



PRESIDENT'S ANNUAL REPORT

This is the President's Annual Report which will record the present Council's successes, failures and work-in-progress to be completed by the in-coming 2006/2007 Council. The out going Executive which worked under the 2005/2006 Council was made up of the following with responsibilities as shown:

Eng. C. Makwiranzou	- President: Overall and report to Council
Eng M. Manhuwa	- Deputy President: Professional Board
Eng W. Vengesayi	- Vice President: Learned Society & Membership Services
Eng T. Kapumha	- Vice President: Education & Qualification Board
Eng S. Kazhanje	- Honorary Treasurer: Finance and Staff

On coming into office the Executive's action plans were to tackle the following:

- Vitalization of the Institution
- Information Dissemination
- Strengthening of Branches
- Parenting of Divisions
- Formation of Diaspora Branches
- Regional and International Co-operation
- National Contribution
- Registration of Engineers

This report summarizes the progress made on each plan.

- **Vitalization of the Institution**

The Executive's action plan was to create commitment by all members so that they could participate in the Institution's activities. Besides responding to member's needs, the Executive also went on a membership drive to Masvingo, Chiredzi, Gweru and Universities of Zimbabwe and Chinhoyi.

In all 248 new member applications were received, of which 180 were approved and the balance are being processed.

Organisations such as Econet, ZESA, Net.One and Air Zimbabwe were also approached because they employ a large number of Engineers, Technologists and Technicians.

The Executive believed that as a group Engineers make a difference in improving the standard of living of our country and indeed that of the global village.

In general the 2005/2006 Council ran the Institution in a decisive and business like manner. Among the financial highlights was the accrual of income from a deficit situation to \$600 Million reserve level. New sponsors came on board and we managed to purchase a minibus.

Part-payment of the Institution's subscription arrears with the World Federation of Engineering Organisations has also started.

- **Information Dissemination**

One of the tenets of the Institution is to enhance and disseminate Engineering knowledge.

The Executive took a multi-pronged approach by regularly publishing the newsletter, the Zimbabwe Engineer Magazine and the ZIE proceedings. Talks, lectures and workshops were held in our different Area Branches. The Institution also now has an active website.

In addition career guidance for our future Engineers, Technologists and Technicians was carried out through the Presidential Area visits. The very popular Area, National and Regional Bridge Building Competitions continued to attract interest. The Institution also held a Student's Paperette at the University of Zimbabwe and there are plans to expand the Paperette to other Universities.

- **Strengthening of Branches**

The Executive realized that the strengthening of Area branches was fundamental to the Institution's perpetuity. All Area Chairpersons and Secretaries were then invited to a Leadership Seminar held in Harare in April 2006. This seminar was highly successful in that it gave the branch leadership a road map to follow in running and organizing branch activities.

- **Formation of Diaspora Branches**

Rough statistics indicate that as a country we have lost more than 40% of our qualified Engineers, Technologists and Technicians to greener pastures in other countries. Due to this high Engineer mobility, the Executive sought Council's approval to form ZIE Branches outside of our borders.

The Executive is grateful to the following for picking up the challenge and spearheading the new branches:

- Eng Fidelis Baloyi - ZIE -UK Branch
- Eng Philip Bamu - ZIE-USA Branch
- Eng Ignatius Gangaidzo - ZIE-Botswana Branch

It has been an absolute joy to get some of our externally based Engineers to organize talks in Zimbabwe and in the words of Martin Marerwa, published in the Herald, 27th June 2006, *"this adds to our knowledge base and ultimately contribute to the success of the profession and the nation, culminating in a brain gain"*.

Data gathering is almost complete for members now domicile in South Africa to form a Branch.

- **Parenting Divisions**

The Executive's strategy on Divisions was to request organisations which employ large numbers of Specialist Engineers to parent, support and encourage those Engineers to form a Specialist Division.

This was successfully done with the support of the following:



Division	Parent	Chairperson
Large Dams Division	ZINWA	Eng A. Muyambo
ICT Division	Econet/Net.One	Eng A. Mushosho
Energy Division	ZESA	Eng M. Zviuya
Irrigation Division	ARDA/Ministry of Lands	Eng Z. Murungweni/Eng Khoza

It is with sadness that I report that we lost the Chairperson of the Geotechnical Division Mr Oscar Zindi who passed away in December 2005. Eng Madoroba is the interim Chairman.

• **Regional and International Co-operation**

The Executive Board has cooperated with both regional and international Engineering Organizations both as a knowledge enhancing and branding strategy. Listed below are some of the activities carried out in this sphere.

Item	Organization	Activity	Date	Remarks
1.	Engineering Institution of Zambia	EIZ Conference, Lusaka, Zambia	Sept. 2005	President and Deputy President attended and contributed to topical Engineering issues in Zambia and the region
2.	SAICE/ UNESCO Workshop	Water Demand and Management Workshop, Johannesburg, RSA	Sept. 2005	Eng. Amos and Zvobgo trained to hold further Workshops in Zimbabwe
3.	Malawi Institution of Engineers	MIE Conference, Blantyre, Malawi	Oct. 2005	Deputy President presented a Paper on Engineering Opportunities
4.	World Federation of Engineering Organisation	WFEO General Assembly, Puerto Rico	Oct. 2005	President represented Zimbabwe at the General Assembly
5.	American Society of Civil Engineers	ASCE Annual Conference, Los Angeles, USA	Oct. 2005	President signed a Global Ethics Charter and contributed on Engineering Preparedness for Natural Disasters
6.	UNESCO/SAICE Workshop	Regional Workshop on Poverty Alleviation, Johannesburg, RSA	Feb. 2006	President led a 3-man delegation and contributed to Regional Poverty Alleviation Strategy
7.	Biannual, ZIE/EIZ Engineering Without Borders Conference	EWB Regional Conference, Victoria Falls, Zimbabwe	May 2006	ZIE/EIZ hosted regional EWB Conference focusing on Poverty Alleviation and Achievement of Millennium Development Goals

8.	Engineering Mobility Forum	Conference on Engineering Mobility, Budapest, Hungary	May 2006	Presentation of Paper on Engineering Education and Accreditation by Mr Choto and Dr Mbohwa
9.	World Council on Civil Engineering (WCCE)	Conference on formation of WCCE, Mexico	Early July 2006	Planning for attendance of this Conference by incoming Council.

• **National Contributions**

Of particular importance has been the Institution's Contribution to our country's stock of Engineering knowledge and projects. Our views and comments have been requested and considered by both the Public and Private Sector.

Only a sample is listed below:

1.	Ministry of Local Government, Public Works and National Housing	-	Amendment of Model Building By-Laws - 1977
2.	Ministry of Parliamentary Affairs/Law Society of Zimbabwe	-	Amendment of Law of Partnership
3.	City of Harare/Ministry of Local Government, Public Works and National Housing	-	Housing Strategy for All
4.	Ministry of Infrastructure and Water Development	-	Strategy for Water Treatment in Urban Areas
5.	University of Zimbabwe	-	Establishment of Institute of Fuels and Energy
6.	Research Council of Zimbabwe	-	Request for Board Member
7.	Consumer Council of Zimbabwe	-	Contribution to World Consumer Rights day
8.	Standards Association of Zimbabwe	-	Request for Committee Members on various Standards
9.	NAMACO	-	Request for Contributions at Annual Congress
10.	Zimbabwe Construction Industry Council	-	Contribution to Running of the Council

• **Registration of Engineers**

Great strides have been made on the Registration of Engineers through the Engineering Council Act. The Cabinet Committee on Legislation has now approved the Draft Act. This will start the final Parliamentary processes before it is enacted. In addition the Private Act through which ZIE currently operates is also being reviewed.

The Engineering Council Act will not only protect the public, but it will also enhance the status of the profession. The Executive appreciates the support and work done by the



Honourable Minister Dr. I. Chombo and members of his Ministry to get to this stage.

Conclusions

As the baton passes on the 30th June, 2006, the 2005/2006 Council's main highlights of the year included:

- Increased national, regional and international visibility of the Institution:
- Three Additional Divisions were formed
- Three Diaspora Branches were formed
- Enhancement and dissemination of Engineering knowledge through publications and invited speakers
- Movement of the Institution's financial position from a deficit budget to a reserve level
- Purchase of a minibus to alleviate the Institution's transport problems
- Bringing the Institution into the International fold by seeking membership of the Washington Accord to facilitate international accreditation and recognition.

Work-in-progress which the in-coming Council should continue includes:

- Monitoring progress of the Engineering Council Draft Act from Cabinet Committee approval to enactment
- Finalizing formation of a ZIE-South Africa Branch and continued cooperation with the new branches in the UK, USA and Botswana
- Amortization of the WFEO arrears
- Progressing the Washington Accord from current sponsorship status to membership

As Engineers, Technologists and Technicians we can make a difference to our country and society through commitment and pride in our profession and work.

We have a responsibility to create wealth and build bridges which will take us from poverty to prosperity.

Eng C. MAKWIRANZOU

ZIE PRESIDENT 2005/2006

News From The Conquerar

PUBLICATIONS

We managed to get the Zimbabwe Engineer Magazine published. Congratulations to the Editorial Committee chaired by Professor D.J. Simbi of Chinhoyi University deputized by Dr C. Mbohwa of the University of Zimbabwe.

Mention must also be made to the publishers Space Age Printers under Mr Francis Mazunguza, who published the Engineers for the first time. He welcomes any constructive criticism for the purpose of continuous improvement.

The proceedings of the Zimbabwe Institution of Engineers were also published in April. The submitted papers were of a high standard and covered a wide range of Engineering disciplines.

This shows that as Zimbabwean Engineers and Technologists we are not lagging behind in the advancement of knowledge.

COUNCIL MEETING

The last Council Meeting for 2005/6 was held on 30/06/2006 at Conquerar House at 0930hrs.

ANNUAL GENERAL MEETING & CL ROBERTSON MEMORIAL LECTURE

The Annual General Meeting and the CL Robertson Memorial Lecture were held on 30 June 2006 at the Rainbow Towers. The CL Robertson Memorial Lecture was presented by Eng O Chidawu. He presented a paper on "The Engineer Managing the Current Environment Positively the Contrarian's way" and it attracted 200 guests.

PRESIDENT'S DINNER AND AWARDS CEREMONY

The Annual Presidents Dinner and Awards Ceremony was held at the Rainbow Towers on 30 June 2006, and it attracted 200 guests. Awards were presented to the following recipients:

SKF Award	:	Mr B Choto
Stevens Award	:	Eng E Rugoyi
Institution Award	:	Dr M Mgangira
PH Haviland Award	:	Eng A Muyambo
Phillip Kennedy Award	:	Eng N Masanganise
President's Commendation:		Mr M Mutingi
The Young Engineer's Award:		Mr K Mukaka
The El Mahdy Award	:	Mr C Hunidzarira
Recognition of Women Engineer:		Mrs L Kunaka
Honorary Fellow	:	Eng AS Mpala

SCHOOLS MODEL BRIDGE BUILDING COMPETITION

The National School's Model Bridge Building Competition was held on 31 March 2006 at Conquerar House and the winning teams that will be going to South Africa are St Johns College, Mpopoma High and Hwange Secondary.

These area branches also held Area Model Bridge Building competitions. The national competition was held at Conquerar House. The Deputy Minister of Science and Technology the Hon. P. Zhuwao was the guest of honour.

REGIONAL CO-OPERATION

In April we had the honour of hosting the Tanzanian Contractors Association under the umbrella of the Zimbabwe Construction Industry Council. The Executive Board is examining proposals for further cooperation.

UNESCO Sponsored Seminar on Poverty Reduction

The President, Deputy President and Engineer Amos attended this seminar in Johannesburg in February 2006.

The highlight was a presentation by SAICE Past President Allyson Lawless on Addressing Imbalances in the Engineering Profession.

Engineer Lawless analyzed the challenges in attracting, recruiting and retaining Engineers to design and construct infrastructure, without which poverty alleviation and ultimately its eradication is not possible.

This presentation motivated UNESCO to consider expanding this study to other countries in the region. We look forward to being one of the countries to be sponsored in this study.

SUBSCRIPTION NOTIFICATION

Subscriptions for 2006/2007 are now due and all members who have not yet paid will have to pay a 30% penalty fee. If you have not received your subscription notice or you have misplaced it please contact the secretariat for a duplicate copy.



TRAINING COURSES

ZIE ENGINEERING & TECHNICIAN TRAINING

Courses have been arranged on behalf of the Institution by Speciss Training Services. You are encouraged to register for courses that will be of benefit or interest to yourself

For further information and bookings, contact The Registrar, Speciss Training Services. Cnr Livingstone & Third Street, Box 2713, Harare, Tel 731562 (direct) or 704894 729149 Ext120/162.

SEMINARS & CONFERENCES

15-17 August 2006 31st Conference on "Our World in Concrete and Structures". Theme: "Housing for he Nation" . Call for papers contact CI Premier PTE Ltd, 150 Orchard Rd #07-14, Orchard Plaza, Singapore 238841. Republic of Singapore. Tel (065) 6733 2922 Fax: (065) 6235 3530. Email: cipremie@singnet.com.sg

27-29 September 3rd International Conference Production of Structures against hazards. Venue: Padova, Italy. Call for papers contact CI Premier PTE Ltd, 150 Orchard Rd #07-14, Orchard Plaza, Singapore 238841. Republic of Singapore. Tel (065) 6733 2922 Fax: (065) 6235 3530. Email: cipremie@singnet.com.sg

24-26 October 2006 Tenth International Conference on Inspection, Appraisal, repairs and Maintenance of Structures. Venue: Hong Kong Sar, China. Call for papers contact CI Premier PTE Ltd, 150 Orchard Rd #07-14, Orchard Plaza, Singapore 238841. Republic of Singapore. Tel (065) 6733 2922 Fax: (065) 6235 3530. Email: cipremie@singnet.com.sg

29-31 October 2006 3rd International Conference on Fibre Reinforced Materials. Venue: Hong Kong Sar, China. Call for papers contact CI Premier PTE Ltd, 150 Orchard Rd #07-14, Orchard Plaza, Singapore 238841. Republic of Singapore. Tel (065) 6733 2922 Fax: (065) 6235 3530. Email: cipremie@singnet.com.sg

DISAPORA NEWS

FORWARD FOR UK BASED ENGINEERS OF ZIMBABWEAN ORIGIN

1.0 AIM

The aim of this document is to promote the idea of UK-based engineers of Zimbabwean origin forming synaptic connections within the overall framework of the ZIE UK Branch.

2.0 BENEFITS

Some of the benefits arising from continued association between members, which have been identified in recent meetings, are listed below;

Information

This can include personal professional development, hot jobs/employers, real estate, holiday resorts, investments and political issues back home (e.g. the Mutambara situation). Surely, rubbing shoulders with like-minded people cannot be a bad idea. I

personally think I can benefit from finding out what others are doing and then re-evaluating my personal circumstances.

Personal Professional Development

Members can help each other to get chartered with local engineering institutions. This can be by advising on routes to membership, reviewing reports and recommending educational courses etc. Some of us may be losing the edge when it comes to presentation skills as there might not be scope in our respective current job descriptions to exercise this. Having regular meetings with peers and seniors can afford opportunities for skills maintenance. Some members have had successful academic appraisals with local institutions and yet others who were e.g. in the same UZ class are facing hassles over the same issue. By sharing such information, the relevant institution can be 'educated' accordingly.

Social

It would be naïve to expect everyone to get along, but there are opportunities for members and their associates to lead an active social life. Perhaps we can never replicate what we had back in Zim, but we can give it a good go!

3.0 HOW DO WE MAKE IT WORK?

At present, we have had a show of commitment from a few dozen members. Three meetings have been held so far, one at Watford and two in Birmingham. The most recent meeting was held in Erdington, Birmingham on 11 th January 2006. There has a maximum attendance of 10No. participants at any one meeting. However, due to various constraints, no single member has managed to attend all three meetings, although a core group of 4 engineers has attended two of the three meetings. The issue calls up a few questions, e.g. what is needed to ensure greater numbers? Perhaps the success of our activities cannot simply be measured by attendance at semi-formal meetings. What other alternatives to attending such meetings can be explored? It seems that there is scope in integrating these ZIE gatherings into the fabric of day-to-day existence in the UK, particularly considering the difficulties that most members face with domestic arrangements. Striking a balance between social, personal development and institution activities appears to be an attractive way forward. In essence, our meetings can be much more fun and less disruptive to family and single life. Some members may feel that they are self-sufficient for whatever reason and therefore do not need to take part in such activities. Well done & good luck to them, but perhaps complacency may be a factor here.

4.0 VENUES

In Birmingham, we have twice met at a social club where there are limited sports facilities (football fields and a ballroom/conference room). Admittedly, the weather has not been conducive for outdoor activities, but in future, we can, for example, have a meeting and a braai (BBQ) at the same time. This would easily accommodate minglers, those who have children or different tastes in terms of beverages etc.

There is no shortage of entertainment complexes where we would be able to congregate without paying a fee and enjoying, a safe, exciting environment. There is no reason why we cannot, say, meet at a seaside resort. A meeting room has its place but does not offer much else. By varying the meeting locations, we can encourage participation, particularly over the summer.

5.0 COMMUNICATION

So far, there has been a high volume of emails sent around. While this is obviously the modern way, members are urged to pick up the phone every now & then. At the last meeting in Birmingham, contact phone numbers (mobile mostly) were collected for this very purpose. Phone numbers can only obviously be used with the



owners' consent and will not be published otherwise. I have at present a distribution list (email addresses) and would like to add contact phone numbers. Please contribute. Communication should be extended to counterparts in the USA, Australia etc.

Zimbabwean engineers are strategically located all over the globe, and we can benefit from finding out particular advantages of being in one location as opposed to another.

6.0 COSTS

There will be expenses attached to all our well-intended activities. These can be minimized by incorporating ZIE (UK) affairs into everyday life but resultant costs are expected. It is not the intention of this association to hold significant amounts of money in the coffers or to make profit. Any eventual expenses will be clearly laid out and met by dividing fairly between participants. This approach and a few versions are already in use amongst the Zimbabwean community all over the UK and appears feasible.

7.0 FEEDBACK

I request that members respond with comments, contact details and ideas of meeting places by **13 th March, 2006**. This will give us an idea of the numbers involved and what the future holds.

Thanks & regards,

Francis Simba Chigara, Tel. 07919200513, 01214835344 (Bus),