

General Mission Statement

We are dedicated to enhancing the quality of life of the people of Papua New Guinea by the responsible and creative application of engineering.

Our Mission to the Community

Our Mission to the community:

- ◆ Advance the practice of engineering in the interests of the safety, well being, and the quality of life of members of the community.
- ◆ Promote an engineering management and practice style that will ensure sustainable development of the environment.
- ◆ Assure the community of the quality of the engineering profession by a continuous process of accreditation of qualifications and monitoring the competency standards of the profession.

Mission to Members

Our Mission to members:

- ◆ Determine and encourage high technical and ethical standards.
- ◆ Sustain standards with ethics and discipline.
- ◆ Encourage innovative solutions.
- ◆ Facilitate the acquisition and sharing of knowledge.
- ◆ Represent their interests

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President’s Overview	1
CEO’s Overview	2
Board of Directors	3
Vision & Mandate	6
Strategic Objectives	7
Achievements	8
Administration Report	11
Member Services Report	12
Training Report	15
Women In Engineering PNG	17
IEPNG Staff	20
Board Member Report	21
Board Member’s Statement	22
Auditor’s Report	23
Revenue Statement	24
Balance Sheet	25
Cash Flow Statement	26
Accounting Policies	27
Income & Expenditure Statement	28
Cash Flow Statements	29
Pie Graphs	30
Income / Expenditure Analysis	33
Faces of the Institution	34
Engineering Quotes	36
Mission Statement	38

The ideal engineer is a composite ... He is not a scientist, he is not a mathematician, he is not a sociologist or a writer; but he may use the knowledge and techniques of any or all of these disciplines in solving engineering problems.

- N. W. Dougherty

Inventing is the mixing of brains and materials. The more brains you use, the less materials you need.

- Charles F. Kettering

Engineering is the professional and systematic application of science to the efficient utilization of natural resources to produce wealth.

- T. J. Hoover and J. C. L. Fish

Engineering is the art of directing the great sources of power in nature for the use and convenience of man.

- Tredgold

Architecture begins where engineering ends.

- Walter Gropius

When engineers and quantity surveyors discuss aesthetics and architects study what cranes do we are on the right road.

- Ove Arup

This is not the age of pamphleteers. It is the age of engineers. The spark-gap is mightier than the pen. Democracy will not be salvaged by men who talk fluently, debate forcefully and quote aptly.

- Lancelot Hogben

Engineering refers to the practice of organizing the design and construction [and, I would add operation] of any artifice which transforms the physical world around us to meet some recognized need.

- GFC Rogers

Nothing is so inspiring as seeing big works well laid out and planned and a real engineering organisation.

- Frederick Handley Page

One has to watch out for engineers – they begin with the sewing machine and end up with the atomic bomb.

- Marcel Pagnol

Scientists dream about doing great things. Engineers do them.

- James A. Michener

When Henry Ford decided to produce his famous V-8 motor, he chose to build an engine with the entire eight cylinders cast in one block, and instructed his engineers to produce a design for the engine. The design was placed on paper, but the engineers agreed, to a man, that it was simply impossible to cast an eight-cylinder engine-block in one piece. Ford replied, "Produce it anyway."

- Henry Ford

All we know about the new economic world tells us that nations which train engineers will prevail over those which train lawyers. No nation has ever sued its way to greatness.

- Richard Lamm

I like engineering, but I love the creative input.

- John Dykstra

What we usually consider as impossible are simply engineering problems... there's no law of physics preventing them.

- Michio Kaku

Strive for perfection in everything you do. Take the best that exists and make it better. When it does not exist, design it.

- Sir Henry Royce

The engineer has been, and is, a maker of history.

- James Kip Finch

The well being of the world largely depends upon the work of the engineer. There is a great future and unlimited scope for the profession; new works of all kinds are and will be required in every country, and for a young man of imagination and keenness I cannot conceive a more attractive profession. Imagination is necessary as well as scientific knowledge.

- Sir William Halcrow

"Engineering or Technology is the making of things that did not previously exist, whereas science is the discovering of things that have long existed."

- David Billington

Engineering is quite different from science. Scientists try to understand nature. Engineers try to make things that do not exist in nature. Engineers stress invention. To embody an invention the engineer must put his idea in concrete terms, and design something that people can use. That something can be a device, a gadget, a material, a method, a computing program, an innovative experiment, a new solution to a problem, or an improvement on what is existing. Since a design has to be concrete, it must have its geometry, dimensions, and characteristic numbers. Almost all engineers working on new designs find that they do not have all the needed information. Most often, they are limited by insufficient scientific knowledge. Thus they study mathematics, physics, chemistry, biology and mechanics. Often they have to add to the sciences relevant to their profession. Thus engineering sciences are born.

- Yuan-Cheng



Members of IEPNG, your Institution (IEPNG) has had a very exciting year last year during 2013. I make a special mention of your support plus support from our partners in the Government and private sector in ensuring your continued membership with the Institution. Your membership in turns enables a very strong partnership IEPNG continues to maintain with our Government of the day, resource developers and our good relationships with our Tertiary educational communities. We continue to maintain a strong relationship also with our supporting international organization IE Aust, IENZ, IES (Singapore) and FEIAP.

Our membership continues to rise and this is an indicator on the confidence in the good relationship and partnership that the IEPNG has with the business community at large. One area that we still see a need for more work is to maintaining registration of our in-country citizen engineers. I ask that organizations that have our citizen engineers to ensure that their engineers are registered as they carry our engineering profession and value under our banner of our engineering code of ethics.

IEPNG continues to strive to maintain a high level in support to our industry and government in timely executing our part in our business community's efforts maximizing growth during this exiting period.

Three areas we supported our engineers, Government, and the people of our nation were:

- technical opinion in government major infrastructure development,
- stage a technical audit work shop in Partnership with the Works and Transport Departments, and
- progressing to the final stages of acquiring land for IEPNG house

I make special mention of our Women in Engineering. IEPNG has and will maintain its support towards Women in Engineering as the women engineers drive initiatives and value added growth in the engineering fraternity.

It is very encouraging that members of our Institution are members on the Board of Directors on the different statutory organizations Boards. Having engineers on these boards in a critical step in the direction to foster quality and sound engineering practices.

Our Country has just completed a major resource LNG construction project lead by EHL and Oil Search. There is still an exciting second LNG opportunity being negotiated lead by InterOil and Total. There are major Government High Impact projects as the Highlands Highway roads system upgrade that has started and will continue over the next few years.

What has IEPNG gained or learned from these major resource and Government High Impact Developments? How can IEPNG use these learning's? More importantly, how has these translated to IEPNG individual members.

I want to thank the CEO of IEPNG and his IEPNG Administration staff for an excellent effort during the last year. I also want to recognize the IEPNG Board of Directors for the direction and guidance that they have provided for IEPNG. As President, I want to thank the Board and the CEO for a successful 2013 year. 2014 will be a more exciting year as PNG is continually influenced by the world economic environment.

I leave one thought as a fellow engineer:

Under our Institution's vision, mission and code of ethics, why are these values not the deliverables in many of the projects? It still appears that we as engineers in our capacity as key decision makers at different levels are finding it difficult to uphold the purpose of being "the complete engineer"

MOSES STANLEY GURRA

President - IEPNG BOARD CHAIRMAN
PERB



MR. BENEDICT T. MICK
CHIEF EXECUTIVE OFFICER

The year 2013/14 was an exciting period for the Institution of Engineers PNG as it tried to assist the people of PNG to fight corruption especially in the Construction sector. The Institution undertook two significant tasks in 2013 in its efforts to fight corruption in PNG. Firstly, the Institution hosted the 'Technical Audit' workshop in Lae from to . Secondly, the Institution was engaged by the Government to carry out a 'Technical Audit' assessment of the road between the Lae Bugandi roundabout to the Wau-Bulolo turnoff after a contract worth over Three Hundred Million Kina (K300,000,000) was awarded to a Chinese firm to construct a four lane road.

Work is continuing with the effort to use the new Competency Based Assessment (CBA) system with the training of Assessors in 2013 by Mr Sen Hugo who is certified by Engineers Australia as a accredited assessor. The new assessment forms sent out to Port Moresby based National Engineers to fill in on a trial basis were not returned back to IEPNG and efforts are being made to quickly finalise the system for full implementation in 2014.

In late 2012 I attended the Federation of Engineering Institutions of Asia and the Pacific (FEIAP) AGM and Convention in Hyderabad, India with the Past President, Mr. Joseph Hamylton. Again, at the AGM, Singapore and Australia were asked to assist Papua New Guinea with its plans to implement the CBA system . The President, Mr. Moses Gurra and I also attended the World Engineering Federation Organization's (WEFEO) and World Engineering Summit which IEPNG is a Member of in Singapore in 2013. We established contacts and partnerships with other Professional Bodies from around the World

It is pleasing that the IEPNG financial records showed as at December 31, 2013 an increase (additional) of surplus to K 1, 333,284 compared to K 1,130,602 in 2012, K 797, 572 in 2011, K648,005 in 2010 and K593,869 for 2009. The actual income derived was K 2, 967,200 in 2012 compared to K 2,208,469 in 2011, K1.94 million in 2011, K1.47M in 2010 and K1.6M for December 31, 2009. The IEPNG expenditure was K1,634 in 2014 compared to K 1.077M in 2012, K 1.4 M in 2011, K825,744 at December 31, 2010 and about K1.10 M for 2009. These indications clearly demonstrated the positive growth of the engineering profession, as the result of the support from Members, the Board and the IEPNG staff.

This year 2014, will see the departure of some board members whose current terms will expire. A very special thank you to Mr. Joseph Hamylton, Mr. Andrew Pinge and Mr. Peniel Pitalot who have worked so hard with me and served very well on the Board. I wish to thank the President, Mr. Moses Gurra and his Board Members for their leadership and the IEPNG Staff who have worked very hard with the support from the PNG LNG Project and the Department of Labour and Industrial Relations (DLIR).

I also extend my sincere thanks to the Members (including Graduate and Student members) for their financial support and for remaining loyal to the profession. I thank the members and our partners for continuing to support the graduate development training program which has resulted in many transfers to full membership.

Thank you and God bless you all

BENEDICT T MICK
Chief Executive Officer





MR. MOSES STANLEY GURRA
President, IEPNG Board Chairman
PERB

Mr. Gurra is from the East Sepik Province, PNG. He holds a Bachelor in Mechanical Engineering from University of Technology-Lae, PNG; 1979 Bachelor of Mechanical Engineering from Queensland University of Technology-Brisbane, Australia; 1989.

Mr. Gurra started his career with Bougainville Copper Limited as a Graduate Engineer and then to Assistant Engineer. He served for 11 years. From BCL he progressed to Pogera Joint Venture and then to Chevron Texaco Niugini Ltd where he worked as the Production and Petroleum Engineer for 8 years.

When Oil Search took over operations from Chevron in 2003, Mr. Gurra was elevated to being the Operations Superintendent.

He is currently the Gobe Operations Superintendent. As a Board Member he aspires to see the Institution of Engineers move forward in enhancing the Engineering Profession in Papua New Guinea



MR ILA MARI
Deputy President

EDUCATIONAL BACKGROUND: Masters in Engineering Studies -civil engineering, majoring in structures, the University of Queensland, Australia, 1994 Post Graduate Certificate in Management Studies, Naval Staff College, Sydney -1996 Bachelor of Engineering, Civil Engineering, PNG University of Technology, Lae, PNG, 1980.

EMPLOYER: Independent Public Business Corporation (IPBC)

POSITION HELD: Project Director (1st march to date)

DUTIES AND FUNCTIONS: Confirmed as Project Director and had taken to responsibility to manage the phases commencing with resettlement of affected through repatriation and relocation exercises. Organize and manage the training and movement of more than 5,000 people to their desired destinations.

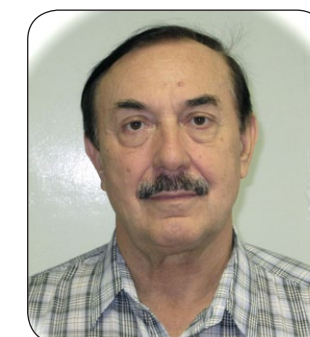
Review the project documentations and established the need for detailed designs.

Develop documentations to procurement a consultant for the assignment of detailed designs and documentation with approval from ADB and IPBC. The detailed designs revealed additional cost on the project. Review the designs and costing and established briefing documents to brief IPBC and ADB.

Developed draft NEC Submission requesting additional funding for the project.

Organize and manage procurement of contracts including bid document preparations, organizing and leading the evaluation committee with briefings and conducting evaluation.

Compiling the evaluation report to IPBC and ADB for approval. Providing monthly reports to ADB, IPBC and GoPNG stakeholders.



Mr. JOSEPH HAMILTON
Past President

Mr. Hamylton lives and works in Papua New Guinea for the last 29 years. He holds a Bachelor of Science in Civil Engineering and has over 35 years of experience in Civil and Mining Engineering and Project Management. He is a Director of Stocks & Partners, Consulting Engineers and Project Managers in Port Moresby. He became the Member of IEPNG eleven years ago and been involved with the Institution since a both Chapter and then Board level. He is also the Board Member of National Institute of Standards and Industrial Technology and National Roads Authority. Consistent with the Papua New Guinea Medium Term Development Strategy, Mr. Hamylton immensely contributes to building the nation's engineering manpower capacity and training national engineers. The engineering manpower is crucial to driving the development of Papua New Guinea. He aims to support IEPNG and SPEA to progress and dedicate himself towards fostering improvements of the engineering fraternity. His main goal is for IEPNG to acquire the ownership of the Technology Haus to provide a home-base for the engineers of Papua New Guinea.



MR. PENIEL PITALOT
Elected Member

Mr. Pitalot in his early 50's originates from New Ireland, PNG. He holds a Bachelor in Electrical Engineering (Power) and currently employed by the National Airports Corporation PNG (ANC) as Manager Special Projects in Port Moresby. He previously worked with PNG Power as Manager Engineering Research & Planning as well as A/Manager Rural Electrification. Mr. Pitalot has been involved with the Institution since 1999 at both Chapter and Board level and seen IEPNG taking a leap forward due to solid foundation laid by past Presidents/Board of Directors with good team spirit and firm support from the main office.

He aspires to see programs initiated in the last 2-3 years must add value to current and future engineers in partnership with our stakeholders and other professional bodies.



MR ANDREW PINGE
ELECTED MEMBER

Name: Andrew Pinge
Date of Birth: 05/10/53

Province: East Sepik
Employer: Department of Works

Position: Assistant Secretary (General Engineering Branch)
Year Graduated: 1984
Institution Graduated: PNG University of Technology
Discipline: Electrical Engineer (Power)
Employment Period: From 1985 to 2011 with Department of Works
Experience and Background: Electrical design of Building services, including project management and administrative management.
IEPNG Involvement: Member and Secretary for Port Moresby Branch from 1998 to 2008
Reasons for nomination to IEPNG Board:

1. Provide continuation of good leadership and good governance at the board level,
2. Bring wealth of experience from branch level and the industry into the institution,

3. Ensure stability and create conducive relationship amongst the members of the board and employers for better future for the Institution,
4. Provide assistance where required to improve the image of the institution at the board level,
5. Cooperate with the other board members to work towards building the Institute House.
6. Work together with the IEPNG CEO and the staff to promote interest of the institution.



MR FELIX BAGE
ELECTED MEMBER

Date of Birth: 2 October 1970 **Place of Birth:** Kimbe (WNB)
Current Employment: Team Leader Roads & Earthworks with Ok Tedi Mining Ltd, Tabubil

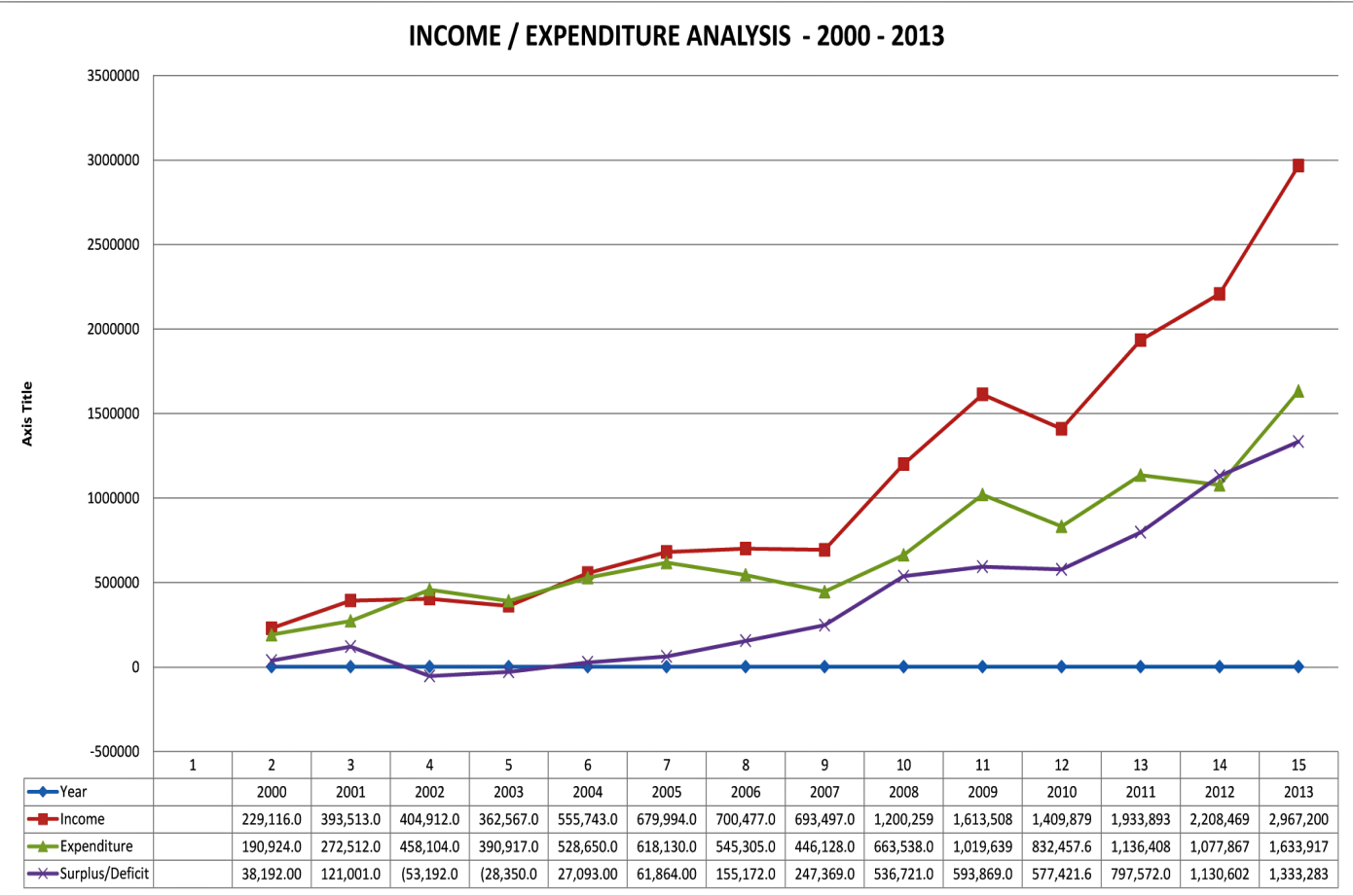
Membership History:

IEPNG Student Chapter Member, 1992-1995
IEPNG Student Chapter Chairman, 1993-1995
IEPNG Lae Branch Secretary, 1996-1997
IEPNG Rabaul Branch Interim Chairman, 2006-2007
IEPNG Tabubil Branch Chairman, 2009 to current

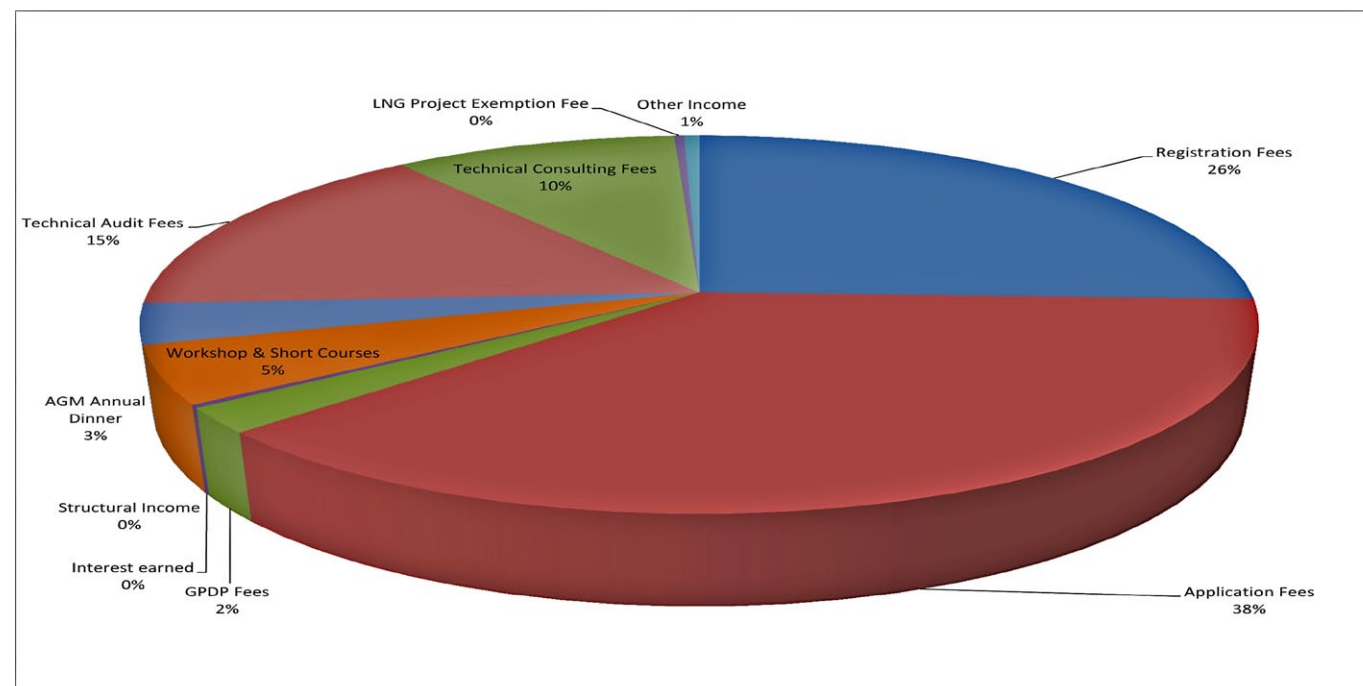
He started with IEPNG during his undergraduate studies at Unitech and have been with IEPNG since then. My foremost Interest in IEPNG is to maintain the Code of Ethics and aspirations of the IEPNG. I see IEPNG as an institution that significantly contributed to the engineering development of the country. As a leader, I can do my part through IEPNG for the development of human resources (Engineers) as a key ingredient for the development of the country. Good leaders is paramount to the nation and therefore, IEPNG is well placed to assist with the training and development of its members to be role leaders.

His aspiration for IEPNG is to continue to guide and protect the integrity of the Institution as an Institution. The Institution is a vehicle for the good of the nation by having engineering standards and guidelines for the practice of engineering. This will protect and safeguard lives of the public and the communities at large. I want to see IEPNG put into place policies, processes and procedures that create opportunity for members to be trained and developed into leadership roles.

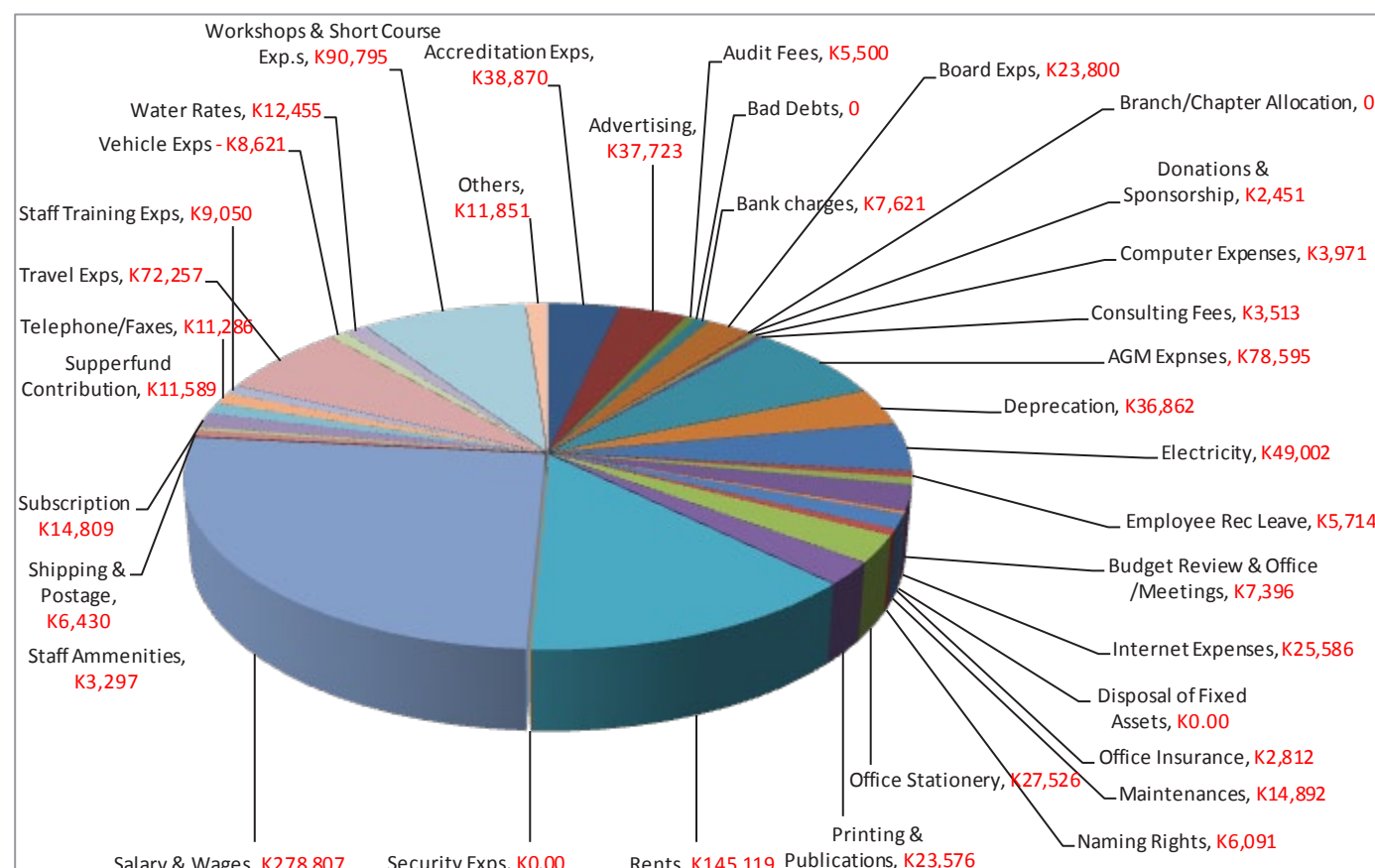
I also want see the Institution increase its effort into the fight against corruption which is the most pressing issue affecting the development of the nation. IEPNG should take a lead role by driving the message of corruption through its membership and branches.



2013 INCOME



2012 EXPENDITURE



MR BRIAN ALOIS
APPOINTED MEMBER

Comes From Rambutso Island in Manus Province. He graduated in 1993 at the Papua New Guinea University of Technology with a Bachelor in Civil Engineering. Admitted to Member on 16 April 1999, Joined IEPNG as Student Member on 6 May 1991.

He is currently working with the Department of Works in Lae as a Momase/Islands Regional Works Manager.

Currently Board Member of IEPNG & PERB

History:

Member of the 1996 Conference Organizing Committee



PROF. YAIP KINGSFORD TELUE
APPOINTED MEMBER

DATE OF BIRTH: 21 April 1964

NATIONALITY: Papua New Guinean

ACADEMIC QUALIFICATIONS

Doctor of Philosophy (Civil Engineering), Queensland University of Technology (QUT), April 2003

Bachelor of Engineering (Civil) with Honours 2A, Queensland University of Technology, 1992

(Awarded the Steel Design Award from the Australian Institute of Steel Construction in 1992 for the best undergraduate student in Steel Structures at QUT)

Bachelor of Engineering (Civil), PNG University of Technology, 1985 (Awarded Council Medal)

LANGUAGES & DEGREE OF PROFICIENCY:

English- Excellent, PNG Pidgin- Excellent

PROFESSIONAL AFFILIATIONS

Member Institution of Engineers, Australia. Member Institution of Engineers, PNG. Member (individual member) Australian Steel Institute.

OTHER TRAINING

Dreamweaver MX Course, University of Sydney, November 2005. Introduction to ABAQUS/STANDARD Course, University of Sydney 2006 and Compumod Engineering Pty Ltd,

Brisbane, 1998. Advanced Construction Planning, Master Builders of Victoria, 1988. Contract Law, Master

Builders of Victoria, 1988. Contract Maintenance Parts I and II, International Road Federation, Washington DC, 2000.

Current Position: Professor and Head of Department of Civil Engineering

Position reporting to: Pro-vice Chancellor Academic and Vice Chancellor.



MRS EMMA LAUNCH-WAIWAI
ELECTED MEMBER

DOB: 11 January 1967

MEMBERSHIP HISTORY:

Field of Engineering:

Electrical Engineering

(Communication)

Year of Graduation: 1988

Membership Number. 985

OCCUPATION:

ICAO & GOVERNMENT Liaison Officer

OFFICES HELD: SECRETARY OF NEWLY ESTABLISHED POM BRANCH – 1992 TO 1993

BOARD MEMBERSHIPS:

CHAIRPERSON – 2015 PACIFIC GAMES ORGANISING COMMITTEE

FEMALE VICE PRESIDENT – PNG SPORTS FEDERATION AND OLYMPIC COMMITTEE

VICE PRESIDENT – PNG BASKETBALL FEDERATION

ASPIRATIONS:

Engineers graduating from UNITECH, become more globally recognized

More female students to make engineering their first choice offer

The engineering departments at UNITECH obtain accreditation with recognized institutions to allow graduating students to have international accreditation

IEPNG assist students more in finding jobs immediately after they graduate

OUR VISION

The Institution is dedicated to enhancing the quality of life of the people of Papua New Guinea by the responsible and creative application of engineering.

OUR MANDATE

To hold a clear mandate to represent the Papua New Guinea engineering community by:

- ♦ upholding and promoting the profession of engineering
- ♦ providing leadership and engineering advice to Governments, NGOs, Organizations and the public on key issues
- ♦ meeting the professional needs of Members.

OUR IDENTITY

IEPNG is a network within the engineering professions dedicated to the improvement of engineering practice for the benefit of its Members and the nation. Our collective activities will be represented as those of the Professional Engineers Registration Board (PERB) of Papua New Guinea.

OUR MEMBERSHIP

We have several Member groups, in recognition of the diversity of engineering practice:

- ♦ those who hold a tertiary qualification in engineering, use a systematic process of analysis, design/ synthesis and implementation, strive to operate responsibly in accordance with a code of ethics set by their peers, and engage in continuing professional development. These members are classed as either Fellow Members (FIEPNG) or Registered Members (MIEPNG), depending on the professional level at which they use their skills and competence.

- ♦ those with other College or even some tertiary qualifications ,and practical experience that equips them to practice engineering as a systematic process – classed as Technician Members (TechIEPNG)
- ♦ those with suitable academic qualifications who aspire to attain the above classes by developing engineering practice competence during monitored employment – classed as Graduate Members (GIEPNG)
- ♦ those who express an interest in interacting with engineers although they do not have formal training in engineering themselves – classed as Companions
- ♦ those studying for engineering qualifications – classed as Student Members (StudIEPNG)
- ♦ those whose significant contributions have been recognized Fellow (FIEPNG) or Honorary Fellow (HonFIEPNG)
- ♦ those who are not engineers but who contribute to IEPNG in other professional capacities – classed as Companion (ComIEPNG)



2013 BOARD MEMBERS



INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC
DETAILED INCOME AND EXPENDITURE STATEMENT
FOR THE YEAR ENDED 31 DECEMBER 2013

	2013	2012
	K	K
Rents	152,454	145,119
SPEA Expenses	13,017	-
Salary & Wages	294,366	278,807
Shipping & Postage	8,621	6,430
Staff Amenities	2,334	3,297
Subscription	17,699	4,809
Superfund Contribution	12,693	11,589
Telephone / Faxes	16,662	11,286
Training Expenses	-	9,050
Travel Expenses	161,954	72,257
Vehicle Expenses	12,414	8,621
Water Rates	12,000	12,455
Workshop & Short Course Expenses	128,092	90,795
Others	19,720	11,851
TOTAL EXPENSES	1,704,553	1,077,867
SURPLUS / (DEFICIT)	1,394,247	1,130,602

INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC
DETAILED INCOME AND EXPENDITURE STATEMENT
FOR THE YEAR ENDED 31 DECEMBER 2013

	2013 K	2012 K
INCOME		
Registration Fees	757,760	882,154
Application Fees	1,117,320	1,060,191
Graduate Professional Development Program	64,779	13,879
Interest	7,820	12,627
Structural Income	-	8,721
Workshop & Short Course	147,018	141,773
AGM Annual Dinner	103,182	75,400
Lae Technical Audit Consulting Fees	456,554	-
Technical Consulting Fees	287,500	-
Pom Branch Income	131,600	-
LNG Project Exemption Fee	10,000	10,000
Other Income	15,267	3,724
TOTAL REVENUE	3,098,800	2,208,469
EXPENDITURE		
Accreditation Expense	5,072	38,870
Advertising	16,949	37,723
Audit Fees	6,800	5,500
Bad Debts	67,386	-
Bank Charges	5,896	7,621
Board Expenses	46,942	23,800
Branch / Chapter Allocation	4,346	-
Donations & Sponsorships	5,500	2,451
Computer Expenses	7,219	3,971
Consulting Fees - Technical Audit	288,458	3,513
Conference Expenses	85,549	78,595
Dues / Professional Fees	12,685	-
Depreciation	53,510	36,862
Electricity	36,675	49,002
Employee Recreation Leave	9,834	5,714
Budget Review & Office Meetings	3,851	7,396
Internet	45,269	25,586
Legal Fees	591	-
Pom Branch Expenses	70,636	-
Maintenances	6,067	14,892
Naming Rights	7,200	6,091
Office Insurance	2,162	2,812
Office Stationery & Expenses	30,968	27,526
Printing & Publications	32,962	23,576

ROLE OF IEPNG

IEPNG is the national forum for the advancement of engineering and the professional development of our members in Papua New Guinea.

Our role includes activities that:

- Advance the science and practice of engineering
- Cultivate lifelong learning by our members
- Promote the contribution of the profession as widely as possible
- Champion professional and ethical conduct
- Welcome all those who wish to practice engineering
- Allow members' aspirations to flourish; and stimulate and learn from their creativity and innovation
- Celebrate excellence in engineering outcomes
- Draw inspiration from our engineering heritage
- Sustain the integrity of the profession
- Take the lead in advocacy of the profession

OUR VALUES

The values that IEPNG and its entire Membership aspire to:

1. professionalism, integrity and honesty
2. objectivity and factually-based judgment
3. ethical, fair and impartial behavior inclusion of all age-groups, genders and cultures

Amongst our Membership, we:

- ◆ encourage excellence
- ◆ contributing to collective wisdom by sharing information
- ◆ improve our own understanding of engineering technology
- ◆ encourage and rewarding high standards and achievement

Dealing with external stakeholders:

- ◆ valuing the safety and well-being of the community
- ◆ avoiding or mitigating the adverse impacts of our work
- ◆ reducing the risks of loss of life, injury or suffering
- ◆ minimizing potential dangers associated with our work
- ◆ apprising stakeholders of identified risk
- ◆ recognizing the long-term imperative of sustainable management

- ◆ using resources efficiently to encourage environmentally sound reuse, recycling and disposal.

ACHIEVEMENTS IN 2013

The Past President of IEPNG, Mr. Joseph Hamylton and the Chief executive Officer Mr. Benedict Mick attended the 21st FEIAP General Assembly held on 9th May 2012 at the Hotel Taj Krishna, Hyderabad, India. Both also participated in the World Federation Engineering Organisations (WFEO) from 7th to 9th May 2012.

The agenda items of significance and importance to the Members of the Institution of Engineers PNG Inc are as follows:

Standing Committee on Engineering Education (EE) –

Chaired by Dr John Li of CIE Dr John Li of CIE informed the General Assembly that a meeting was held on the afternoon of 8 May 2013. He briefed the meeting that two evaluation exercises would be conducted by the end of this year.

The first mentoring effort for MES by IEM and CIE would be from 26-30 May 2013. A report would be given once the exercise is completed. At this juncture, the FEIAP meeting also recorded the submission of the Evaluation Report prepared by Academician Dato Ir.

Prof. Dr Chuah Hean Teik on the first visit to universities of Myanmar Engineering Society (MES) tabled as per Appendix C.

He then reported that the that both EA and IES were tasked to assist The Institution of Engineers, Papua New Guinea (IEPNG) to upgrade their engineering programmes in the local universities to attain a standard as set in the FEIAP Engineering Education Guidelines. Hence at the Standing Committee meeting, it was agreed that IES would host the workshop on accreditation procedures and set up of programme courses in the universities for IEPNG and would invite both ANTEL and CoP to participate. Invitation would also be extended to AFAS to join the workshop scheduled in September 2013 in Singapore during the World Engineers' Summit (WES). The Mentoring report of Papua New Guinea was presented as per Appendix D . Workshop Session at CAFEO 31 The General Assembly was informed there was also a proposal at the FEIAP/AFEO Dialogue meeting that the organiser of CAFEO 31, PII will arrange a Workshop session to explain and discuss on the FEIAP Engineering Education Guidelines.

This FEIAP workshop session was to share experiences and those who have acted as Mentors could provide an insight to the working of the guidelines. Ir. Tri Wahyu Widodo informed the meeting that CAFEO 31 had been scheduled from 10-14 November 2013 in Jakarta,

Indonesia and this half day workshop session could be arranged on 11 November.

Date & Venue of Exco and General Assembly schedule of Exco and General Assembly was tabled as follows:

May-June 2014 22nd General Assembly China (CAST)
Nov-Dec 2014 6th Exco Meeting Laos (LUSEA) (Tentative)
May-June 2015 3rd FEIAP Convention 2015 and 23rd General Assembly Australia(EA) (Tentative) Nov-Dec 2015 7th Exco Meeting Malaysia (IEM) (Tentative)

May – June 2016 24th General Assembly Papua New Guinea (IEPNG) (Tentative)

General Assembly to note that the 3rd FEIAP Convention and 23rd General Assembly is open for hosting. A proposal was made at this General Assembly that Mr Paul Mitchell approach EA to host the 3rd FEIAP Convention and General Assembly in Australia while The Institution of Engineers Papua New Guinea had indicated its interest to host the 24th General Assembly and Distinguished Lecture.

Attendance at FEIAP Convention and General Assembly The General Assembly was informed that there were inquiries from Member Economies on the issue on the necessities to attend the Convention when attending the General Meeting. The General Assembly decided that FEIAP members attending the General Assembly would also be required to register and pay for the FEIAP Convention.

Nominees for FEIAP Engineers of the Year Award 2014 Member Economies were invited to submit candidates for the FEIAP Engineer of the Year 2014. The closing date was approved as 28 February 2014. Nominations were to be submitted to the Secretary General or to the Secretariat.

The Past President, Mr. Joseph Hamylton and the CEO have tentatively proposed Papua New Guinea through the Institution of Engineers PNG Inc to host the 24th General Assembly sometimes between May-June 2016. This will be a golden opportunity for IEPNG and PNG to showcase Engineering projects and our country to the engineering fraternity from around the world. IEPNG will confirm our interest in during the FEIAP Annual general Assembly in China in 2014.



Current members of FEIAP – 2013-2014

Engineers Australia (EA)
China Association for Science and Technology (CAST)
The Hong Kong Institution of Engineers (HKIE)
The Institution of Engineers, Indonesia (PII)
The Institution of Professional Engineers Japan (IPEJ)
Korean Professional Engineers Association (KPEA)
The Institution of Engineers, Malaysia (IEM)
The Institution of Engineers, Papua New Guinea (IEPNG)
Philippine Technological Council (PTC)
The Engineering Institute of Thailand (EIT) under the King's Patronage
Vietnam Union of Science & Technology Associations (VUSTA)
The American Society of Mechanical Engineers (ASME)
The Institution of Engineers, Mauritius (IE-Mauritius)
The Institution of Engineers, Singapore (IES)
Chinese Institute of Engineers, Chinese Taipei (CIE)
Myanmar Engineering Society (MES) join on 25/11/2008 - 16th General Assembly in Bangkok, Thailand
The Institution of Engineers, India (IEI) join on 25/11/2008 -16th General Assembly in Bangkok, Thailand
The Institution of Engineers, Bangladesh (IEB) join on 1/12/2009 -17th General Assembly in Suntec City, Singapore
Board of Engineers, Cambodia (BEC) (formerly join as Engineering Institution of Cambodia (EIC) join on 1/12/2009 -17th General Assembly in Suntec City, Singapore.
Pakistan Engineering Council (PEC) join on 5/10/2011 - 19th General Assembly in Furama Riverside Hotel, Singapore
College of Engineers Peru (CoP) join on 9/05/2013 – 21st General Assembly in Taj Krishna Hotel, Hyderabad, India
Association of National Engineers of Timur Leste (ANETL) join on 9/05/2013 – 21st General Assembly in Taj Krishna Hotel, Hyderabad, India



INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC

STATEMENT OF CASH FLOWS

FOR THE YEAR ENDED 31 DECEMBER 2013

5. ADVANCE MEMBERSHIP FEES

	2013	2012
	K	K
Membership & Registration Fees (Overpayments)	<u>1,779</u>	<u>1,779</u>

6. CONTINGENT LIABILITY

There were no contingent liabilities at balance date and non have arisen since balance date.

7. CAPITAL COMMITMENTS

There were no capital commitments at 31 December 2013.

8. FIXED ASSETS

	Furniture & Fittings	Office Equipment, at cost	Motor Vehicles – at cost	Computers & Software at cost	TOTAL
	K	K		K	K
Cost					
	35,463	49,597	89,496	64,959	239,515
Additions	-	2,100	87,986	12,305	102,391
Disposals	-	-	-	-	-
At 31 December 2013	<u>35,463</u>	<u>51,697</u>	<u>177,482</u>	<u>77,264</u>	<u>341,906</u>
Depreciation					
	26,529	26,575	29,500	45,831	128,435
Charge for the year	2,160	4,860	28,833	17,656	53,509
Disposals	-	-	-	-	-
At 31 December 2013	<u>28,689</u>	<u>31,435</u>	<u>58,333</u>	<u>63,487</u>	<u>181,944</u>
NET BOOK VALUE – 2013	<u>6,774</u>	<u>20,262</u>	<u>119,149</u>	<u>13,776</u>	<u>159,961</u>
NET BOOK VALUE – 2012	<u>8,933</u>	<u>23,021</u>	<u>59,996</u>	<u>19,128</u>	<u>111,078</u>

INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2013

2. OPERATING PROFIT

	2013 K	2012 K
The operating profit has been determined after charging/ (crediting) the following items:-		
Crediting as Income -		
Membership Fees	1,875,080	1,942,345
Other Income	<u>1,223,720</u>	<u>266,124</u>
	<u>3,098,800</u>	<u>2,208,469</u>
Charging as Operating Expenses -		
Audit Fees	6,600	5,500
Depreciation	53,510	36,862
Branch / Chapter Allocation	<u>4,346</u>	<u>-</u>
Total Operating Costs	<u>64,456</u>	<u>42,362</u>

3. RECEIVABLES

	2013 K	2012 K
Trade debtors	963,793	941,764
Less: Provision for doubtful debts	<u>(179,167)</u>	<u>(184,608)</u>
	<u>784,626</u>	<u>757,156</u>
Other Debtors		
Rental Bond	13,612	13,612
Other	<u>-</u>	<u>-</u>
TOTAL RECEIVABLES	<u>798,237</u>	<u>770,768</u>

4. TRADE CREDITORS & OTHER ACCRUALS

	2013 K	2012 K
Trade Creditors	23,277	31,418
GST Payable	85,687	88,391
Overpayment – Registration / Membership Fees	-	408,052
Payroll Liabilities	1,768	525
Audit Fees	<u>6,600</u>	<u>5,500</u>
	<u>117,332</u>	<u>533,886</u>

VISIT TO HONIARA – SOLOMON ISLANDS – MARCH 2013

In March 2013, the South Pacific Engineers Association (SPEA), PNG Chapter President, Mr. Eric Sikam and the IEPNG CEO, Mr. Benedict Mick undertook an assignment to Honiara, Solomon Islands.

The purpose of the visit is:

1. THE INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC WAS ASKED BY THE COUNCIL OF THE SOUTH PACIFIC ENGINEERS ASSOCIATION (SPEA) TO INVITE THE SOLOMON ISLANDS TO CONSIDER JOINING SPEA.
2. IF THE ENGINEERING PROFESSIONALS IN SOLOMON ISLANDS DECIDE TO JOIN SPEA, THEN :
3. IEPNG WILL ASSIST THE ENGINEERING PROFESSIONALS TO SETUP AN ASSOCIATION/GROUP WHICH WILL THEN BECOME A MEMBER OF SPEA
4. IEPNG CAN ALSO ASSIST THE ENGINEERING PROFESSIONALS AND THE GOVERNMENT TO SETUP A REGISTRATION BOARD TO REGISTER ENGINEERING PROFESSIONALS TO PRACTICE IN THE SOLOMON ISLANDS

In Honiara, one of IEPNG Members and Papua New Guinean, Mr. Freeman Pondarua provided valuable support to Mr. Sikam and the CEO. The CEO and Mr. Sikam held meetings first with the SIBEPA team and discussed the setting up of an association. SIBEPA is an Association representing the Building and Construction industry in Solomon Islands which has professional engineers as its Members. After meeting SIBEPA, IEPNG hosted a meeting with engineering professionals at the Honiara Hotel. Nearly 35 engineering professionals attended where the CEO and Mr. Sikam spoke to the on the purpose of the visit.

The CEO and Mr. Sikam also held meetings with Mr. Moses Soajonga Virivolomo, Permanent Secretary, Ministry of Infrastructure Development – SI and Mr. LOYLEY NGRIA, Chief Executive Officer, .Solomon Telekom Company Limited – SI. The team briefed them about IEPNG & PERB, the meeting held with SI engineering professionals and the possible benefits to SI if a Registration Board is set-up and if Solomon Islands joined the South Pacific Engineering Associations. The team also offered IEPNG assistance to *setup an Association and to draft Registration Act*.

The Outcomes from the visit are that all the engineering people we talked to agreed that :

1. An engineering Association MUST be setup, however they need to explore the relationships with SIBEPA

2. They must be affiliated to SPEA – requested that a SI representative to attend this year's SPEA meeting in Suva, Fiji.
3. Engineers practicing in SI MUST be registered and therefore a Registration Act must be drafted with assistance from IEPNG
4. SI engineers requested IEPNG to consider allowing SI engineers to be registered with PNG PERB and Membership to IEPNG. I advised that IEPNG will look at the option of establishing a IEPNG international chapter in SI – Honiara and SI engineers can then register with us.

The Institution of Engineers PNG Inc (IEPNG) is seen as the 'Big Brother' in the South Pacific region and we have an obligation to help and assist our engineers in the region to also progress.



Summary of the Outcome of the Technical Audit Workshop

The Institution of Engineers Papua New Guinea Inc took on the challenge and conducted a workshop on the Technical Audit of Government Funded Projects. This came as a result of mounting pressures from both within the engineering fraternity and the general public as a whole. While millions of kina is being spent on infrastructure development, there is rising concern whether these are built to, (i) acceptable standards and (ii) these projects deliver value for money.

The workshop was held at the Melanesian Hotel in Lae on Friday 25 October 2013 and was well attended; more than 120 engineers and those who are in the business of auditing attended the two-part session – presentation of the essence of auditing and the actual workshoping of ideas that would constitute the audit framework.

But carrying out audits on a regular basis by an external party can be a costly exercise and that can equate to up to 5% of any construction cost and by all accounts, that amount is needed to improve infrastructure and not doing checks and balance all the time. Yes, it would be necessary to do random checks to settle any doubts and it must narrow down to that.

Needless to say, the objectives of undertaking audit of Government Funded Projects are to:

- o ensure there are sufficient Preliminary Activities carried out prior to actual Tendering;
- o ensure that all the essential elements that form a binding instrument are included in the Contract Document;
- o ascertain that the procurement process is fully exhausted and that all the requirements are fulfilled;
- o protect the interest of both the client (employer) and the agent (contractor) and that projects when



implemented are done in the most efficient and effective manner;

- o empower the implementing agencies through appropriate resource allocations;
- o create a self-auditing mechanism that strengthens existing systems and processes; and
- o Instil ethical conduct and corporate governance in all fronts of project management.

However, auditing is aimed to improve on the way we do engineering in PNG and the strategic outcomes are threefold:

a. Strengthening of the institutions

It all starts with human resources - institutions having the right persons to do the job well and right persons are those that possess the relevant qualifications and experiences. Institutions must make it their business to ensure they engage in the development of their human resources who will in turn drive this agenda. One of the findings from the workshop reveals that institutions deploy engineers that do not meet minimum requirements to manage and/or supervise projects.

b. Strengthening of the systems and processes

The functional activities of the organization must be well documented and every persons engaged in project management must; (i) know why they exist, (ii) how they are applied and (iii) what their consequences are.

Compliance refers to the procedures, systems or sections within the public agencies or companies that ensure all legal, operational and financial activities are in conformity with current laws, rules, norms, regulations and standards. This must be strengthened.

c. Good Corporate Governance

The workshop acknowledged the fact that without corporate governance, everything that institutions believe in and strive to achieve cannot be measured. Unless there is

INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC
NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2013

1. STATEMENT OF ACCOUNTING POLICIES

A. Revenue

Revenue is accounted for on the accrual basis of accounting, except for membership fees which are recognised on a cash basis.

B. Properties, Plant and Equipment

Property, plant and equipment is stated at cost less accumulated depreciation, except for leasehold land which is valued at cost.

Depreciation is calculated from the date an asset becomes operational on a straight line basis to write off the cost of the assets over their estimated economic lives.

The estimated useful economic lives are as follows:

Office Equipment	11.5%
Computer Equipment	22.5%
Furniture and Fittings	11.5%
Motor Vehicles	20.0%

C. Impairment of Assets

Where the recoverable amount of an asset falls below its carrying amount, the asset is written down to its recoverable amount. There has been no impairment in the 2013 financial year.

D. Income Tax

The Income of the Institution is exempt from income tax by virtue of *Section 27(C)* of the *Papua New Guinea Income Tax Act 1959*, as amended.

E. Comparative Figures

Where necessary, comparative figures have been adjusted to conform with changes in presentation in the current year.

INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC
STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED 31 DECEMBER 2013

	NOTES	2013 K	2012 K
CASH FLOW FROM OPERATING ACTIVITIES			
Cash received from member		3,063,512	1,990,099
Cash Paid creditors, suppliers and employees		(2,634,322)	(794,085)
Interest received		<u>7,820</u>	<u>12,627</u>
Net cash flow from operating activities		<u>437,010</u>	<u>1,208,641</u>
CASH FLOW FROM INVESTING ACTIVITIES			
Purchase of property, plant and equipment		(102,391)	(81,610)
Proceeds from sale of fixed assets		<u>-</u>	<u>-</u>
Net cash inflow/(outflow) from investing activities		<u>(102,391)</u>	<u>(81,610)</u>
Net Increase / (decrease) in cash held		334,619	1,127,031
Cash at beginning of financial year		<u>3,993,732</u>	<u>2,866,701</u>
Cash at end of financial year		<u>4,328,351</u>	<u>3,993,732</u>
Represented by:			
Cash at bank and on hand		1,929,572	2,285,350
Term Deposits		<u>2,398,779</u>	<u>1,708,382</u>
		<u>4,328,351</u>	<u>3,993,732</u>

For the purpose of the statement of cash flows, cash includes cash on hand and cash on short term deposits net of bank overdraft.

some form of behavioural pattern, or culture of doing things, institutions may find themselves going around in circles trying to make things work against the external forces that want to dictate otherwise. Corporate Governance is basically a well-defined set of procedures and processes for how organizations are directed, managed and controlled, including the relationships between, responsibilities of and legitimate expectations among different stakeholders.

The Audit Framework or what is termed as the Maturity Framework was fully endorsed at the workshop – this is

contained in the full report, which will be made available after recommendation by the IEPNG Board and approval by the AGM.

It is recommended that a follow-up workshop be held to determine the particulars of the audit (or Audit Mechanics)

together with the Rubric Matrix that would be used as a guide to making assessments on the different aspects of

project management. IEPNG will advise on this in due course.

Administration Report



MS. EMIE MAVOKO
FINANCE & ADMIN COORDINATOR

2013 ADMINISTRATION REPORT

The Institution has gone through another year with a few challenges as part of its' continuous growth. One area that the Institution was critically in need of was manpower for its' Member Services Section. The position of Member Services Support Staff was vacant for close to 5 months.

Normal and appropriate processes were carried out through the daily National newspapers and interviews conducted. From the applicants interviewed, Miss Dorothy Bay was selected as the successful candidate for the position. Miss Bay commenced employment with the Institution on 27th August 2013 and was placed on a probationary period for three months and was late confirmed as a permanent staff on 28th November 2013.

One way to keep our members, engineers at large and stakeholders informed of past, current and future developments is through the production of monthly newsletters. Through this medium information is disseminated and shared to every member and stakeholders. Engineers and stakeholders are also encouraged to get involve by sharing ideas, comments etc through the newsletters. The office has now engaged a freelance Publication Officer to collect, collate and prepare newsletters. So far three newsletters have been produced since his engagement in October 2013. The office would like to encourage every engineer to participate by sharing ideas or provide tangible comments to support one another and the Institution as a whole.

Financially, the Institution has continued to grow from strength to strength since 2004 and this is the result of a good and sound leadership from the Chief Executive Officer and the Board Members. This growth also speaks of the tremendous support from the engineers through their commitment to maintain their financial membership current every year. The stakeholders supports are noted too through sponsorship dinners, meetings, workshops etc. These have all contributed towards the financial growth of the Institution.

Finally, I would like to take this opportunity to thank the CEO for his visions, leadership and support towards the Institution, financial

members and the hard working staff. Also a big thank you to the Board Members for their commitment to leave their paid jobs and attend IEPNG Inc meetings. Your support is noted and let's look forward for a better and fruitful 2014.

Thank you

Prepared by: Ms Emie K Mavoko
 Finance/Admin. Coordinator



MRS TOKSY TANABI
MEMBER SERVICES COORDINATOR

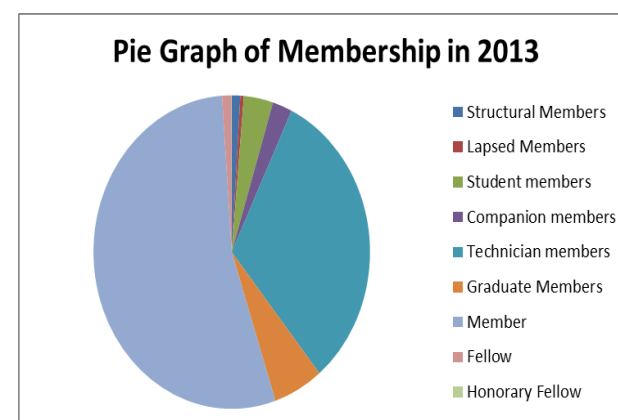
Membership Update

Year 2013 had been another challenging year for IEPNG. However with support and commitment from the stakeholders and members, we have recorded an increase in membership and registration of engineers in the country whilst the demobilization of engineers under the LNG Engineering Procurement Contractors (EPC) is winding down. The increase was largely based on the relationship and network with the stakeholders, the mining industry and the government agencies that contributed and supported the Member Services desk in complying with the rules and regulations in getting their engineers registered for the year.

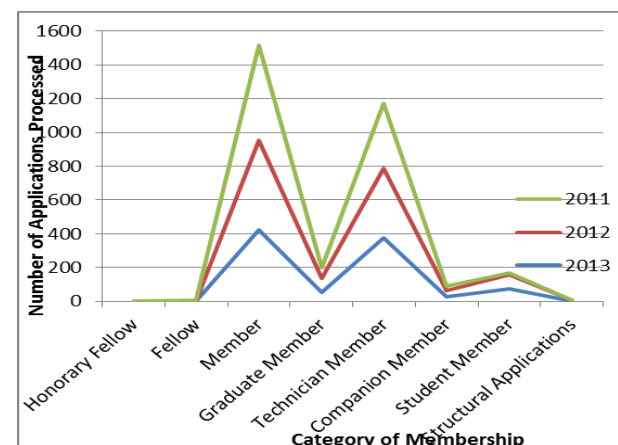
Membership of Engineering Technicians has increased tremendously because of the requirement of registration of aircraft and aviation engineers with the airline industry.

The statistics of membership and applications processed this year will indicate the increase and decrease as stated above on the table below and graph as shown.

FINANCIAL MEMBERSHIP STATISTICS			
Category of Membership	2013	2012	2011
Structural Members	22	22	24
Lapsed Members	9	1014	1512
Student members	76	63	49
Companion members	51	30	25
Technician members	709	410	219
Graduate Members	129	137	183
Member	1198	848	657
Fellow	24	26	30
Honorary Fellow	1	1	1
Total Members of 2013	2186	1515	1164



Application Statistics			
Category of Membership	2013	2012	2011
Honorary Fellow	0	0	0
Fellow	1	2	2
Member	424	529	562
Graduate Member	56	83	59
Technician Member	374	415	383
Companion Member	29	33	29
Student Member	75	83	8
Structural Applications	1	4	3
Total Applications	959	1149	1046



INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC

BALANCE SHEET AS AT 31 DECEMBER 2013

	Notes	2013 K	2012 K
CURRENT ASSETS			
Cash at bank and on hand		1,929,572	2,285,350
Term Deposits		2,398,779	1,708,382
Receivables	3	<u>798,237</u>	<u>770,769</u>
		5,126,588	4,764,501
NON-CURRENT ASSETS			
Property, Plant and Equipment	8	159,959	111,078
Work-In-Progress – Land Acquisition		<u>446,825</u>	<u>-</u>
TOTAL ASSETS		5,733,372	4,875,579
CURRENT LIABILITIES			
Trade Creditors and Accruals	4	117,332	533,886
Advance Membership Fees	5	<u>1,779</u>	<u>1,779</u>
TOTAL CURRENT LIABILITIES		119,111	535,665
TOTAL LIABILITIES		119,111	535,665
NET ASSETS		5,614,261	4,339,914
TOTAL MEMBERS EQUITY		5,614,261	4,339,914

To be read in conjunction with the notes on Pages 7 to 11

For and on behalf of the Board.

BOARD MEMBER

BOARD MEMBER

Dated at Port Moresby this 21st day of MARCH 2013

INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC
REVENUE STATEMENT
FOR THE YEAR ENDED 31 DECEMBER 2013

	NOTES	2013 K	2012 K
Operating Revenue	2	3,098,800	2,208,469
Operating Expenses	2	1,704,553	1,077,867
NET SURPLUS / (DEFICIT) FOR THE YEAR		1,394,247	1,130,602

STATEMENT OF CHANGES IN EQUITY
FOR THE YEAR ENDED 31 DECEMBER 2013

	NOTES	2013 K	2012 K
Equity as at start of year		4,339,914	3,209,312
Prior year adjustment		-119,900	-
Net Surplus / (Deficit)		1,394,247	1,130,602
MEMBERS EQUITY AS AT END OF YEAR		5,614,261	4,339,914

The accompanying notes form an integral part of these accounts.

ACCOMPLISHMENTS

Staffing

Member Services Officer, Mr Noah Aizuwe resigned in February and his successor Miss Dorothy Bay joined in August 2013. Miss Bay is from Morobe and has a Certificate in Tourism & Hospitality with experience in Marketing and working with people.

Continuous Increase in Membership and Decrease in Applications Processing

Financial Membership continued to increase in the year due to renewals of registrations whilst there was a decline in processing of new applications due to the LNG Contractors winding down on business in PNG.

Competency Based Assessment System

CBA applications were sent out to Port Moresby based engineers for trial purpose. objective was to get feedback from members whether they understood the system for implementation in 2014. To date only a handful have returned their applications which indicates that most members have not fully understood the forms. Therefore, there will be a follow up awareness carried out in 2014 to ensure that members are made fully aware of the processes and requirements of the new system.

AGM & Annual Dinner

The annual dinner event was very significant that saw a total of 500 persons attending the dinner on the 19 April at Gateway Hotel Port Moresby. Deputy President, Mr Ila Mari, was the Guest Speaker at the dinner and the theme of the dinner was "Rolling out of the Competency Based Assessments System" for our members.

Awards & Presentations

The following dedicated wise men were recognized and honoured for their valuable contributions and support to IEPNG.



Dr Fifaia Matainaho PhD, FIEPNG, MPNGID
COO – EDA Ranu & ADJUNCT ASSOCIATE PROFESSOR, PACIFIC ADVENTIST UNIVERSITY School of Science and Technology
Former President



Professor John Pumwa PhD, FIEPNG, FASME, MIMechE, UK & PNG Representative MASEE

Acting Vice Chancellor – PNG University of Technology, Lae



Mr Sylvester Kenatsi, MIEPNG

COO & GM, International Airport -NAC
Former Board Member, 2006-2012

Partnership with stakeholders

Continuous dialogue with stakeholders and government departments for membership and registration processes, requirement on the Registration ACT for organizations to register all engineering professionals.

Continuous dialogue by the President and CEO with Unitech VC's Office and Lae Polytechnic Director on Accreditation of Engineering Programs by having quarterly Meetings to identify critical areas that need government support with institutional assistance to put in place processes and procedures.

During the year, the President & CEO also met with Engineers Australia (IEAust), Institution of Professional Engineers New Zealand (IPENZ), South Pacific Engineers Association (SPEA) and the Federation of Engineering Institutions of Asia & Pacific (FEIAP). This was an opportunity for the Presidents and CEOs to meet and address issues of Accreditation, strengthening of our relationship and any other engineering issues in their respective areas of responsibility.

Acknowledgment

Members Services Team acknowledges and appreciates the following for their support this year.

- ◆ The Industries who supported us in sponsoring dinner tables for the Annual Dinner
- ◆ The entertainment group for entertainment during the dinner
- ◆ Casual staff for decorations during the dinner and enveloping for the Annual Elections
- ◆ CEO, Ben Mick & President, Mr Moses Gurra with his Board members
- ◆ Accounts for their prompt invoicing & the Training Team
- ◆ Government Agencies, Dept of Labour-Foreign Employment Division & Dept of Foreign Affairs, PNG Immigration & Citizenship, Departments of Works, National Airports Corporation
- ◆ Exxonmobil PNG, LNG Project Partner and its EPC Contractors.
- ◆ The recruiting agencies and industries who have really mastered the processes of registration that really helped in efficient processing of applications
- ◆ Mr Nigel Parker, Managing Director, Ok Tedi Mining, OTML HR Team and Felix Bage, Tabubil Chapter President for hosting us at Tabubil for the HR Meeting
- ◆ Mr Felix Tavil, HR Manager, Newcrest Mining with the HR Team for sponsoring the Government Liaison team to visit Lihir Mining site.



We note that 50 percent of membership and registration fees for members accepted in 2013 have not been settled and hereby encourage all employers and individual members to immediately check with the office to settle their accounts.

For more information, please call:

Member Services Team for status of membership and registration
Accounts Team for statement of account and invoices.

Upgrading of Membership and Registration.

Those Graduate members who have worked for *four years or more* and have not upgraded their membership to Member and for full registration under the Professional Engineers Registration Board (PERB) are hereby required to complete new applications for upgrade and forward to the office for processing. Application forms can be downloaded from the website: www.iepng.org.pg or through the office.

Those Student members who *have graduated and have not applied* for Graduate membership or being issued a logbook are hereby required to complete new applications for upgrade and forward to the office for processing. Application forms can be downloaded from the website: www.iepng.org.pg or through the office.

Prepared by: Toksy Tanabi
Coordinator Member Services
21 November 2013



Niugini Business Consultants

Registered Public Accountants & Auditors

PO Box 391

PORT MORESBY

National Capital District

Telephone: 323 1723 Fax: 323 1879

PO Box 1347

MOUNT HAGEN

Western Highlands Province

AUDITOR'S REPORT

TO THE MEMBERS OF

INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC

Scope

We have audited the financial report of Institution of Engineers Papua New Guinea Inc for the year ended 31 December 2013 as set out on pages 4 to 11. The Institute's Board Members are responsible for the preparation and presentation of the financial statements and the information contained therein. We have conducted an independent audit of the financial report in order to express an opinion on it to the members of the Institution.

Our audit has been conducted in accordance with International Standards on Auditing to provide reasonable assurance as to whether the financial report is free of material misstatement. Our procedures included examination, on a test basis, of evidence supporting the amounts and other disclosures in the financial report, and evaluation of accounting policies and significant accounting estimates. These procedures have been undertaken to form an opinion as to whether, in all material respects, the financial report is presented fairly in accordance with International Reporting Standards and the provisions of the Accountants Act (1996) as to present a view which is consistent with our understanding of the Chapter's financial position, the results of its operations and its cash flows.

The audit opinion expressed in this report has been formed on the above basis.

Unqualified Audit Opinion

In our opinion, the financial report presents fairly the financial position of the Institution of Engineers Papua New Guinea Inc as at 31 December 2013, the results of its operations and cash flows for the year ended in accordance with applicable Accounting Standards, and with the provisions of the Accountants Act (1996).

NIUGINI BUSINESS CONSULTANTS

Registered Public Accountants

By: JOHANIS WANDAKI – CPA PNG

Registered under the Accountants Registration Act 1996

Dated 8 of March 2013

INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC
BOARD MEMBERS' STATEMENT
FOR THE YEAR ENDED 31 DECEMBER 2013

The Board members state that the accompanying statement of net assets and statement of income and expenditure and cash flows are drawn up so as to exhibit a true and fair view of the state of affairs of the Institute at 31 December 2013 and the results of the operations of the Institution for the year ended on that date.

No circumstances have arisen which render adherence to the existing method of valuation of assets or liabilities of the Institution misleading or inappropriate.

For and on behalf of the Board.



BOARD MEMBER



BOARD MEMBER

Dated at Port Moresby this 21st day of March 2014



MS. ANITA BAGI
TRAINING OFFICER

SHORT COURSE TRAINING

Short courses training in 2013 was a very challenging. A total of eleven trainings were conducted in 2013 as listed below:

Date	Course	Number of Participants
25 th -26 th March 2013	Accounting for non Accountants	7 Participants
13 th - 14 th May 2013	Project Management –Module 1	7 Participants
15 th -16 th May 2013	Project Management – Module 2	7 Participants
21st-24th th June 2013	Project Management – Module 3	6 Participants
25 th -26 th June 2013	Project Management – Module 4	6 Participants
27 th -28 th June 2013	Project Management – Module 5	6 Participants
31 st July- 01 st August 2013	Public Finance Management ACT & Procurement Procedures	6 Participants
05 th - 06 th August 2013	Auto Cad Beginners	11 Participants
07 th - 08 th August 2013	Civil Cad Beginners	7 Participants
02 nd – 03 rd December 2013	Auto Cad Beginners	11 Participants
04 th - 05 th December 2013	Civil Cad Beginners	7 Participants

INDUSTRIAL TRAINING

Then Industrial Training for University of Technology was conducted in 2013. The third and fourth years students members of Civil, Mechanical, Mining, Electrical Power and Electrical Communication engineering students has been assisted by IEPNG to secure job placements in industries to carry out 3 months job training as part of their internal assessments as required by the University. A total of 36 students have been secured job placements in 2013. Below are number of students that have been engaged by respective companies.



Unitech Students on arrival at Jackson's airport to undergo Industrial training with Chiyoda-CJJV at the LNG Plant site Outside port Moresby

No of Students	Companies
14 Students	Chiyoda- CCJV
10 Students	PNG Power Ltd
6 Students	Curtain Brothers
2 Students	Water PNG
2 Students	Octagon Communications Ltd
2 Students	CANAM Construction Ltd

TRAINING VENUES/FACILITATORS

All trainings are held at International Training Institute in Badili and Core Management training room in Down Town, Port Moresby. The facilitators are Mr. Gilbert Bimundi, Mr. Albert Nawara and Mr. Sen Hugo

GRADUATE PROFESSIONAL DEVELOPMENT PROGRAMN- GPDP

The total number of IEPNG graduate member engineers that were engaged to the Graduate Professional Development Program in 2013 is thirty- two (32)

Prepared By: Anita Bagi
Training & Development Officer



Unitech students, ushered by the CCJV officer, getting ready to depart for Napanapa LNG plant site.



REPORT OF THE BOARD MEMBERS

The Board Members are pleased to present their report on the financial statements of the Institute for the year ended 31 December 2013.

Nature of Entity and Activities

The Institution of Engineers Papua New Guinea Inc is a non-profit and non-government organisation and is incorporated and registered under the Associations Incorporation Act of Papua New Guinea.

The primary purpose of the Institution is to promote the interests of the engineering profession and its members in Papua New Guinea.

Institution Information

Registered Office: Portion 637
PO Box 881,
Waigani, NCD

The Board Members for the 2013 year were:

Mr. Moses Gurra	(President)
Mr. Ila Mari	(Deputy President)
Mr. Joseph Hamylton	
Mr. Peniel Pitalot	
Mr. Felix Bage	
Mr. Andrew Pinge	
Mr. Brian Alois	
Dr. Yaip Telue	

Secretary and Chief Executive Officer:

Ms. Toksy Tanabi	(Secretary)
Mr. Benedict Mick	(CEO)

The Auditor for the 2013 year was:

Niugini Business Consultants
Registered Public Accountants & Auditors
PO Box 391
PORT MORESBY, National Capital District
Papua New Guinea

Banker

Bank South Pacific Limited
PO Box 211
WAIGANI, National Capital District



MR. BENEDICT TINAMO MICK
CHIEF EXECUTIVE OFFICER



MRS. TOKSY TANABI
MEMBER SERVICES
COORDINATOR



MS. EMIE MAVOKO
FINANCE & ADMIN
COORDINATOR



MS. ANITA BAGI
TRAINING OFFICER



MISS. VIVIANNE MICK
FINANCE & ADMIN
OFFICER



MS DORCAS HENRY
SECRETARY



MISS. DOROTHY BAY
MEMBER SERVICES OFFICER



MR. JETHRO AIKUM
FINANCE & ADMIN
OFFICER



MR. AMOS
OFFICE CLEANER



WOMEN IN ENGINEERING PNG – 2013 REPORT

The Women in Engineering (WIE) PNG is a Group of the IEPNG. It begun in 2012 when a group of likeminded engineer women decided to get together and form an engineering group of IEPNG mainly for Women/Female engineers.

WIE was officially recognised and endorsed at the IEPNG Board Meeting of February 2013.

WIE is open to all female/women engineers throughout PNG, though at this stage it is mainly concentrated in the Port Moresby area where most of the women engineers reside and work. Further to be member of WIE, one must also be a member of the IEPNG Inc. We do invite male engineers' membership as well.

The object of the WIE Group shall be the advancement of women in the science and engineering professions by;

Promoting Women in Engineering to:

- High Schools;
- Tertiary Institutions-Student Chapters;
- Potential Employers / Industry; and
- General Public;

2. *Mentoring of young women engineers.*
3. *Creating linkages with Other Organizations.*
4. *Networking, and facilitating exchanges & support among Women Engineers, and Women in other related professions.*
5. *Establishing a Foundation for Young Women pursuing Engineering Studies, and intending women graduates pursuing a Career in Engineering.*
6. *Facilitating further training and continued professional development (cpd) for female engineers in various facets of the different engineering disciplines*



The current Executives of WIE are as follows;



Ms Finkewe Q Zurecnuoc FIEPNG Reg Eng
Chairlady



Ms Edea Bouraga MIEPNG
Deputy Chair



Mrs Leka Bonoro MIEPNG
Secretary



Ms Dorothy Eliakim MIEPNG
Treasurer

Under the RULES of WIE, term of office of the Executives is two years.

The WIE operates under a set of Rules specifically devised by the ladies for the group and these Rules are in line with the IEPNG Rules and Regulations.

In 2013, WIE was not involved in a many activities but had a few meetings.

In 2014, we have drafted a work Plan that would be endorsed at our AGM to be held on 11 April 2014.

In this Work Plan we intend to carry out activities outlined in the Groups Objectives as stated above.

In early March 2014, three of our members, Ms Zurecnuoc, Ms Bouraga and Mrs Waiwai attended a US Embassy and Dept. of Community Services organised two (2) days Women's Forum in Port Moresby. This was an avenue for the WIE to make contact and network with other ladies towards working on the development of PNG women.

Our Work Plan for 2014 is centred on some of the contacts we made at that Forum. We would like to use these contacts to assist us to explore, execute, enhance and publicise our objectives throughout the country. We are hoping to have a big year this year in terms of executing our Work Plan.

The WIE has just finalised some paperwork to open a bank account and we are hopeful that the IEPNG will provide some seed funding to the WIE.

The WIE would like to mention the following for discussion at this AGM:

1. The WIE requests an increasing seed funding for all Groups and Branches
2. If women engineers are involved in Technical Audits – we would like a certain percentage of that income to be given to the WIE. In fact we would like to challenge that some audits be given to an “all women engineers” team to work on.
3. WIE wants clarification on whether Members and Registered Engineers get issued Certificates only, ID Cards only or both as Registration and Membership credentials
4. The WIE is putting its hands up to host the IEPNG AGM Dinner in 2015.
5. An officer located at IEPNG to do Branch work to be paid for by IEPNG

To all those women engineers located outside of Port Moresby, WIE would like to hear from you and make you a part of our group. WIE appreciates that not everything happens in Port Moresby. The WIE will need assistance from you, female engineers outside of Port Moresby to carry out some activities in other parts of PNG.

For further information and/or to be a part of the WIE, please contact the following;

Ms Finkewe Q Zurecnuoc on zurecnuoc.fq@gmail.com
Ms Edea Bouraga on etbouraga@gmail.com
Mrs Leka Bonoro on lbonoro@works.gov.pg
Ms Dorothy Eliakim on Dorothy.Eliakim@telikompng.com.pg

Thank you.

Finkewe Q ZURECNUOC (Ms) FIEPNG RegEng
Chairlady – WIE PNG
09 April 2014

TABUBIL CHAPTER

The report provides the annual overview of the major achievements by the Tabubil Branch and also highlights challenges and issues faced by the Tabubil Branch. The report will also introduce new executives of the branch for the term 2014 to 2015.

The Tabubil Branch achieved another milestone by organizing IEPNG staff to visit and conduct stakeholder meeting with the management of Ok Tedi Mining Limited, OTML contractor representatives and branch members in late November 2013. The outcomes from the stakeholders meeting with OTML Human Resource and contractor personnel indicates that there are more improvements to be undertaken in order to improve registration and annual membership by the branch members. The management of OTML is supportive of the branch programs and sees IEPNG as a partner in developing highly skilled national engineers through the OTML training and development program. The year 2013 showed a major decrease in the work force as 30% of the work force volunteered to leave OTML under the OTML Volunteer Departure Offer (VDO). This has impacted also on some of the branch members who left under the same package in December 2013. A major review is being undertaken to update the current members of the Tabubil branch with the view to improve the database and also to continue to provide reviews as new engineers join the new SOE and also engineers that leave employment within the new mine life extension to year 2025.

The Tabubil Branch has a membership of graduate engineers, technicians, companions, and registered engineers including a Fellow member of the Institute of Engineers, PNG Inc. There are 111 total membership with 57% are active. The other 43% are in the process of submitting their applications. Sixty six (66) of the members are expatriates and forty five are national engineer members.

The branch has a good working relationship with the management of Ok Tedi Mining Limited and this has set the foundation for a way forward. There are challenges and also opportunities that the branch can improve on with the mine life being extended to the year 2025.

One of the challenges is to achieve a process and system where it benefits both the mining operations in Tabubil in terms of the process to hire and bring in specialist skills from abroad and also opportunities for young national engineers to have skills transfer from expatriate engineers through mentoring and coaching process.

There is an opportunity for national engineers to learn new skills such as the Asset Management systems and

processes in a mining environment. The new president with like-minded expatriate members have indicated their interest to see that this is trialed in Tabubil as a pilot project and with success, this can be rolled out to major centers such as Port Moresby and Lae.

Finally, 2013 is a challenging year with changes in the shareholding of the mining operation under the Government of PNG which brings new opportunities for all stakeholders. There are now opportunities that IEPNG can benefit from especially national engineers.

I wish to take this opportunity to thank all my members and the past executives for their contribution to sustain and keep the branch moving forward despite all the challenges and issues faced in the past years.

I wish the new President Mr. Geoffrey Ross and the new executives' best wishes in 2014 and beyond.

Felix Bage

Past President & Board Member

