol
2. Impact of the technology on trade issues
3. The role of biotechnology in achieving food security in the region
4. Communicating biotechnology to different stakeholder groups

WAYFORWARD

At the conclusion of the workshop the countries noted that their priorities for assistance from AfricaBio were as follows:

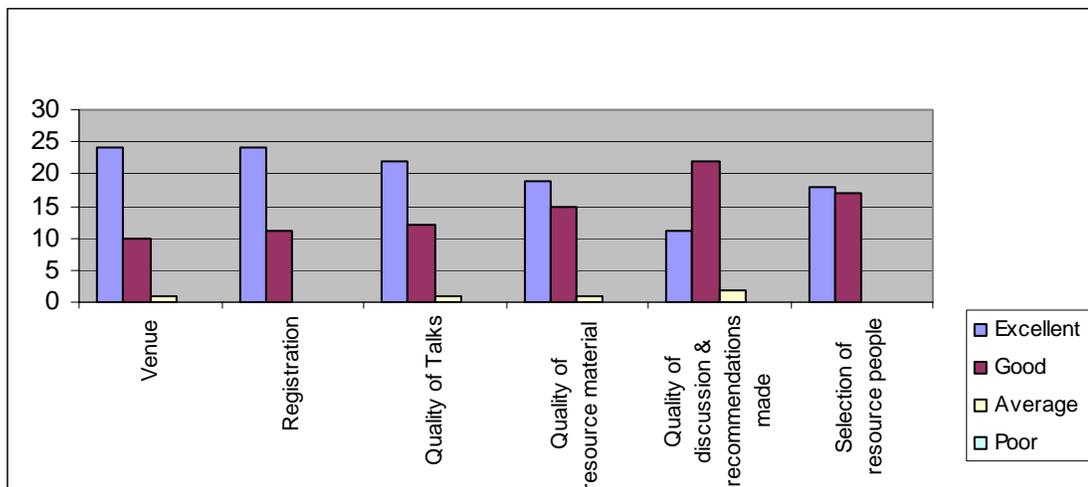
Table 1: Requirements for support within SADC indicated at Communicators' Workshop

Country	Support Requested
Angola	<ul style="list-style-type: none">▪ Facilitation of networks with other SADC countries▪ Further training on biotechnology issues▪ Assistance with the establishing of the Angola Biosafety committee
Malawi	<ul style="list-style-type: none">▪ Assistance with the development of a policy framework▪ Networking and capacity building among scientists and journalists▪ Regional harmonization
Mozambique	<ul style="list-style-type: none">▪ Strategy for developing public awareness

	<ul style="list-style-type: none"> programmes ▪ Networking and further training on biotechnology issues
Swaziland	<ul style="list-style-type: none"> ▪ Assistance with developing a Biosafety framework and national policy ▪ Assistance with establishing a biotechnology association ▪ Consumer surveys
Namibia	<ul style="list-style-type: none"> ▪ Facilitation of awareness initiatives particularly among rural and small scale farming communities ▪ Information resources and materials ▪ Share experiences on decision maker outreach with particular parliamentarians ▪ Groundwork for information dissemination and existing opportunities for using technology ▪ Public awareness programmes
Zimbabwe	<ul style="list-style-type: none"> ▪ Developing biotechnology policy ▪ Public awareness support ▪ Information resources and materials
Lesotho	<ul style="list-style-type: none"> ▪ Concluding Biosafety frameworks ▪ Training for decision makers ▪ More opportunities for networking and training of communicators
Zambia	<ul style="list-style-type: none"> ▪ Resources for sustaining current public awareness activities so as not to lose momentum gained ▪ Information resources and materials

From the requirements listed above it can be seen that countries in the region view AfricaBio as an important resource base for the region. The support required by the countries is part of that already offered by AfricaBio. Over the last two years, AfricaBio has become firmly entrenched as an invaluable information, training and material resource for the region.

Biotechnology Communicators Workshop Evaluation



Highlights

- Reality Session & Live interviews
- Biotechnology products in the pipeline in the SADC region
- Impact of GMO on Trade Issues
- Writing a press release assessing consumer attitudes
- Assessing consumer attitudes & communication strategies

What other information or resources are required?

- Update on Biotechnology issues in relation to agrochemicals industry
- Statistics and information on success stories to convince the skeptical
- Presentation material that can be used to empower extension field officers living with rural communities
- Techniques for packaging information for subsistence farmers
- How can I as a student be actively involve in communicating biotechnology. Where does one start?
- How to influence policy on Biotechnology issues

Other Comments

- The training was useful especially for Zambia case as our regulatory framework is still to be finalized
- Encourage more group discussions
- Continual support /building capacity of organization like BOSZ so that biotechnology takes root in Africa
- Academic institutions should address the biotechnology issue to encourage students to communicate science

This type of workshop should be held once a year, suggested by the majority of participants, so that the SADC countries should be updated on the status of biotechnology in their regions.

Workshop evaluation review

The quality of resource materials provided, and the resource persons, the presentations/ talks, the venue and registration were all assessed as being excellent. The program met the needs for information transfer that participants required. However, the participants requested more discussion time. Due to budgetary constraints there were limited resources to increase the time allocation for discussion as the entire program needed to be completed within two days. The program should have been carried out, as originally requested in the proposal, over a three day period to allow sufficient discussion time.



SADC Communicators Workshop
5&6 August 2004

No	Surname	Name	Organization	Position	Country	Contact	Address
1.	Abacassamo	Hafido	Micoa		Mozambique	Tel: 09258466059 Fax: 09258466089 Cell: 0925882320924 e-mail: hadifo.abacassamo@micoa.gov.mz	Physical Ad: Av Acord de Lusaka 2118 Postal Ad: C.P Zozo Maputo Mozambique
2.	Akanbi	Remi	AfricaBio	Website & Info. Manager	South Africa	Tel: +2712 667 2689 Fax: +2712 667 1920 e-mail: remi@afribio.com	Physical Ad: 15 Stopford Road, Irene, 0062 Postal Ad: P.O Box 873 Irene 0062
3.	Baker	Alison	University of Witwatersrand	MSc Student	South Africa	Tel: +2711 706 1572 Cell: +2782 9074218 e-mail: alisonsaxebaker@yahoo.com	Physical Ad: 94 Wilton Ave, Bryanston Postal Ad: P.O Box 1608

							Parkandsa 2121
4.	Bartolomeu	Mariano	Ulundu filmes	Director/ producer	Angola	Tel: +2442338875 Fax: +24491527416 e-mail: mariano_bartolomeu@yahoo.com/ bartolomeu@ilundufilmes.com	Physical Ad: Rua Yoaquin Kapango no6A Aidar Apt 16 Luanda Angola Postal Ad: CX. Postal 5022 Luanda Angola
5.	Benson	Andy	International Relations International Food Information Council	Senior Director	USA	Tel: 202 296 6540 Fax: 202 296 6547 e-mail: benson@ific.org	Physical ad: 1100 Connecticut Avenue, N.W., Suite 430 Washington, DC 20036 USA
6.	Briddel	Adam	US Grains Council		USA	Tel: +202 (789) 0789 Fax: + 202 326 0678 e-mail: abriddell@grains.org	
7.	Briddel	Adam	US Grains Council		USA		
8.	Canga	Afonso Pedro	IDA Institute for agriculture development	Director General	Angola	Tel: 002442323651 Fax: 002442323651 Cell: 0024492302563 e-mail:	Physical Ad: Rua Conte Gika, Edificio do Miniciero

						ida.canga@netangola.com	da Agriculture Postal Ad: CX Postal 2109 Luanda Angola
9.	César	Joaquim	Director do Instituto de Investigação Agronómica -	Director	Angola	Tel: 00244233418 e-mail: iia@hotmail.com or iia@ebonet.net	CP 2104 Avenida Deolinda Rodrigues, KM 5 Luanda Angola
10.	Chibuye	Valerie	BOSZ	Office Manager	Zambia	Tel: 260 1 293364 Fax: 260 1 293364 Cell: 260 95 914586 e-mail: bosz@zamnet.zm /vchibuye@yahoo.co.uk	Physical Ad: Room 511 biology Building, University of Zambia, Great East Road Campus Postal Ad: P.O Box RW50232, Ridgeway, Lusaka
11.	Chichicuhua	Antonio	Instituto de investigacao; Agronomica	ENG Agronomist	Angola	Cell: 244292622612 e-mail: tonychichicuhua@yahoo.com.bk	Physical Ad: Rep. de Angola Instituto de

							Investigação Agronomica Rua Deolinda Rodrigues, km 5 C.postal 2104 Luanda - Angola
12.	Crook	Beverley			South Africa	Tel: 0117281443 Cell: 0723457520 e-mail: bev44@hotmail.com	
13.	Durham	Ben	DST		South Africa	Tel: 012 317 4319 Fax: 012 317 4645 Cell: 083 6534422 e-mail: ben.durham@dst.gov.za	Physical Ad: 188 Schoeman Street, Pretoria 0001 Postal Ad: Private bag X894, Pretoria, 0001
14.	Fali	Azola	University of Witwatersrand	Post graduate student	South Africa	Cell: 083 7695776 e-mal: azolafali@yahoo.com	Physical Ad: 13 Graig Center 358 Jan smut Aven Graichall park Johannesburg 2196
15.	Geingos	Immolatri	Ministry of	Acting	Namibia	Tel: +264 61-270 6151	Physical Ad:

		x Linda	Higher Education, Training and Employment Creation.	deputy director		Fax: +264 61-270 6143 Cell: +264811229021 e-mail: igeingos@mhevtst.gov.na	Luther street, government office Park Postal Ad: Private bag 13391, Windhoek, Namibia
16.	Haakuria	Vetja	Wits University	Post graduate student	South Africa Namibia	Tel: 011 5360739 Cell: 0726063740 e-mail: vhaakuria@yahoo.co.uk	Physical Ad: 1 Jan Smuts Ave. B20 West Campus village Postal Ad: P/bag 3 Wits 2050 Univ. of the Witwatersrand
17.	Heimann	Trish	Mega Tech	Project Coordinator	South Africa	Tel: +27124520065 Fax: +27124520070 Cell: +27837794855 e-mail: pheimann@intekom.co.za	Physical Ad: Bank Forum Building. Lobby1, floor2 337 Veale street New Muckleneuk Pretoria 0181
18.	Hillowitz	Les	CropLife		South	Tel: +27116468682	Physical Ad: 75

			Africa Middle East		Africa	Fax: +27116468682 Cell: +27833052700 e-mail: les.hillowitz@icon.co.za	Galway Road Parkview 2193 Postal Ad: P.O Box 72127 Parkview 2122
19.	Júlio	Cláudio Chalule	Director Nacional de Agricultura, Pecuária e Florestas	Director	Angola	Tel: 092603222 Fax: 092603222 Cell: 09260321429 e-mail: claudiochalule@yahoo.com.bn	Physical Ad:
20.	Kakunta	Chris	BOSZ	Info. & Publicity secretary	Zambia	Tel: +260 1 253 252 Fax: +260 1 250 010 Cell: +267 7154 2364 E-mail: chriskakunta@journalist.com	Physical Ad: 34-D2-13, Kabwata Estates, Lusaka-Zambia Postal Ad: Box 50232, Lusaka, Zambia
21.	Kamanga	Daniel	A Harvest		South Africa	Tel: 011 605-2975 Fax: 011 605-2188 e-mail: dkamanga@yahoo.com	
22.	Kambikambi	Tamala Tonga	BOSZ and Zambia school of Agricultural Science	Secretary and Agronomist	Zambia	Tel: 260 1 295655 Fax: 260 1 295655 Cell: 260 96 437532 e-mail: kambikambi01@yahoo.com	Physical Ad: Great East Road, University of Zambia Crop science dept.

							new Building Postal Ad: P.O Box 32379, Lusaka, Zambia
23.	Kandawa-Schulz	Martha	Namibial Biotechnology Alliance (NABA)	Chairperson	Namibia	Tel: 09264612063635 Fax: 09264612063791 Cell: 09264812460023 e-mail: kschulz@unami.nz	Physical Ad: university of Namibia mandume Ndemufayo Avenue Postal Ad: private Bag 13301 windhoek Namibia
24.	Keetch	Dr. Dave	AfricaBio	President	South Africa	Tel: 012 667 2689 Fax: 011 667 1920 e-mail: goldamer@mweb.co.za	Physical Ad: 15 Stopford Road, Irene, 0062 Postal Ad: P.O Box 873 Irene 0062
25.	Khoza	Sabina	NAFU (National African Farmers Union)	Secretary General	South Africa	Tel: 011 851 1059 Fax: 011 851 1027 Cell: 082 572 3278 e-mail: binafairdeal@worldonline.co.za	Physical Ad: Plot 181 Watermeyer street Suurbekom

							Postal Ad: P.O. Box 5020 Suurbekom 1787
26.	Kutsaira	Hon. Bintony			Malawi	Tel: Fax: Cell: e-mail:	
27.	Lefakane	Dinah			South Africa		
28.	Lombard	Hans	Hans Lombard PR		South Africa	Tel: +27114766926 Fax: +27114766126 Cell: +27833601856 E-mail: hanspro@iafrica.com	Postal Ad: P.O. Box 2799 Cresta 2118
29.	Mabuza	Phumzile	University of Swaziland	Lecture	Swaziland	Tel: 092685184011 Fax: 02685185276 Cell: 092686121834 E-mail: phum1613@uniswacc.uniswa.sz	Postal Ad: Dept. of Biological sciences UNISWA, Kwaluseni campus, Swaziland Postal Ad: P/Bag 4 Kwaluseni, Swaziland
30.	Mahlangu	Penelope	AfricaBio	Project	South	Tel: 012 667 2689	Physical Ad: 15

				Assistant	Africa	Fax: 012 667 1920 e-mail: penelope@africabio.com	Stopford Road, Irene, 0062 Postal Ad: P.O Box 873 Irene 0062
31.	Mahloane	DR. Gerard	Dept of Livestock services	Director of Theriogenolo gy (animal production)	Lesotho	Tel: 09 26622317284 Fax: 09 26622311500 Cell: 09 26663014101-100 E-mail: mahloane@livestock.org.ls	Physical Ad: N.T.T.C Town House No. 8, Maseru Postal Ad: P/Bag A82, Maseru 100, Lesotho
32.	Makinde	Prof. Diran	University of Venda		South Africa		
33.	Makinta	Lenah	AfricaBio			Cell: +27 72 5653737	
34.	Mandivenyi	Wadzi	AfricaBio	Project Manager	South Africa	Tel: 012 667 2689 Fax: 012 667 1920 e-mail: wadzi@africabio.com	Physical Ad: 15 Stopford Road, Irene, 0062 Postal Ad: P.O Box 873 Irene 0062
35.	Massue	Marion	SABC	Journalist	South Africa	Tel: 011 714 2627 Cell: 072 1476387 e-mail: mausse@sacb.co.za	Physical Ad: HenleyWeg Auckland Park Johannesburg

36.	Maveneka	Leonard	FARNPAN	Consultant	Zimbabwe	Tel: 092637923408/9-092634481661 Fax: 09263792408/9 Cell: 0926391233988 e-mail:	Physical Ad: 11 Sable SM Mandara, Harare Zimbabwe
37.	Mavimbela	Similo	Ministry of Agriculture & Co-operatives Agricultural research division	Research Officer(Plant pathology)	Swaziland	Tel: 092685283017 Fax: 092685283360 Cell: 092686050780 e-mail: mrs@realnet.co.sz	Physical Ad: Malkerns Research station, malkerns Bhunya road Postal Ad: Malkerns research station, P.O Box 4 Malkerns, Swaziland
38.	Mavuso	Nelson Siphoh	Seed Quality Control Services, Min. of agriculture & cooperatives	Acting agriculture officer/ assistant seed technologist	Swaziland	Tel: 268 5283178 Cell: 268 6117338 e-mail: sqcs@realnet.co.sz	Physical Ad: Seed quality control services, Malkerns research station, Swaziland Postal Ad: P.O Box 4

							Malkerns. Swaziland
39.	Miller	Vic	US Grains council		USA	Tel: +319 (283) 5249 e-mail: vimar@trxinc.com	
40.	Mkoko	Boniface	Biotechnology- Ecology research and outreach consortium	Outreach manager	Malawi	Tel: 0926501755152 Fax: 0926501525636 Cell: 0926508830504 e-mail: bioeroc@sanp.org.mv	Postal Ad: P.O Box 30789, Lilongwe, Malawi
41.	Mocambique	Pedro	Centro Nacional De Recursos Fitogeneticos	Curator	Angola	Tel: 092442325673 Cell: 092128865 e-mail: pedmocamb@hotmail.com	Physical Ad: avenida Rev. dutubro edificio CNIC. 10212, Luanda Angola
42.	Molise	Motebang	Biosafety Lesotho		Lesotho	Tel: 266 2231 3536 Fax: 266 2231 0074 Cell: 266 6304 2898 e-mail: nbflesotho@leo.co.ls	Physical Ad: 6 th Floor Mopodo House Maseru, Lesotho Postal Ad: P.O Box 10993, Maseru 100 Lesotho
43.	Mporokoso	Wendy Chisanga	Radio Phoenix		Zambia	Tel: 2601 226652 Fax: 2601 226839 e-mail: wmporokoso@yahoo.com	Physical Ad: 1286 Palm drive chelstone, Lusaka Zambia

							Postal Ad: P/Bag E702, Lusaka, Zambia
44.	Msowoya	Wezi	Biotechnology and Ecology Research Consortium	Research Associate	Malawi	Tel: 092651525636 Fax: 092651525636 Cell: 092658877453 e-mail: wezi_msowoya@yahoo.co.uk	Postal Ad: P.O Box 403 Zomba Lilongwe Malawi
45.	Mussane	Guilhermi na	INIA		Mozambiq ue	Tel: 0925882799507/960130 Cell: 0925882799587 e-mail: gmussane@yahoo.com.bn	Physical Ad: C.P Avenue. Dez FPLM 2698, Maputo, Mozambique
46.	Muya	Mahenge	SUBA Agro Ltd	Managing Director	Tanzania	Tel: 09255272548541/2507020 Cell: 09255744278408 Fax: 092550272548541 e-mail: satec2000tz@yahoo.com	Physical Ad: Makua Street; Plot no.36 Arusha municipal Tanzania Postal Ad: P.O Box 14702 Arusha Tanzania
47.	Muzungaile	Elizabeth			Zambia	Tel: 092601281745 Cell: 0926095884992 e-mail: faraim@zamtel.zm	Postal Ad: P.O Box 310321 Chelston

							Zambia
48.	Mwaja	Prof. Vasy	Bayer East Africa Limited	Marketing manager	Tanzania	Tel: 09254-20-861119 / 860667-74 Cell: 09254 722 232 858 / 733 622 590 Fax: 09254 - 20 - 861 636 e-mail: vmwaja@bayerea.com	Physical Ad: c/o Bayer East Africa Ltd, P. O. Box 30321,NAIROBI Postal Ad: P. O. Box 0451,Arusha, Tanzania Bytrade Tanzania Ltd
49.	Mwale	George	BioEROC		Malawi	Tel: 265 1 524545 Fax: 265 1 525636 Cell: 265 8 364 584 e-mail: gmwale@chanco.unima.mw	Physical Ad: Mulunguzi Sueburb, Zomba, Malawi Postal Ad: P.O Box 403, Zomba, Malawi
50.	Mwaya	William	ATS agrochemicals limited		Zambia	Tel: +260 1 246724-6 e-mail: ats@sddzam.co.zm	Physical Ad: Plot 3143 Mukwa Road Lusaka Zambia Postal Ad: P.O

							.Box 38296 Lusaka Zambia
51.	Nell	Leigh	LSB				Tel: +27 12 998 6320 Cell: +27 82 3331797
52.	Nompozolo	Sivelile	University of Fort Hare		South Africa		Tel: 040 6022127 Fax: 040 6531730 Cell: 0826427689 e-mail: snompozolo@ufh.ac.za Physical Ad: University of Fort Hare, Faculty of Agriculture & environmental sciences, P/Bag X1314, Alice, 5700
53.	Ngqaka	Andiswa	AfricaBio	Community Liaison Officer	South Africa		Tel: 012 667 2689 Fax: 012 667 1920 e-mail: andiswa@africabio.com Physical Ad: 15 Stopford Road, Irene, 0062 Postal Ad: P.O Box 873 Irene 0062
54.	Osman	Rozida	University of Witwatersrand	MSc Student	South Africa		Tel: 011 7061572 Cell: 083 6737696 Fax: 0113276743 e-mail: khathija@hotmail.com Physical Ad: 251 United Nations Road Maseru lesotho Postal Ad: P.O box 516 Ladybrand 9745 free State

55.	Pereira	Miguel	Institute for Agraria development	Caefe Departamento	Angola	Tel: 09244021446 Fax: 092442323651 Cell: 092357535 e-mail: mpereira@idaminader.com	Physical Ad: Instituto de Desenvolvemento agrario-Luanda-Angola exp-2109
56.	Ploehn	Jerry	US Grains council		USA		
57.	Ramatekoa	Leon	National environment secretariat	Environment officer (Pollution Control)	Lesotho	Tel: 0926622311767 Fax: 0926622311139 Cell: 0926658841177 e-mail: 1ramatekoa@yahoo.co.uk	Postal Ad: P.O Box 10993, Maseru 0100 Lesotho
58.	Rhodes	George	Ministry of agriculture, water & rural development	CAET	Namibia	Tel: +264612087464 Fax: +264612087778 Cell: +264811288275 E-mail: rhodesg@mawrd.gov.na	Postal Ad: Private Bag 13184 Windhoek Republic Namibia
59.	Saifodine	Nurbibi			Mozambique	Tel: Fax: Cell: e-mail:	Physical Ad: Postal ad:
60.	Schemmer	Doug	US Grains council		USA		
61.	Shultz	Kurt	US Grains council	Director-Mediterranean	USA	Tel: 216 71 849 622 /848 054 Fax: 216 71 847 165	

				and Africa		Cell: 216 22 64 77 99 e-mail: kshultz@grains.org	
62.	Sithole-Niang	Dr. Idah	PBS(Programme for Biosafety Systems) and university of Zimbabwe		Zimbabwe	Tel: 092634308047/ 092634303211 Ext 1421 Fax: 0923412801 Cell: 092634333678 e-mail: ins@mweb.co.za isniangzw@yahoo.com	Physical Ad: 165 Biochemistry Building, University of Zimbabwe, Pomp 167, int. Pleasant, Harare Zimbabwe
60	Sonnekus	Dries	Hans Lombard PR		South Africa	Tel: +27126615907 Fax: +27126610150 E-mail: sontaal@mweb.co.za	Postal Ad: P.O Box 2349 Rooihuiskraal 0154
63.	Tandwe	Twalibu	University of Malawi chancellor college	Biology laboratory technician	Malawi	Tel: 092651524222 Cell: 092658370945 e-mail: ttandwe@yahoo.vo.uk	Postal Ad: P.O Box 2801, Zomba Malawi
64.	Thomson	Prof. Jennifer	University of cape Town		South Africa	Tel: 021 650-3256 Fax 021 689 7573 e-mail: jat@science.uct.ac.za	

65.	Van der Walt	Dr. Wynand	AfricaBio		South Africa	Tel: 012 667 2689 Fax: 012 667 1920 e-mail: wynandjvdw@telkomsa.net	Physical Ad: 15 Stopford Road, Irene, 0062 Postal Ad: P.O. Box 873 Irene 0062
66.	Warren	Duncan	NASFAM (national smallholder association of Malawi)	Chief Operations officer	Malawi	Tel: +2651772866 Fax: +2651770858 Cell: +2658896523 e-mail: dwarren@nasfam.org	Physical Ad: 1st floor, St martins house, off independence drive, city center Lilongwe Malawi Postal Ad: NASFAM P.O. Box 30716 Lilongwe Malawi
67.	Webster	Prof. Jocelyn	AfricaBio	Executive Director	South Africa	Tel: 012 667 2689 Fax: 012 667 1920 e-mail: Jocelyn@africabio.com	Physical Ad: 15 Stopford Road, Irene, 0062 Postal Ad: P.O. Box 873 Irene 0062

68.	White	Jere	US Grains council		USA		
69.	Willemse	Dr. Gert	Dept. of Environmental Affairs		South Africa	Tel: 0123103836 Fax: 0123207026 E-mail: gwillemse@ozone.pwv.gov.za	Physical Ad: Postal Ad:
70.	Yao	Bama	CropLife Africa middle east	WCA HUB Coordinator	Cote D'ivoire	Tel: 225 224 150 10 Fax: 225 224 150 28 Cell: 225 070 227 47 e-mail: bama-croplife@aviso.ci	Physical Ad: Rue des Jardins, residence pa lmeraie vila 12 cocody 11 plateaux Postal Ad: 28 BP 437 Abidjan 28, Cote D'ivoire
71.	Zacharias da Silva	Anabella			Mozambique	Tel: 0925882701445 e-mail: zacarias@intra.co.mz	Physical Ad:
72.	Zwane	Winnie	AfricaBio	Financial Assistant	South Africa	Tel: 012 667 2689 Fax: 012 667 1920 e-mail: winnie@africabio.com	Physical Ad: 15 Stopford Road, Irene, 0062 Postal Ad: P.O Box 873 Irene 0062

RECORD OF INTERACTIONS WITH KEY DECISION MAKERS AND SATKEHOLDERS IN THE REGION

Task 2 Milestone 3

Month	Event	Date	Persons involved
January	Lesotho meeting	14-15/01/04	Mrs. Muffy Koch Prof. Jocelyn Webster
	Meeting with Sibola, ag research/NEPAD contact person in Dept Agric, on ag and biotech under NEPAD		Dr. van der Walt
	GM crop seminar at AFGRI, Bethal,	29/01/04	
	Meetings with FAO - Laurie Keetch		
February	COSATU Outreach	20/02/04 Ongoing	Hans Lombard Prof. Diran Makinde Dr. van der Walt Dr. Dave Keetch Prof. Jocelyn Webster Mrs. Sabina Khoza
	Meetings with FAO - Laurie Keetch PBS Meeting		
March	FAO Regional Meeting for Africa Clive James Seminar		Dr. van der Walt
April	FARNPAN Meeting		
May	Stakeholders outreach with WITS students	26/05/04	Prof. Jocelyn Webster
June	Malawi trip Churches Conference	7-11/06/04	Prof. Jocelyn Webster Dr. Dave Keetch

	Zambian communicators workshop	17-18/06/04	Dr. van der Walt Remi Akanbi
July	Midrand Campus stakeholders meeting		Prof. Jocelyn Webster
	Dr John Mugabe of NEPAD Biotechnology	07/07/04	Remi Akanbi Wadzi Mandivenyi Prof. Jocelyn Webster
August	Angolan delegation visit	3-6/08/04	Prof. Jocelyn Webster Dr. Dave Keetch
	Lesotho delegation visit	18/08/04	Remi Akanbi Wadzi Mandivenyi Dr. van der Walt
September			
October	Traditional Leaders conference		Prof Makinde Prof Webster Remi Akanbi Wadzi Mandivenyi
November	Food Aid Workshop	18/11/04	Prof. Jocelyn Webster Dr. Dave Keetch Remi Akanbi Wadzi Mandivenyi Dr. van der Walt
	Meeting with Prof Ambali - NEPAD		Prof. Jocelyn Webster Wadzi Mandivenyi
December			

Appendix B

ANALYSIS OF ANTI-BIOTECH ORGANISATIONS

NAME OF ORGANISATION	BACKGROUND	PHILOSOPHY/APPROACH	SOURCES OF FUNDING	CONTACT DETAILS
ORGANISATIONS ACTIVE IN SOUTH AFRICA AND THE REGION				
Biowatch		<p>National NGO dedicated to publicizing, monitoring and researching issues of biological diversity, genetic engineering and sustainable livelihoods. Their work includes:</p> <ul style="list-style-type: none"> ▪ researching and monitoring the commercialisation of biological resources ▪ promoting sustainable livelihoods, sustainable agriculture and food security ▪ monitoring the impacts of genetically modified organisms (GMOs) in South Africa ▪ offering expertise and building capacity for the understanding and debate of these issues ▪ building public awareness on biodiversity issues as a basis for informed participation in policy making. 	<p>Stitching Both Ends, Netherlands www.bothends.org</p> <p>The Gaia Foundation www.foundation-gaia.org</p> <p>Comic Relief www.comicrelief.co.uk/</p> <p>Interfund www.interfund.org.za/</p> <p>Third World Network www.twinside.org.sg/</p> <p>GTZ German Technical Cooperation www.gtz.co.za/</p>	<p>www.biowatch.org.za 2nd Floor Community House 41 Salt River Road Salt River CAPE TOWN 7925 P O Box 13477 Mowbray CAPE TOWN 7705 Ph: +27 (0)21 447-5939 Fax: +27 (0)21 447-5974 Email: biowatch@mweb.co.za</p>
South African Freeze	A coalition of scientific,	Committed to ensuring a FIVE YEAR		www.safeage.org

Alliance on Genetic Engineering	religious, environmental and social groups, as well as NGOs, trade unions and political interest groups Some of the supporters include the Green Party of South Africa, the Natural Law Party, Biowatch, and Organic Agriculture Association of South Africa.	FREEZE is imposed on genetic engineering in food and farming to ensure sufficient assessment and understanding is gained for all the implications it may have for consumers, farmers and the environment		2nd floor Community House Salt River Road Salt River Cape Town South Africa Tel. +27 (0)21 447 8445 Fax +27 (0)21 447 5974 e-mail: safeage@mweb.co.za
Organic Agriculture Association South Africa				011 795 2468 organicworld@mweb.co.za
SEATINI		SEATINI is an African initiative to strengthen Africa's capacity to take a more effective part in the emerging global system and to better manage the process of Globalization. It became an institute through the resolution of the Board of Trustees at their meeting on the 4 th of August, which was held in Harare, Zimbabwe.		www.seatini.org 20 Victoria Drive, Newlands, Harare, Zimbabwe Tel: +263 4 776418 Fax: +263 - 788078 Email: seatini.zw@undp.org
Earthlife Africa	Branches in Pretoria, Johannesburg, Cape Town, Pietermaritzburg, East London, Durban, Namibia			www.earthlife.org.za 011 403 6056 activist1@earthlife.org.za P.O. Box 11383 Johannesburg 2000 s Heron (011) 9514803 (w)

				lafras@earthlife.org.za Richard Worthington (011) 339 3662 w (011) 339 3270 f richardw@earthlife.org.za Greenhouse Project: (011) 403-6056 ghouse@earthlife.org.za
Greenpeace	Launched in 1971. Greenpeace is a non-profit organization with a presence in 40 countries across Europe, the America, Asia and the Pacific. 2.8 million supporters worldwide	Mission statement: Greenpeace is an independent, campaigning organization that uses non-violent, creative confrontation to expose global environmental problems, and force solutions for a green and peaceful future. Greenpeace's goal is to ensure the ability of the earth to nurture life in all its diversity. Green peace organizes public campaigns for a number of causes which include the prevention of genetically modified organisms being released in nature	Various philanthropic foundations including: Rockefeller Brothers Fund	www.greenpeace.org Greenpeace International Keizersgracht 176 1016 DW Amsterdam, The Netherlands Tel: +31 20 523 62 22 Fax: +31 20 523 62 00 email: supporter.services@ams.greenpeace.org Phone: +31 20 523 62 22
Friends of the Earth International	Founded in 1971 by 4 organizations from France, Sweden, England and USA. Currently 66	A federation of autonomous environmental organizations from all over the world. Members, in 66 countries, campaign on the most urgent environmental and social issues of our day, while simultaneously catalyzing a		www.foei.org Secretariat PO Box 19199, 1000 gd Amsterdam, the Netherlands

	Based in the Netherlands	shift toward sustainable societies.		tel: 31 20 622 1369. fax: 31 20 639 2181. e-mail: foei@foei.org
Third World Network	The TWN's international secretariat is based in Penang, Malaysia. It has offices in Delhi, India; Montevideo, Uruguay (for South America); Geneva; London and Accra, Ghana. Has affiliated organizations in India, the Philippines, Thailand, Brazil, Bangladesh, Malaysia, Peru, Ethiopia, Uruguay, Mexico, Ghana, South Africa and Senegal.	International network of organizations and individuals involved in issues relating to development, the Third World and North- South issues. Its objectives are to conduct research on economic, social and environmental issues pertaining to the South;		www.twinside.org.sg 228 Macalister Road, 10400 Penang, Malaysia. Tel: 60-4- 2266728 / 2266159 Fax: 60-4-2264505 E-mail: twn@igc.apc.org , twnet@po.jaring.my
Friends of the Earth-South Africa Operates under the name groundwork		groundWork is a non-profit, environmental justice NGO working in Southern Africa. Their vision is to see communities affected by industrial pollution better able to defend and promote their environmental rights at local, national and international level. At present have no projects in biotech.		191c Burger Street, Pietermaritzburg, 3200, South Africa P.O. Box 2375, Pietermaritzburg, 3200, South Africa Tel: 27 33 342 5662 fax: 27 33 342 5665 email:

				team@groundwork.org.za
Participatory Ecological Land-Use Association (PELUM)	<p>Civil society organizations working with local communities in Botswana, Zimbabwe, Kenya, Tanzania, Lesotho, Malawi, Zambia, South Africa, and Uganda</p> <p>Formed between 1991 and 1995</p>	<p>Vision “ to see communities in east and southern Africa self organized to make choices towards a quality of life that is socially, economically and ecologically sustainable” The group encourages the use of natural farming methods. The group was also responsible for organizing the farmers’ convergence during the WSSD.</p>	<p>Africa Japan Forum Brot Fur Die Welt (Bread for the World) Both Ends</p> <p>FAO-Links (Gender programme)</p> <p>Ford Foundation Fonds voor Ontwikkelingssamenwerking - Socialistische Solidariteit (FOS) is a Belgian NGO with its roots in the Flemish Community. Fredrick Ebert Foundation German Appropriate Technology Exchange (GATE) GTZ The Henry Doubleday Research Association (HDRA) is Europe's largest organic membership organization</p> <p>The human Institute for Cooperation with Developing Countries (HIVOS) from the Netherlands</p> <p>Interfund JVC MISEREOR was founded in 1958 as an agency to "fight hunger and disease in the world." In its capacity as the overseas</p>	<p>www.pelum.org The Secretary General PELUM Association P.O. Box 1059 Mount Pleasant Harare, Zimbabwe</p> <p>Tel: 263-4-744509/744117 Fax: 263-4-744470 E-mail: pelum@ecoweb.co.zw, pelum@zamnet.zm</p>

			development agency of the Catholic Church in Germany, MS - Zimbabwe - Danish NGO NOVIB - Dutch NGO The Rockefeller Foundation Terre des homes- Germany VECO ZIMBABWE FAKT - Germany FIND YOUR FEET - UK	
Sierra Club	America's most influential environmental organization. Founded in 1892, we are now more than 700,000 members strong.		REI The Brunckhorst Foundation	www.sierraclub.org Sierra Club 85 Second St., Second Floor San Francisco, CA 94105-3441, USA Tel: 1 415-977-5500 information@sierraclub.org
Research Foundation for Science, Technology and Ecology	Founded in India in 1982 by Dr. Vandana Shiva.	It works on biodiversity conservation and protecting people's rights from threats to their livelihoods and environment by centralized systems of monoculture in forestry, agriculture and fisheries.		www.vshiva.net/ A 60, Hauz Khas, New Delhi India 110016 Ph +91-11-6968077 and 6853772 Fax: +91-11-6856795 Email : rfste@ndf.vsnl.net.in
Pesticide Action	Established in Dakar	PAN Africa involves volunteers,	Netherlands Organisation for	www.pan-africa.sn/

Network Africa	(Senegal) in May 1996.	NGOs, farmers' organizations, institutes, universities and individuals who support the adoption of sound ecological practices in place of dangerous chemical pesticide use all around the world.	<p>International Development Cooperation (NOVIB), The Netherlands;</p> <p>Biodiversity Fund managed by NOVIB and Netherlands Humanistisch Institute Voor Ontwikkelingssamenwerking (HIVOS), The Netherlands;</p> <ul style="list-style-type: none"> - Rockefeller Foundation, USA; - Global Greengrants Fund (GGF), USA; - Department for International Development (DFID), England; - Comic Relief, England; - Rausing Fund, England. 	<p>B.P. 15938 Dakar-Sénégal Tél.: (221) 825.49.14 Fax : (221) 825.14.43 Email : panafrica@panafrica.sn</p>
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ORGANISATIONS ACTIVE IN NORTH AMERICA

Mothers for Natural Law	<p>Founded in June 1996</p> <p>Based in Iowa, USA</p>	Agenda originally embraced everything from the environment to crime, education, health and the economy. Genetic engineering only focus for the first four years.	<p>mothers@m4nl.org</p> <p>www.safe-food.org</p> <p>www.m4nl.org</p> <p>P.O. Box 1177 • Fairfield, Iowa 52556 • Phone 641-472-2499 • Fax 641-472-2683</p>
COGEAN Colorado Genetic Engineering Coalition	Coalition of organizations in the state of Colorado working on the issue of genetically modified		<p>www.foodlabeling.org</p> <p>1140 US Hwy 287 Suite 400-125 Broomfield, CO 80020</p>

	<p>organisms. Currently the coalition of organizations include:</p> <ul style="list-style-type: none"> • The Natural Law Party of Colorado • The Rocky Mountain Peace and Justice Center • The Colorado Pesticide Network, and • The Colorado Green Party 			<p>303-215-3384/877-454-6034 info@foodlabeling.org</p>
<p>Alliance for Bio-Integrity</p>	<p><i>Alliance for Bio-Integrity</i> is a nonprofit, nonpolitical organization dedicated to the advancement of human and environmental health through sustainable and safe technologies. Based in IOWA, USA</p>	<p>Preserving the safety of our food , the health of our environment, and the harmony of our relationship with nature. Supported by John Fagan</p> <p>The Alliance's initial project is to gain a more rational and prudent policy on genetically engineered foods. This entails (a) educating the public about the unprecedented dangers to the environment and human health posed by the massive enterprise to genetically reprogram the world's food supply; (b) securing a scientifically sound system for safety-testing genetically altered</p>	<p>Pacific Bakery: -- A fourteen year old family owned and operated organic food business Jewish Community Endowment Fund, San Francisco</p>	<p>info@biointegrity.org www.biointegrity.org 406 W. Depot Ave., Fairfield, Iowa 52556 Tel: (641) 472-5554</p>

		foods; and (c) securing a meaningful system of labeling in order to protect the right of consumers to avoid such foods.		
Centre for Food Safety	Based in Washington D.C Established in 1998	Public interest and environmental advocacy organization that works to address the impacts of food production systems. Amongst their 5 major goals are: ensuring the testing, labeling and regulation of genetically engineered foods and preserving strict national organic food standards	Donations from interest groups	www.centerforfoodsafety.org Bldg. 1062, Fort Cronkhite, Sausalito, CA 94965 PH: (202)547-9359 Fax: (202)547-9429 Email: office@centerforfoodsafety.org
GE Alert	Canadian Organisation	Independent group of scientists, academics, and agricultural professionals committed to informing Canadians about the implications of agricultural genetic engineering		www.canadians.org/ge-alert/ge-alert.html nadam@canadians.org
The Organic Consumers Association (OCA)	OCA was founded by anti-technology zealot Jeremy Rifkin and originally bore the name "Pure Food Campaign."	Another charter member of the organic-food-industry-funded smear campaign against genetically improved foods. Vandana Shiva is one of the board members International Center for Technology Assessment and Aveda "natural" hair-care mogul Horst Rechelbacher		www.organicconsumers.org 6101 Cliff Estate Rd, Little Marais, MN 55614, E-mail: Staff Activist or Media Inquiries: (218) 226-4164, Fax: (218) 226-4157

EUROPE BASED ORGANISATIONS

<p>Women Say NO to GMOs</p>	<p>Grassroots movement launched in September 1999 by Joan Ruddock MP and Lynda Brown Supported by Paul McCartney</p>	<p>Slogan “ We have nothing to lose and everything to gain by being cautious about GM”</p> <p>WOMEN SAY NO TO GMOs urges caution by making a stand against the hasty introduction of all foods and other products containing GMOs, including animal feeds, trees, cotton and other plants, nutritional supplements and cosmetics.</p>		<p>www.gmno.org info@gmno.org</p>
<p>Friends of the Earth</p>	<p>Established in 1971 UK Based environmental pressure group</p>	<ul style="list-style-type: none"> ❖ The largest international network of environmental groups in the world, represented in 68 countries. ❖ One of the leading environmental pressure groups in the UK. ❖ A unique network of campaigning local groups, working in 250 communities in England, Wales and Northern Ireland. 	<p>Over 90 per cent of income comes from individual donations, the rest from special fundraising events, grants and trading.</p>	<p>www.foe.co.uk 26-28 Underwood Street LONDON N1 7JQ UK +44 (0)20 7490 0881</p>
<p>GRAIN Genetic Resources Action International</p>	<p>GRAIN was established in 1990 and is registered in Spain (Barcelona) as an international, non-profit foundation. A</p>	<p>An international non-governmental organisation which promotes the sustainable management and use of agricultural biodiversity based on people's control over genetic resources</p>		<p>Jeanne Zoundjihékpou - (GRAIN) 06 BP 2083 - Cotonou - BENIN, Tel: 229 33 79 50, Fax: 229 33 79 15, Click here to email .</p>

	wholly autonomous organisation, GRAIN is financed by grants from NGOs, governments and intergovernmental organisations.	and local knowledge.		<p>(Language: French)</p> <p>Robert Ali Brac de la Perrière – (BEDE) in Kayes, Mali: Tel/Fax GRDR: 223 252 29 82 (Languages: French or English)</p> <p>Mariam Mayet – (Head of African Centre for Biosafety, 13 The Braids Road, Emmarentia, 2195, South Africa) Tel: 27 11 646 0699 (Language: English)</p> <p>Devlin Kuyek – (GRAIN) Tel: +1 514 270 10 83, E-mail: Click here to email (Languages: English or French)</p> <p>www.grain.org</p>
GM Watch	developed out of the Norfolk Genetic Information Network (NGIN - pronounced 'engine') - a news and research service founded in Norfolk, UK in the spring of 1998. NGIN's mission was to report on the growing concerns about genetic engineering, also known as genetic	❖	JMG Foundation Greenpeace UK	<p>c/o 26 Pottergate, Norwich, UK, NR2 1DX,</p> <p>tel: +44 (0)1603 624021 (ask for Jonathan Matthews)</p> <p>e-mail: ngin@gmwatch.org</p>

	<p>modification, and about the rapid release of genetically modified (GM) foods and crops into the environment and into our food chain in the absence of either a social or scientific consensus on their safety.</p>			
<p>ETC group, formerly RAFI - the Rural Advancement Foundation International - encourages wide dissemination of our publications by any means</p>	<p>ETC Group is dedicated to the conservation and sustainable advancement of cultural and ecological diversity and human rights. To this end, ETC Group supports socially responsible developments in technologies useful to the poor and marginalized and it addresses governance issues affecting the international community. We also monitor the ownership and control of technologies, and the consolidation of corporate power.</p>	<p>❖ ETC group works in partnership with civil society organizations (CSOs) for co-operative and sustainable self-reliance within disadvantaged societies, by providing information and analysis of socio-economic and technological trends and alternatives. This work requires joint actions in community, regional, and global fora</p>		<p>478 River Avenue, Suite 200, Winnipeg, MB R3L 0C8 Canada Tel: (204) 453-5259, Fax: (204) 284-7871 http://www.etcgroup.org</p>

<p>Union of Concerned Scientists</p>	<p>UCS is an independent nonprofit alliance of more than 100,000 concerned citizens and scientists. We augment rigorous scientific analysis with innovative thinking and committed citizen advocacy to build a cleaner, healthier environment and a safer world</p>	<p>❖ UCS was founded in 1969 by faculty members and students at the Massachusetts Institute of Technology who were concerned about the misuse of science and technology in society. Their statement called for the redirection of scientific research to pressing environmental and social problems.</p>	<p>\$100,000+ The Energy Foundation Richard & Rhoda Goldman Fund W. Alton Jones Foundation The Joyce Foundation The J. M. Kaplan Fund The Henry Luce Foundation, Inc. The John D. and Catherine T. MacArthur Foundation The John Merck Fund Oak Foundation The David and Lucile Packard Foundation The Pew Charitable Trusts V. Kann Rasmussen Foundation Max and Cecilia Stone Turner Foundation, Inc.</p>	<p>National Headquarters 2 Brattle Square Cambridge, MA 02238-9105 Phone: 617-547-5552 Fax: 617-864-9405 http://www.ucsusa.org</p>
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	<p>The <i>Alliance for Bio-Integrity</i> is a nonprofit, nonpolitical organization dedicated to the advancement of human and environmental health through sustainable and safe technologies. To this end, it aims (a) to inform the public about technologies and practices that negatively impact on health and the environment and (b) to inspire broad-based, responsible action that helps correct the problems and uphold the integrity of the natural order. In approaching these issues, it integrates the perspectives of both science and religion and co-ordinates the participation of both communities</p>	❖	<p>Pacific Bakery: Yeast-Free -- www.pacificbakery.com -- A fourteen year old family owned and operated organic food business.</p> <p>Jewish Community Endowment Fund, San Francisco</p>	<p>Alliance for Bio-Integrity 2040 Pearl Lane #2 Fairfield, IA 52556 (641) 472-5554</p> <p>info@biointegrity.org</p> <p>http://www.bio-integrity.org/</p>
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Appendix C

AfricaBio's Monitoring & Evaluation Plan for the USAID Biotechnology Outreach for South Africa, SADC, Zambia

Strategic Objective: Increase Biotechnology awareness and understanding amongst small scale farmers, scientist and decision makers in South African.

Task / Milestone	Indicators			Due date	Responsible Person(s) & Team
	Process	Key Outcomes	Definition of key outcome indicators		
Preparatory Activities	<p>Assess that we have a workable schedule</p> <p>Assess that there is adequate resources and personnel to carry out the activities identified.</p>	Lay the foundation for the project that will guide all activities	Functional work plan and M&E plan	13/02/04	<p>J. Webster D. Keetch W. Mandivenyi R. Akanbi S. Guthrie D Makinde</p> <p>T. Kambikambi L. Mumba</p>
Developing a Database	Do a quality check of the data inputs	Resource for the region which will allow stakeholders in the SA to have access to key biotech contacts in SA.	Functional database	31/03/04	J. Webster

Task / Milestone	Indicators			Due date	Responsible Person(s) & Team
	Process	Key Outcomes	Definition of key outcome indicators		
Material development for demonstration visit	Assess contents of material developed for correctness and fact by internal evaluators	science-based information in a format that is accessible to the target audience	Bt maize fact sheet Decision makers booklet	31/03/04	J. Webster D. Keetch W. Mandivenyi R. Akanbi
Newsletter	Evaluate target group's opinion/ acceptance of the newsletter contents on a random basis.	An informative newsletter that gives decision makes up to date on biotech issues	Proof of distribution i.e. postage slip & distribution list	12/3/2004 30/3/2004 12/6/2004 30/6/2004 12/9/2004 30/9/2004	H. Lombard J. Webster D. Keetch W. Mandivenyi R. Akanbi
Summary survey	Assess the quality of data collected. Verify results with other surveys	Report highlighting the key issues for consumers and make suggestions for how they can be addressed by biotechnology stakeholders	Survey report for distribution and publication	31/03/04	J. Webster D. Keetch

Task / Milestone	Indicators			Due date	Responsible Person(s) & Team
	Process	Key Outcomes	Definition of key outcome indicators		
Demonstration visits 1	Assess impact on participants with the use of an assessment form	showcase the impact of biotechnology to farming systems in the African context to Scientist, small scale farmers and journalists	50 delegates present at the demonstration visit	30/04/04	W. Mandivenyi
Demonstration visits 2	Assess impact on participants with the use of an assessment form	showcase the impact of biotechnology to farming systems in the African context to decision makers, farmers and journalists	50 delegates present at the demonstration visit	15/05/04	R. Akanbi
Communicators training workshops	Assess impact on participants with the use of an assessment form	Train competent communicators who are able to transfer science-based biotechnology information to other stakeholders from varied backgrounds	Trained communicators	09/07/04 31/08/04 (SADC)	J. Webster D. Keetch A. Ngqaka P. Mahlangu W. Mandivenyi R. Akanbi
Small-Scale Farmers Training	Assess impact on participants with the use of an assessment form	Biotech information transfer to small scale farmers to empower them and allow them to make informed decisions about biotech	Outreach to 600 farmers	30/11/04	Andiswa Ngqaka

Task / Milestone	Indicators			Due date	Responsible Person(s) & Team
	Process	Key Outcomes	Definition of key outcome indicators		
Scientists outreach workshop	Assess impact on participants with the use of an assessment form	Equip local scientists with skills that will enable them to effectively manage plant biotechnology projects	25 scientists equipped with plant biotech project management skills.	15/10/04	J. Webster D. Keetch A. Ngqaka P. Mahlangu W. Mandivenyi R. Akanbi
Project Report	Assess contents for correctness and fact by internal evaluators	Show the impact of the project	Project report	31/12/04	J. Webster D. Keetch W. Mandivenyi R. Akanbi

GMAC Grantee Annual Narrative Report

Grantee AfricaBio

Agreement No. 0128-1003-G-GA36 SADC

Report for the period:

October 1, 2004 through September 30, 2005

October 1, 2004 to December 1, 2004

Please complete a one-two page narrative summary of your main accomplishments between October 1, 2004 – March 30, 2005. To prevent you from re-inventing the wheel, it is recommended that you work through the two narrative reports that you are required to submit to Mega-Tech for the specified reporting period and capture essential accomplishments related to your milestones.

All milestones and deliverables scheduled for this quarter have been completed within the specified period.

The materials and newsletter developed for this project has benefited many decision makers, scientist and small scale farmers in SADC region.

The major constraint we had in completing some one of the milestones scheduled for completion this quarter i.e. the database, was our inability to get through to people in the region to confirm their details and the high cost of telecommunication bills incurred in trying to get through to them.

In my capacity as the grantee agent, I hereby certify that to the best of my knowledge, the above information is accurate.

Authorised Signature: _____

Date: _____