



Annual Review >

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Peter Jackson

Board Member
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Annual Report 2006/2007

The Institution of Professional Engineers New Zealand Inc.

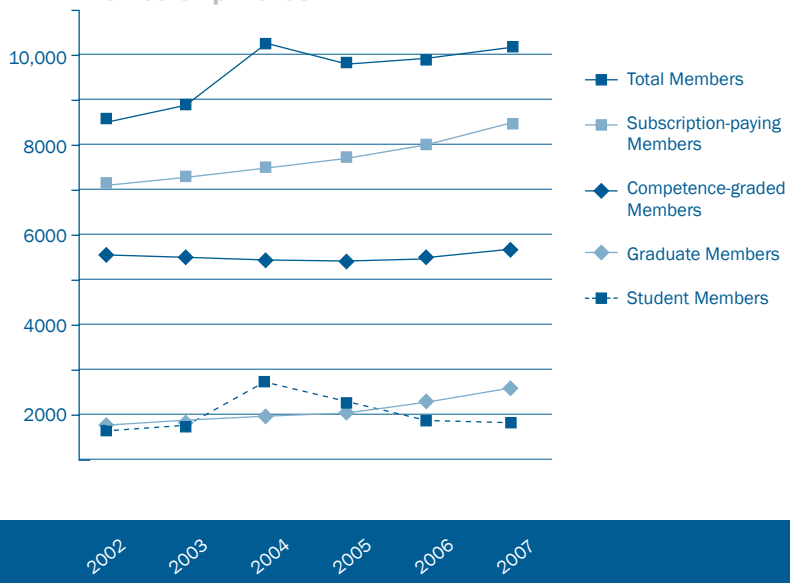
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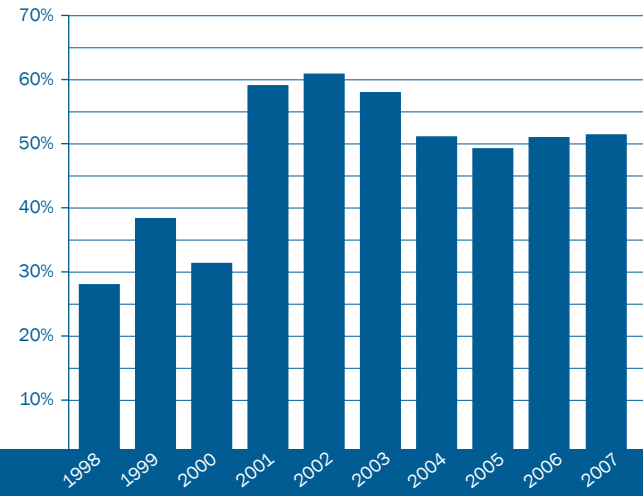
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Overview of Achievements

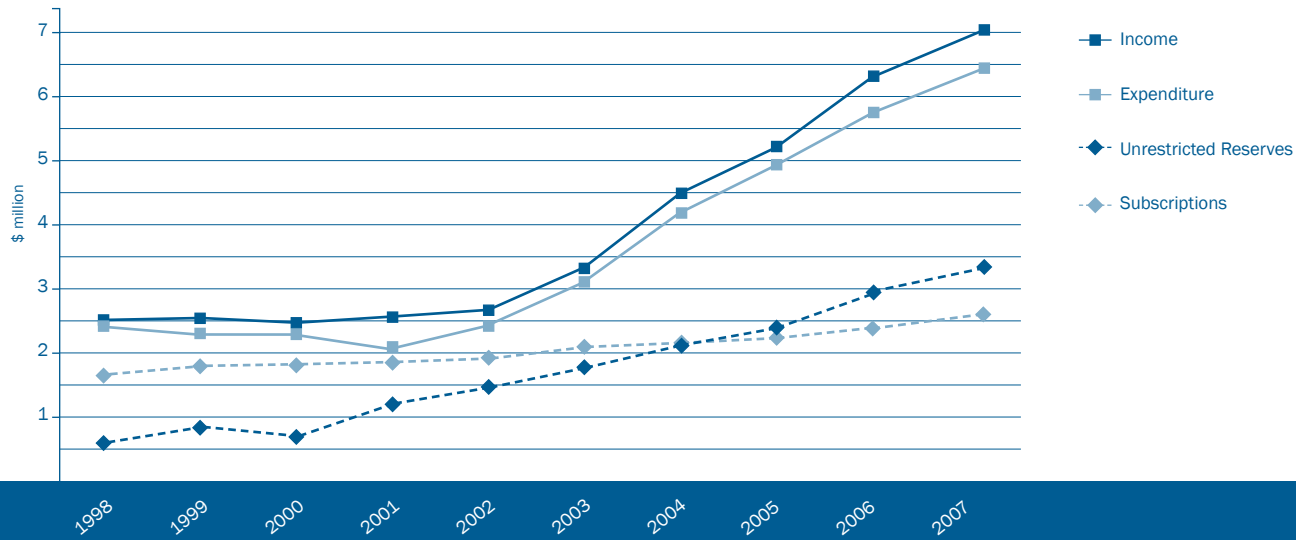
Membership Trends



Unrestricted Reserves as a Percentage of Annual Expenditure



Summary of Financial Performance



OUR MISSION

- To uphold and promote the profession of engineering.
- To provide leadership and engineering advice to society on key issues.
- To meet the professional needs of Members.

OUR VISION

For the engineering profession:

New Zealand and engineers benefit from a vibrant and respected engineering community.

For the Institution:

IPENZ holds a clear mandate to represent the New Zealand engineering community.

PERFORMANCE AGAINST OVERARCHING INDICATORS FOR THE YEAR ENDING 30 SEPTEMBER 2007

› Net growth in subscription-paying Membership.

Subscription-paying Membership rose from 8,048 to 8,490, a rise of 436 or 5.4 per cent.

› Net growth in competence-graded Membership.

The number of competence-graded Members increased from 5,566 to 5,666, a rise of 100 or 1.8 per cent which exactly meets the desired outcome.

› Members express satisfaction with the service provided to them by the Institution.

Exit surveys of resigning Members continued to show that the bulk of resignations occurred when Members retired or left New Zealand to travel overseas. Less than five per cent of those surveyed resigned because of dissatisfaction with the service provided.

› The Institution is regarded as the leading voice of the engineering profession on key national issues.

During the year meetings were held with the Minister and Associate Minister of Energy, and the Minister of Research, Science and Technology to raise issues identified by Members. Work was undertaken on eight policy projects, in collaboration with other organisations where appropriate. Over 180 reports on IPENZ, its activities and Members appeared in the New Zealand news media.

› New business development allows for a balanced budget in the forthcoming financial year.

Total income has risen from \$6.90 million in 2005–06 to \$7.64 million in 2006–07. One-third of the Institution's income comes from Member subscriptions. New or continued contract income was awarded by two government agencies. The Institution obtained funding of approximately \$600,000 over four years to operate the International Engineering Agreements secretariat.

› Prudent financial management maintains desired Institutional reserves.

Excluding extraordinary items, the surplus of income over expenditure for the year is about \$581,000. This is largely a result of higher than budgeted subscription income (due to Membership growth), better investment income, and growth in contract and short course income streams. In addition, approximately \$800,000 was placed in a reserve committed to the continuation of Futureintech. The total Institutional reserves have risen to about \$4.95 million. Of this \$0.82 million is attributable to Technical Interest Groups and \$0.82 million is restricted to use for Futureintech's continuation. The remaining reserves, comprising \$0.15 million in the centenary reserve and \$3.15 million attributable to National Office, are non-restricted. With an expected turnover of \$8.2 million in 2007–08, the non-restricted reserves provide a satisfactory level of security.

› Staff capacity and capability to support the future activities of the Institution is further developed.

The number of Institution staff has risen to 55, with a turnover rate of 17 per cent per annum. Salary benchmarking indicates that we are paying sufficient rates to attract good quality staff, and each staff member is supported in their own professional development.

From the President

In most measurable terms 2006–07 was a vintage year. Our Membership growth was the highest for over a decade, our revenue grew significantly through a number of successful initiatives to attract external funding, and we sufficiently grew our reserves to keep them at a prudent level for the future.

The number of Members who pay a subscription increased by 5.4 per cent over this reporting year – about 440 new Members in total. This favourably compares to other similar institutions whose membership is almost static. The number of competence-graded Members increased by 100, or 1.8 per cent, after remaining almost constant for several years. This is a particularly pleasing result, and hopefully the start of a trend. I acknowledge the considerable effort expended by our staff to achieve these outcomes.

Good progress is being made on all major initiatives including engenerate, a forum for younger Members that ensures their needs are not only identified but addressed. I was more than happy to continue to sponsor this initiative of my predecessor, Peter Jackson. I am confident that the initial inertia, so often a characteristic of innovation, has been overcome, and I am pleased that funding has been allocated to guarantee engenerate's continuation for the foreseeable future.

My own Presidential theme has been that of engineers working in their local communities and being seen to do so. I visited all but one of the Branches and hopefully encouraged the Members I met to be more aware of the need for professional engineers to stand up and be recognised by their communities. The engineering profession is among the most significant in providing New Zealanders with the solutions to everyday problems and the infrastructure to enable them to enjoy an ever-improving standard of living.

I am confident that we are making progress in bringing engineering more into public view at the national level and I trust that our efforts will be enhanced by actions at Branch and individual levels. The excellence of our actions will best address what Members around the country still tell me is their

biggest concern – being misunderstood and taken for granted in the wider community.

In my view, the major strategic decision made for the 2007–08 financial year was for IPENZ and the profession to significantly develop and then maintain a more proactive public policy and community representation role at a national level. The Board was persuaded that active representation in Wellington is likely to grow in importance, and we need to be part of it. If we are to be effective, however, it will be the quality of our messages that will have us heard in preference to others. Defining those messages clearly, and ensuring that what we say is both technically excellent and more perceptive than the messages of others, will be the key to success. The cost is not insignificant. It will be funded in part by a subscription rise, but also from encouraging results in other areas.

On the matter of subscriptions, after asking for and receiving a clear mandate from Members to do so, the Board has chosen to make annual rises at about or just under the rate of inflation to ensure that the Institution continues to have the resources it needs.

Towards the end of the financial year, we were advised IPENZ had won a further \$1.8 million in funding to develop materials for the school technology curriculum. This brings our Schools team's total government funding between 2003 and 2011 to about \$15 million. Our efforts are having a measurable impact – the proportion of students studying engineering, technology or science increased in 2007.

Many of our Members operate internationally and we need to ensure that our competence and professional standards are as good as, if not better than, those used by the rest of the developed world. We achieve this by being a signatory to the various accords – the agreements that exist between signatory countries to ensure that minimum standards for tertiary education are established and maintained. This year, after a competitive tendering process, IPENZ was awarded a four-year contract to provide secretariat services for the accords. As well as that, we passed our Washington Accord and

Engineers Mobility Forum reviews with flying colour. To cap it all off, one of our Distinguished Fellows, Basil Wakelin, formerly Chair of our Standards and Accreditation Board, was appointed Deputy Chair of the Engineers Mobility Forum. There is no doubt that IPENZ is well regarded on the international scene.

IPENZ began a number of initiatives to reinforce the profession's self-regulation after concerns were raised about whether professional engineers are in general performing competently, ethically and with sufficient care. We created a confidential reporting system so that we can all learn from the mistakes that are sometimes made when engineers tackle new activities. We also began an education programme to reinforce, in Members' minds, that part of our Code of Ethics which clearly imposes self-regulation on the profession.

Over this year the Board has taken decisive action to address key issues for New Zealand engineers. It has been pleasing to see a growing sense of collectivism amongst the various organisations within the engineering profession. ACENZ joined the New Zealand Engineering Excellence Awards as a fifth partner, and a number of our submissions on engineering practice and policy issues were co-branded. We must collectively concentrate on making the engineering cake bigger, not competing internally for shares of it.

Finally, I would like to thank the Members of the IPENZ governing Board and its various committees, the Chief Executive and his staff for their contributions to a very successful year.

Jeff Jones
President



From the Chief Executive

The last year was a buoyant one for the engineering industry, and this was reflected at IPENZ. Our remuneration survey showed a considerable rise in starting salaries for graduates (now around \$50,000), indicating that the labour market is responding to significant shortages. To meet the shortages there has been significant inwards migration of engineers, and many have joined IPENZ. Partly as a result of this we experienced significant Membership and subscription income growth in 2007.

The annual turnover of the Institution continued to grow as illustrated at the front of this report. Income attributable to National Office has grown from \$5.2 million in 2005 to \$6.3 million in 2006 and \$6.8 million this year. Our income forecasts for the next three years are \$7.6 million in 2008 and \$7.9 million in both 2009 and 2010.

These very positive results reflect in part the strong performance of our Schools team. The team won a renewal of the Futureintech contract, which seeks to increase participation in tertiary study in engineering, technology and science. All told, between 2003 and 2011 we will receive about \$15 million in government funding for Schools team activities.

I had the opportunity to explain why we support technology education when I visited Branches during the year. We all know that physics and calculus are the most important prerequisites for the technical aspects of engineering study. However, students perceive these subjects as hard, and a student who is unconvinced about engineering is unlikely to find the motivation to tackle engineering from sitting in these classes. In contrast, when it is delivered well, technology puts students in environments where they are preparing client briefs, developing and testing possible solutions, thinking about the wider consequences of their solution, and sometimes making prototypes. It sounds like engineering, and it is – hence our support. To increase the numbers of students studying engineering, we need them to be exposed to authentic, engineering-like situations at school.

On 1 July 2007 we finally rolled out a project that has long been in gestation. I refer to the launch of the

three new competence-based registers – Engineering Technology Practitioner (ETPract), International Engineering Technologist (IntET) and Certified Engineering Technician (CertETn). Members with long memories will recall the *Pathways* document of the early 1990s which proposed that IPENZ broaden its Membership. Acceptance by the Membership led to IPENZ embracing those practising in what we now call engineering technician and engineering technologist roles.

With the passing of the CPEng Act in 2002, and the launch of the International Professional Engineer (IntPE) register in 2003, we have offered professional engineers three quality marks for four years – current competence in the New Zealand context (CPEng), competence benchmarked to an agreed international standard (IntPE), and professional standing (MIPENZ). Now we have been able to complete the portfolio by making ETPract, IntET and TIPENZ available to engineering technologists, and CertETn and AIPENZ available to engineering technicians (there are no plans for an international engineering technician register at this time).

There is much hard work to do to market the new registers, but we believe that they allow IPENZ and the wider profession to give status and standing to all members of the engineering community. This helps to retain personnel in engineering roles, and support the wider public good by informing consumers about competent and well-regarded engineers at three different competence levels.

Another new initiative during the year was a move to increase our educational programme on ethics, and introduce a confidential reporting system allowing Members to report situations they encounter which they believe others can learn from. These were the most obvious outward signs of a significant investment in engineering practice. We also increased our output in terms of submissions on codes, regulations and standards, and our own production of *Practice Notes* and technical notes.

When you read the rest of this annual report you will find our outcomes across a large number of areas were extensive, and achieved within available resources. Your staff continue to work hard on your

behalf. They appreciate the continuing contribution of so many volunteers, and on their behalf I wish to thank Members for their work in a wide variety of roles. Our best estimate is that Members voluntarily fill the equivalent of 100 full-time staff positions, and our goal as staff is to capture the maximum benefit from that input for the advantage of all Members.

National Office has now been at 158 The Terrace for two and a half years. The wisdom in moving to larger and more visible premises can now be appreciated more fully – we are now more visible to many key decision makers in central government and other industry representative bodies. The extra space has also been badly needed to accommodate our growing staff. Non-subscription income is now about \$4.5 million per year compared to about \$700,000 six years ago. This change has required us to employ more staff to provide the services we receive income for, and we then need to house them. The flexibility of being a tenant better suits a dynamic organisation like ours.

In closing, I wish to repeat a challenge to Members. In the eyes of the public engineering is challenged right now – not so much about whether we are doing things right, but more about whether we are doing the right things as engineers. The public wants our projects to both be in tune with the needs and values of our communities, and provide the technical reliability they have come to expect. The same challenges apply to us as an organisation. IPENZ is not the staff, but it is every one of you. If you think we are not doing things right, or doing the right things, then please let us know. National Office staff pride themselves on being in tune with the Membership, but we cannot be if Members do not articulate their needs to us. IPENZ, like all parts of engineering, must learn and evolve, in a continuing quest to improve service to Members, and indeed New Zealand as a whole.

Dr Andrew Cleland
Chief Executive



Awards

› Distinguished Fellows

Distinguished Fellows are Fellows who are distinguished by work in engineering, technology, science or otherwise, whom the Institution decides to honour.

Roger Blakeley
Robin Dunlop
Ian Fraser
Richard Sharpe
Basil Wakelin

› Honorary Fellows

Honorary Fellows are individuals who are not practising engineers but are professionally engaged with engineers and have made an outstanding contribution relevant to engineering.

Sir Graeme Davies
Jeffery Tallon

› Fulton-Downer Gold Medal – the President’s Award

This award acknowledges the achievement of a Member or group of Members who have demonstrated the strength of engineering in its role of public service.

Basil Wakelin

› Turner Award for Professional Commitment

This award acknowledges a Member of the Institution for a continuing contribution to the engineering profession and to Institution activities.

Terry Kayes

› IPENZ Supreme Technical Awards for Engineering Achievers (Sponsored by Opus International Consultants Ltd)

These biennial awards are New Zealand’s premier awards for engineering achievement. The awards aim to encourage and recognise those who have demonstrated excellence and leadership in engineering practice over their careers to the benefit of the engineering profession.

[Freyssinet Award – Building, Construction and Amenities](#)
David Hopkins

[Angus Award – Utilities and Networks](#)
Robert Blakemore

[Skellerup Award – Food, Bioprocess and Chemical](#)
Russell Burton

[Evan Parry Award – Electrical and Systems](#)
Michael Breckon

Fellows, Competence Assessments, Life Members, Obituaries

Fellows Elected

KV Alexander
GJ Alexander
IC Bond
MC Cairns
AJ Campbell
GW Chalmers
SA Crawford
R Crawford
RJ Davies
DM Elder
RI Fyfe
IJ Garrett
J Hammer
RJ Hutchison
AT Jackson
RD Jury
P Keenan
AG Macbeth
GJ Macdonald
KJ McManus
MW Oppenhuis
MJ Pedersen
AJ Read

DC Russell
JM Stark
JF Walsh
LE Zwimpfer

Members Passing Competence

Assessments

› Northland

ML Brill
P Clark
AJ Horton
SG Kelly
CFA Martin
WR Miller
ME Seakins
JW Stewart

› Auckland

AH Al-Dewani
IA Ansari
SC Ayris
AJ Ball
AS Beer
DS Bradley

CJ Burrows
KG Burrows
BJJ Callaghan
AG Campbell
SM Carter
PA Casey
AC Cato
PD Chapman
A Chelliah
HH Cheung
S Chia
TJ Conder
AL Crafer
ID Daly-Jones
CC Davidson
DC Dobbie
BJM Donnell
A Dos Santos
SC Dyne
D Easey
H Edmonds
MJ Erskine-Shaw
MK Fakir
BA Feary

RM Firth
D Fitzmaurice
SF Forbes-Brown
TB Fraser
DC Grimes
AC Hagstrom
SRR Harty
RL Hegley
JH Heywood
CJ Holtshousen
PF Huang
PW Ingram
SA Jemmett
MP Kaye
YR Khwaounjoo
BH Kirtlan
V Kiselev
PA La Roche
TQ Lam
HCJ Law
SV Leelaratra
JR Leitch
HP Maarschalk
MS Marshall

MJ Martin
A Morley
MA Peldmanis
BL Perkins
P Prakash
AGAS Premathilaka
FBA Rahman
MP Reed
BM Reeve
BP Rhynd
JA Robson
JMC Schady
BJ Sharman
WA Shumane
MA Smith
MR Smith
MS Smith
TJ Stone
I Sumner
KL Tan
SM Taylor
GJ Thomas
DJ Thomas
FF Tian

NHT To
B Veljanovski
J Venter
AJ Wallis
PP Wang
SD Weaver
JA Wedgwood
SN Wilkinson

HB Wilson
BD Winks
MK Wood
WTH Woods

› Waikato-Bay of Plenty – Hamilton

RJ Bax
D Griffen
TV Hills
SJ Hoekstra
S Lion-Cachet
NJ Wharmby

› Waikato-Bay of Plenty – Tauranga

WJ Bilbe
BA Everitt
NR Gurr
G Hall
GH Lanyon
DJ McMillan
GN Rundle

› East Coast

H Churton

› Hawkes Bay

GJ Newton
CJ Weston
BI Wylie

› Taranaki

DJ Andrews
JA Waterhouse

› Manawatu

P Bolton
SF Holoafolau
PM Mitchell
DG Napier
JA Waterhouse

› Wellington

H Arampamoorthy
GM Blackler
PE Bradshaw
SR Cartwright
SD Clark
RG Cole
JCC England
JP Flanagan
BH Fountain
MD Gillon
E Hogenhout
DM Hunt
ZD Lai
WJ Lancaster
MRE Lander
CD Lawrence
GA McKay
PC Mulqueen
AK Murashev
RW Parry
AH Pearson
NK Pradhan
KN Robertson
SL Sayers
CM Screech
MB Spooner
TJ Strang
GJ Struthers
RA van Lierop
BC Walter

› Nelson/Marlborough

AT Adams
KP McGrath
DV O'Brien
E Sagy
J Tomkinson› West Coast
CT Cosma

› Canterbury

RN Anthony
GA Birdling
JE Bretherton
RW Brown
DKL Chien
WDM Crombie
SG Ford
VN Gin
JHL Hendriks
L Howard
S Jay
GP Killick
RB Kingsford
RM Kippenberger
SJ Matheson
GN Melvin
AA Metherell
MW Milke
PK Morgan
NK Noble
K Ohlbock
GA Peebles
HR Pullar
KM Purton
PA Reed
DV Sharp
RW Shaw
MA Smith
ML Spillane
MR Treadgold
KM Ward
AN Wheeldon
AJ Wilkins
W Yu

› South Canterbury

BJ Sandison

› Otago

DJ Anderson
IK Banks
G Beattie
ME Collier
CA Ellis
PF Hugens
DJ Mulder
DE Railton
PK Silvester

› Southland

SP Barnes
C Barrow
DA Bruce
BJ Cooper
RH Corlett
AJ Smith

› Overseas

W T Andrew
MA Bates
AR Bradley
TJ Brook
ET Burke
RB Castillo-Barahona
RCG Cleeton
SL Devoy
DJ Fenton
BD Galloway
D Giroux
A Gough
RJW Granwal
CP Haas
WD Ladbroke
GI Lowe
M Pratt
JK Schulz
WS Sinclair
BG Sterling
G Sweetlove

Life Members Elected

(50 years' Membership)

FN Blackwell
AJ Boyd
DS Braithwaite
TN Costello
JS Craig
NM Crampton
RM Davis
EB Lapish
PJ Moss
JW Soundy
DH Thompson
MH White
WI Wood

Obituaries

M Arnold MIPENZ
B Dekker FIPENZ
B Dowick FIPENZ
WA Hardman FIPENZ
ED Kalaugher MIPENZ
TD Kershaw FIPENZ
NG Major FIPENZ
R O'Hagan MIPENZ
JW Parnham MIPENZ
DR Preston FIPENZ
RT Rutherford MIPENZ
N Sanders MIPENZ
PC Shapcott MIPENZ
JP Shelley MIPENZ
BM Swanson MIPENZ
Sir Angus Tait HonFIPENZ
JN Turnbull FIPENZ
NR White MIPENZ
G Wood FIPENZ

Leadership on National and Community Issues

To benefit New Zealand by presenting the perspectives of the engineering profession and demonstrating the roles of engineers in achieving national goals.

A. Public policy and media

- > The media programme profiles IPENZ as an institution of excellent reputation, and promotes the contribution that professional engineers, Members and IPENZ make to the sustainable social, economic and environmental outcomes of New Zealand.
- > IPENZ contributions on national and community issues with major engineering and technological significance are taken up and used by others in relevant policies and strategies.
 - Over 180 reports on IPENZ, its activities and Members appeared in New Zealand news media.
 - IPENZ initiated articles which featured in a range of publications, including *New Zealand Education Review*, *Education Gazette*, *Tukutuku Korero*, *New Zealand Listener*, *Te Mana Taiohi*, *New Zealand Engineering News*, *InRoads* and *The Dominion Post*.
 - Comment was provided to a range of broadcasters, including Radio New Zealand, RadioLive, TV3, Fresh FM and Radio Waatea.
 - Policy guides were developed to provide a process for Branches and Technical and Special Interest Groups wishing to contribute on relevant issues.
 - Work continued on research-based policy projects on water management, transport and science, and engineering and technology education. The latter project is being developed in collaboration with the Royal Society of New Zealand.
 - IPENZ collaborated on policy projects with Technology Education New Zealand, New Zealand Institute of Food Science and Technology, National Engineering Lifelines Committee, Business New Zealand and Canterbury Manufacturers' Association.
 - Meetings were held with the Minister and Associate Minister of Energy, and the Minister of Research, Science and Technology to raise issues identified by Members.

	Budget	Actual	%
Staff Hours	3225	3847	119%
Salary Cost	\$99,000	\$108,268	109%
Direct Expenses	\$35,000	\$34,088	97%
Income	-	-	-
Net Cost (Income)	\$134,000	\$142,356	106%

B. New Zealand Engineering Excellence Awards

- > The national engineering awards scheme identifies engineering excellence and demonstrates engineering's contribution to meeting the goals of the nation to the wider community and community leaders.
 - On 22 November 2006 the Prime Minister, three Cabinet Ministers, three other Members of Parliament, industry leaders, academics and representatives from government departments celebrated New Zealand's engineering excellence at Te Papa. A total of 425 people attended the awards night.
 - Planning for the 2007 event on 21 November continued.
 - The Association of Consulting Engineers New Zealand (ACENZ) became a partner organisation, joining the Electricity Engineers' Association (EEA), the New Zealand Centre for Advanced Engineering (CAENZ), INGENIUM and IPENZ. As a founding partner, IPENZ continues to heavily support the event, both financially and through staff time.

	Budget	Actual	%
Staff Hours	1890	1576	83%
Salary Cost	\$48,000	\$42,091	88%
Direct Expenses	\$145,000	\$130,650	90%
Income	(\$141,000)	(\$139,481)	99%
Net Cost (Income)	\$52,000	\$33,260	64%

Competence and Qualification Recognition

To ensure that internationally-benchmarked engineering qualification and competence quality marks are widely recognised and used.

A. Benchmarking, management and promotion of standards

- > IPENZ provides leadership in identifying and promoting solutions to national issues affecting engineering education and competence standards.
- > Through a process of ongoing review and development, IPENZ education and competence standards and associated policies and procedures continue to reflect best international practice and encompass the full engineering community.
- > New Zealand engineering education and competence standards match or lead international best practice through IPENZ acting as the New Zealand signatory to a range of international agreements.
- > IPENZ accreditation of engineering education programmes is conducted according to approved Accreditation Policies and Procedures.
- > Regulators, purchasers of engineering services and employers of engineering professionals understand the competence-based registers and IPENZ Membership classes and see them as a valid way to identify, classify and quality-mark competent engineering practitioners.
 - Current competence registers for engineering technologists (Engineering Technology Practitioner – ETPract) and engineering technicians (Certified Engineering Technician – CertETn) opened on 1 July.
 - National technician qualifications in civil, mechanical and electrical engineering were redeveloped and registered. The National Diploma in Civil Engineering (Applied), a work-based qualification recognising practical competencies, builds on a two-year academic diploma and directly aligns with the competence standard for Associate Membership (AIPENZ) and CertETn. Graduates will be eligible for AIPENZ and CertETn recognition without further assessment.
 - A Technician Education Standing Committee was established to oversee the development of standards and procedures for recognising technician education programmes (planned to occur in 2007–08) and gaining full signatory status under the Dublin Accord (2008–09).

- IPENZ representatives attended the International Engineering Meetings in Washington DC in June. IPENZ was appointed to provide professional secretariat services to each of the agreements. Our accreditation and competence assessment processes were successfully reviewed, which led to reaffirmed membership of the Washington Accord and Engineers Mobility Forum for a further six years. Basil Wakelin DistFIPENZ was elected Deputy Chair of the Engineers Mobility Forum.
- The accreditation programme was implemented in accordance with the schedule. Positive accreditation visits to the University of Canterbury and Unitec New Zealand were conducted.

	Budget	Actual	%
Staff Hours	4635	4609	99%
Salary Cost	\$170,000	\$168,280	99%
Direct Expenses	\$222,000	\$125,479	57%
Income	(\$100,000)	(\$123,947)	124%
Net Cost (Income)	\$292,000	\$169,812	58%

B. Chartered Professional Engineer

- IPENZ fulfils its functions as the Registration Authority for Chartered Professional Engineers, under the Chartered Professional Engineers Act 2002, by ensuring systems and procedures comply with the CPEng Rules and are administered effectively.
 - The CPEng register was managed throughout the year in accordance with the Act and Rules.
 - The annual report to the CPEng Council was produced in March. The Council's annual report noted its effective working relationship with the Registration Authority and its strong support for our efforts to promote CPEng.
 - In response to an appeal to it, the CPEng Council upheld the Registration Authority's decision to not register an applicant. This was the first formal appeal against a registration decision received by the Council.
 - IPENZ worked with the Department of Building and Housing (DBH) to develop licensed building practitioner (LBP) competence standards which will be included in LBP regime regulations.
 - IPENZ advised building consent authorities (BCAs) and the accreditation body for the BCA scheme on the use of CPEng in consenting processes.

Chartered Professional Engineer >

	Budget	Actual	%
Staff Hours	1590	1283	81%
Salary Cost	\$55,000	\$51,411	93%
Direct Expenses	\$70,000	\$91,462	131%
Income	(\$216,000)	(\$210,581)	97%
Net Cost (Income)	(\$91,000)	(\$67,708)	74%

Competence assessment >

	Budget	Actual	%
Staff Hours	2265	3440	152%
Salary Cost	\$54,000	\$76,372	141%
Direct Expenses	\$229,000	\$154,926	68%
Income	(\$346,000)	(\$238,641)	69%
Net Cost (Income)	(\$63,000)	(\$7,343)	12%

C. Competence assessment

- IPENZ maintains and implements relevant, rigorous and credible assessment processes and approval systems, on behalf of the engineering profession in New Zealand, for entry to a range of competence-based Membership classes and registers.
 - Engineers in New Zealand are informed, through a range of communication strategies, of the IPENZ competence standards and associated Membership classes and registers, and the application processes.
 - High levels of competence, achievement or service by engineering professionals are recognised by their peers through election to IPENZ Fellowship or nomination for service in governance roles.
- A total of 334 applications for entry to competence-based Membership classes or registers were received. Of these, 57 were processed through the credit schedule process, while 212 were from first-time applicants and typically involved an interactive assessment. Seventeen applicants required a knowledge assessment. An additional 70 assessment submissions for continued CPEng registration were received.
- A total of 236 competence assessments were completed during the year.
- Competence assessment forms and guidelines were significantly revised as part of the ETPract and CertETn register development. There is now a common set of application forms and guidelines for all competence-based Membership classes or registers. The "Join" and "Registers" sections of the IPENZ website were substantively improved.
- A total of 120 Staff Assessors and Practice Area Assessors attended training sessions on the new registers and consolidated application forms.
- Seminars were delivered around the country to advise Members on requirements for competence assessment. Prospective applicants were offered brief one-on-one tutorial sessions with an assessor.
- A number of in-house presentations were given to inform organisations about competence assessment processes. A number of Members expressed an interest in acting as assessors and actively promoting the new registers within their organisations.
- Twenty-nine Fellows, two Honorary Fellows and five Distinguished Fellows were elected according to approved procedures.

Professional Development Support

To provide professional development opportunities meeting the needs of Members at all stages of their careers.

A. Career development support

- IPENZ Members recognise the value of lifelong planning and commit to participating in professional development activities as a means of maintaining and enhancing their competence.
- The IPENZ Endorsed Employer quality mark is increasingly sought after by employers of engineers and results in greater investment by industry in engineering graduate training and development, and benchmarking to the IPENZ competence standards.
- IPENZ career development information services are used and valued by most Members.
- IPENZ professional development support services are used and valued by Members.
- Members with special needs are supported through facilitating the development of relevant communities of interest or Special Interest Groups.
- The review of the Endorsed Employer programme was completed and the new Professional Development Partner programme was ready to be launched at year's end. The new programme aims to form strong partnerships with employers to support the professional development of engineers at all stages of their careers. Fifteen expressions of interest were received from new companies and most existing Endorsed Employers committed to transitioning to the new programme.
- A Graduate Working Group was established to inform the ongoing development of IPENZ graduate services. Particular attention is being given to mentoring support and aligning our services with engenerate activities and the new competence assessment forms.
- Five modules were developed for an HR toolkit to assist employers with professional development, recruitment and retention.
- The 2007 IPENZ Remuneration Survey was well supported by Members, with over 2,000 responses.

	Budget	Actual	%
Staff Hours	2400	1768	74%
Salary Cost	\$79,000	\$55,549	70%
Direct Expenses	\$46,000	\$15,944	35%
Income	(\$4,000)	(\$5,180)	130%
Net Cost (Income)	\$121,000	\$66,313	55%

B. Provision of continuing professional development (CPD) opportunities

- The professional fee-paying development courses provided by IPENZ under the Enhancing Engineering Competence (EEC) brand are used by Members as a primary means of maintaining and further developing their competence.
 - Sixty-seven courses and seminars were held during the year with over 1,700 attendees.
 - IPENZ strengthened partnerships with Technical Interest Groups, tertiary education institutions, existing providers and course facilitators to extend the range of courses and seminars. Alternative delivery mechanisms, including computer-based training and distance learning, were investigated.
 - A new process for assessing CPD needs was introduced. Feedback from an online CPD survey will inform the direction of the course calendar throughout the year, supported by a CPD consultative group consisting of practising engineers and academics.
 - A new process for evaluating the effectiveness of events was introduced to provide immediate feedback on each course, and encourage attendees to reflect on the application of learning in their work.

	Budget	Actual	%
Staff Hours	1945	2091	108%
Salary Cost	\$57,000	\$60,853	107%
Direct Expenses	\$282,000	\$319,764	113%
Income	(\$370,000)	(\$493,032)	133%
Net Cost (Income)	(\$31,000)	(\$112,415)	363%

C. Qualification-assisted graduate development

- The obligations of two GIPI contracts are fulfilled, thereby providing access to a postgraduate qualification for ICT professionals and researching professional development needs at an undergraduate level in the ICT sector.
 - Both GIPI projects were completed within budget, in accordance with contract requirements. The need to develop quality marks and qualification accreditation for the ICT sector was demonstrated.

	Budget	Actual	%
Staff Hours	705	662	88%
Salary Cost	\$27,000	\$27,586	102%
Direct Expenses	\$56,000	\$54,207	97%
Income	(\$140,000)	(\$135,484)	97%
Net Cost (Income)	(\$57,000)	(\$53,691)	94%

Engineering Practice Support

To facilitate the development and recognition of good engineering practices and provide Members with tools that assist them to be more effective engineering professionals.

- IPENZ identifies emerging engineering practice issues and develops plans to deal with such issues in an authoritative manner.
- Timely and accurate engineering practice advice is given to Members and the public.
- Members have access to a comprehensive and up-to-date range of codes of practice and standards to support them in developing effective engineering solutions.
- New Zealand has a regulatory environment which is supportive of effective, efficient, ethical and innovative engineering practice.
- Members in all disciplines of engineering have improved access to a wide range of engineering knowledge through IPENZ learned society activities.
- Leading contributors to the development of engineering practice or the engineering profession are recognised through IPENZ awards for technical excellence or outstanding service.
- Members and the public have confidence that IPENZ deals with complaints against Members in a manner that upholds high ethical and competence standards, and deals effectively with any unacceptably poor performers.
- The Engineering Practice Board met five times during the year. The Engineering Practice Forum was held in May to establish priorities from a stakeholder perspective.
- Members of the public contacted staff about engineering practice issues on average twice a week. The Director – Engineering, Engineering Practice Manager, Manager – Ethics and Discipline or Registrar responded appropriately and in a timely manner.
- A total of 30 Members were nominated by IPENZ to serve on 27 committees establishing codes of practice. Nine Members were nominated to sit on Standards New Zealand committees.
- *Practice Notes* on ethical obligations, commissioning capital plant and urban design were published during the year.
- *Good Practice Guidelines for Risk Management of Software-based Systems* and *Good Practice Guidelines for Risk Management of Software-based Systems* were launched in

March by the Minister of Communications and Information Technology.

- The Fire Engineering Task Force’s report *Hot Topics* was published and launched at the Fire Protection Association conference in September.
- Three *engineering treNz* papers were published on the IPENZ website during the year.
- Submissions were made to parliamentary select committees on the Energy Safety Review and Building Amendment Bills. Submissions were made to the Department of Building and Housing on independent qualified persons, licensed building practitioners and the Building Code (including the Building Code review). Submissions were also made to the Electrical Workers Registration Board and Environmental Risk Management Authority.
- Awards were made in four categories of the Supreme Technical Awards for Engineering Achievers and The Turner Award for Professional Commitment at the 2007 Fellows’ and Achievers’ Dinner.
- The IPENZ Student Design Award was not awarded in 2007 because entries did not reach the standard expected. The criteria for the Student Design Award were revised in line with the activities of IPENZ-accredited degrees. The award was renamed the Ray Meyer Medal for Excellence in Student Design.
- Eighteen new complaints were received, 11 under IPENZ regulations and seven under CPEng Rules. Fifteen other complaints were under investigation as at 1 October 2006. Nineteen complaints were dismissed, including one by a Disciplinary Committee. Fourteen are still under investigation. Four new Investigating Committees were formed, making a total of 10 Investigating Committees that deliberated during the year.

	Budget	Actual	%
Staff Hours	5790	4514	78%
Salary Cost	\$238,000	\$180,190	76%
Direct Expenses	\$120,000	\$84,763	71%
Income	-	(\$2,291)	-
Net Cost (Income)	\$358,000	\$262,662	73%

Renewal of the Profession

To inform and enthuse New Zealanders about the benefit of careers in engineering and technology.

A. Futureintech and Transpower Neighbourhood Engineers Awards

- Through meeting the contractual obligations for Futureintech, the proportion of school leavers who actively consider undertaking tertiary education in technology, engineering or science is increased.
- The Transpower Neighbourhood Engineers Awards draws entries of high quality from a wide range of schools and is regarded by teachers as an important and useful educational activity.
- Engineering careers promotional material is distributed to Members on request.
- The funding agreement with New Zealand Trade and Enterprise for the Futureintech project was renewed for 2007–11. New sets of milestone tasks with quantitative targets were established.
- Over 270 Ambassadors were available to support curriculum-based activity or attend promotional events. Training sessions were held at least twice in all regions to ensure demand from teachers and careers advisors could be met. The 2007 calendar year target of 700 Ambassador visits to schools was expected to be reached by December 2007.
- Futureintech’s website was updated to facilitate access to profiles of young people working in technology, engineering and science, profiles of employers, information on tertiary study and scholarships, and regular updates on Futureintech’s activity on schools.
- Regular updates were provided to key stakeholders through monthly *enews* publications.
- New promotional brochures were published in collaboration with the Royal Society of New Zealand, Society of Chemical Engineers New Zealand, New Zealand Institute of Food, Science and Technology, Telecom New Zealand Ltd and Tait Electronics. The brochures provide profiles and career pathway information for students, parents, teachers and careers advisors.
- Nine Visiting Industry Professionals Scheme projects were funded, allowing senior professionals to spend up to three weeks in a tertiary education organisation to teach and/or advise on research and curriculum development.

- A new initiative called “Get Alongside a Career Advisor” was launched. Over 60 information packs were requested.
- A new Transpower Neighbourhood Engineers Awards brochure and website were launched.
- Four schools were awarded prizes in the 2006 Transpower Neighbourhood Engineers Awards. Eight schools submitted projects for judging and 31 schools had confirmed partnerships. Almost 70 schools registered an interest in taking part in the 2007 Awards and 50 undertook projects.

Futureintech >

	Budget	Actual	%
Staff Hours	15,375	15,779	103%
Salary Cost	\$469,000	\$479,998	102%
Direct Expenses	\$480,000	\$357,787	75%
Income	(\$1,500,000)	(\$1,341,242)	89%
Net Cost (Income)	(\$551,000)	(\$503,457)	91%

Engineering in schools >

	Budget	Actual	%
Staff Hours	780	648	83%
Salary Cost	\$16,000	\$15,570	97%
Direct Expenses	\$23,000	\$15,898	69%
Income	(\$25,000)	(\$23,733)	95%
Net Cost (Income)	\$14,000	(\$7,735)	55%

B. Techlink

- Through meeting contractual obligations to Ministry of Education and the Enterprise Culture, Skills and Activities Fund, teachers will have increased access to support materials in technology education.
- Fifty-nine case studies were published to support the planning and implementation of programmes in technology education. Twenty-six were on classroom practice, 25 were on technological practice and eight illustrated the link between schools and enterprises.
- Forty student showcases were published to highlight excellent student practice in technology education.
- Beacon Practice schools gave presentations to an invited audience at Parliament.
- A leaflet was published to increase awareness and understanding of technology education within key stakeholder groups.
- Twenty-two articles relating to technology education were written and published in a range of publications, including *New Zealand Education Review*, *The Dominion Post*, *Principals Today*, *e.nz magazine*, *Te Mana Taiohi* and *Education Gazette Tukutuku Korero*.
- Techlink remained e-government compliant and statistics showed an average number of 542 daily visitors to the site over the year – an increase of 80 per cent on 2006 figures.

	Budget	Actual	%
Staff Hours	6335	7304	115%
Salary Cost	\$138,000	\$215,897	156%
Direct Expenses	\$128,000	\$71,430	56%
Income	(\$518,000)	(\$550,622)	106%
Net Cost (Income)	(\$252,000)	(\$263,295)	104%

C. Engineering heritage

- The vital contributions of engineers to the historical and ongoing development of New Zealand are recognised, and recorded in a manner accessible to all New Zealanders.
- The National Engineering Heritage Committee and its Chapters in Otago/Southland, Christchurch and Auckland met every two months.
- Two oral histories were completed and are held at the Alexander Turnbull Library along with folders of original biographies of retired engineers.
- A letter was sent to the Museum of Transport and Technology to support an application for funding to restore the engineer’s cottage. Funding was given to the Hikitia Conservation Plan.
- The Otago/Southland Chapter participated in a heritage discussion forum led by Sir Neil Cossons (Chair of English Heritage).

	Budget	Actual	%
Staff Hours	360	324	90%
Salary Cost	\$9,000	\$7,194	80%
Direct Expenses	\$10,000	\$4,446	13%
Income	-	(\$3,649)	-
Net Cost (Income)	\$19,000	\$7,991	18%

Membership Development

To confirm the mandate as the national representative for the engineering professions by increasing the size and breadth of our Membership.

- Membership recruitment and retention programmes are identified and undertaken with a corresponding ongoing increase in IPENZ Membership numbers.
- Adjunct Member services are developed and promoted which provide additional benefits to Members beyond the core Membership benefits of the Institution.
- Information days for students were held at tertiary education organisations and Endorsed Employers. The Chief Executive presented to students at every IPENZ-accredited tertiary education organisation.
- IPENZ-branded bookmarks, post-it notes and fridge magnets were introduced.
- Information days for Members and prospective Members were held in main and regional centres.
- A new graduate leaflet was published incorporating the engenerate brand.
- A variety of adjunct services were made available to Members during the year.

	Budget	Actual	%
Staff Hours	1950	1648	85%
Salary Cost	\$45,000	\$44,759	99%
Direct Expenses	\$37,000	\$29,880	81%
Income	(\$3,000)	(\$13,080)	436%
Net Cost (Income)	\$79,000	\$61,559	78%

Institutional Leadership

To develop and maintain a relevant strategic plan, Institution Rules and classes of Membership.

A. Activities within New Zealand

- IPENZ meets its annual obligations under the Incorporated Societies Act for reporting and seeking approval of Members.
- IPENZ anticipates needs, consults with the Membership and subsidiary organisations, develops strategy and implements modern governance arrangements for the Institution and its subsidiaries.
- IPENZ builds and maintains a profile amongst key stakeholders.
- A project initiated by President which seeks to further develop a particular element of the Institution's overall strategy is performed each year.
- Business opportunities that allow IPENZ strategies to be advanced and generate further revenue are investigated and if advantageous secured.
- Fully audited accounts with an unqualified audit opinion were lodged with the Registrar of Incorporated Societies.
- A Special General Meeting was held to amend the Rules covering the composition of the Board. The Board election and Annual General Meeting were held in accordance with the Rules.
- The annual Branch and Technical Group Forum was held over two days.
- The Board met on eight occasions. It reviewed the strategic plan, developed a rolling three-year business plan, formalised a risk register, created a Performance and Remuneration Committee, and updated relevant policies and procedures.
- The Board held its annual stakeholder function for key chief executives and decision makers. The Chief Executive maintained relationships with 13 key government agencies.
- The engenerate Year of the Young Engineer President's project was launched at Convention 2007 and a number of regional groups were established.
- New funding exceeding \$6.0 million over four years was secured for the International Engineering Agreements secretariat, Futureintech and Techlink.

B. International activities

- The Institution uses international linkages to implement its international strategy in respect of global leadership by the engineering profession, and sharing best practice in engineering professional body governance and management.
- A project to support engineering standards in the Pacific Islands was initiated.
- IPENZ contributed to the activities of the World Federation of Engineering Organisations in relation to capacity building in developing countries, and constitutional change.
- Two meetings were held to share best practice with Engineers Australia's senior office holders and Chief Executive.
- Staff visited four United Kingdom-based institutions and Engineers Ireland to learn about their professional development activities.

Activities within New Zealand >

	Budget	Actual	%
Staff Hours	3095	3323	107%
Salary Cost	\$169,000	\$143,188	85%
Direct Expenses	\$152,000	\$133,713	88%
Income	-	-	-
Net Cost (Income)	\$321,000	\$276,901	86%

Year of the Young Engineer >

	Budget	Actual	%
Staff Hours	-	358	-
Salary Cost	-	\$13,004	-
Direct Expenses	\$225,000	\$75,200	33%
Income	-	-	-
Net Cost (Income)	\$225,000	\$88,204	39%

International activities >

	Budget	Actual	%
Staff Hours	315	94	30%
Salary Cost	\$18,000	\$7,193	40%
Direct Expenses	\$34,000	\$13,221	39%
Income	-	-	-
Net Cost (Income)	\$52,000	\$20,414	39%

Effective Support Systems

To underpin the provision of high quality services to Members, subsidiary organisations and key external stakeholders by employing staff and operating effective support systems of high integrity.

- > Stakeholders can communicate reliably and effectively with National Office using electronic communication tools in wide commercial use.
- > The software functionality underpinning the Membership record system is maintained and further developed to support existing activities and new initiatives.
- > Accurate records are created and maintained for all IPENZ Members and other stakeholders.
- > A modern financial accounting system is maintained and further developed to support existing activities and new initiatives.
- > Staff accommodation, office equipment and consumables befitting the professional image of IPENZ and meeting the needs of its staff are deployed.
- > Staff leave provisions are met.
- > Staff are well supported and have the opportunity to develop their skills and career aspirations in the IPENZ environment.
- > Well-managed and effective contracted services are maintained with organisations whose needs can be met in a manner that is consistent with IPENZ's own internal service requirements.
- > Revenue is obtained by responding to the desires of non-member stakeholders to engage with our Members through advertising and promotional opportunity, provided that delivery is in association, but not interfering, with our services to Members.
- Further enhancements were made to IT disaster recovery capabilities.
- Guidelines for the use of IT services were completed.
- Standard and dynamic database reporting for both internal and external purposes was substantially developed. Significant database development work was initiated in preparation for a significant increase in the number of CPEng continued registration assessments due in 2008. This involved research, analysis, specification and documentation phases.

- Websites for the International Engineering Agreements secretariat and Futureintech were developed. The "Registers" and "Awards" areas of the IPENZ website were redeveloped.
- Survey results showed that Members, contracted groups, Technical Interest Group and Branch officials continued to receive good service.
- Member details on the IPENZ database were maintained in a timely manner. Postal codes were updated to reflect the new system introduced by New Zealand Post.
- Building signage was upgraded to reflect the change in visual identity.
- The layout and fitout of National Office was reworked to meet the organisation's needs.
- More efficient and cost-effective timesheet recording and payroll processes were introduced.
- Sales and advertising revenue exceeded budget.

	Budget	Actual	%
Staff Hours	35,165	35,236	100%
Salary Cost	\$964,000	\$947,561	98%
Direct Expenses	\$1,231,000	\$1,020,236	83%
Income	(\$2,943,000)	(\$3,128,695)	106%
Net Cost (Income)	(\$748,000)	(\$1,160,898)	155%

Multi-goal Activities

A. Publications and web services

- > *e.nz magazine* is viewed as New Zealand's leading authoritative journal covering innovative engineering and technology projects of significant achievement.
- > *engineering direct* is valued by the profession for providing up-to-the-minute news across the range of Membership services and advertising of relevant professional development and career and other service opportunities.
- > *engineering dimension* is valued by Members as their primary source of information on Institutional activities and gives Members confidence in the activities of the Institution conducted on their behalf.
- > The IPENZ website is a key information resource for Members and wider stakeholders, and allows them discretionary opportunities to select and purchase services or interact with other members of the IPENZ family.
- *e.nz magazine* continued to meet its charter with all issues distributed on time. Most issues incorporated a specific theme (such as transport, energy, building/construction and ICT) and a range of other articles to ensure that different disciplines are represented.
- *engineering direct* issues were distributed on time, delivering the latest news and information to Members. The publication's design was refined in February to better reflect the IPENZ brand.
- *engineering dimension* issues continued to meet their charter and were delivered on time. The publication was redesigned in July and expanded to include at least 12 pages in each issue and new features such as a regular column on ethical issues.
- The website was continually re-worked and updated to keep pace with improving technology and improve Members' access multiple services.

	Budget	Actual	%
Staff Hours	6710	6511	97%
Salary Cost	\$171,000	\$171,880	95%
Direct Expenses	\$381,000	\$322,615	85%
Income	(\$336,000)	(\$388,503)	116%
Net Cost (Income)	\$226,000	\$105,992	47%

Branch, Technical and Special Interest Group, and Collaborating Technical Society Support

B. IPENZ Convention

- › The annual IPENZ Convention is recognised and supported by a wide range of Members as a key networking event with a relevant and informative programme.
- Convention was held in conjunction with the Fellows' and Achievers' Dinner from 21–23 March 2007 at the Hyatt Regency Hotel in Auckland.
- Despite considerable efforts to publicise the event, attendance was poor. Those who attended provided positive feedback.

	Budget	Actual	%
Staff Hours	1600	1731	108%
Salary Cost	\$41,000	\$49,057	120%
Direct Expenses	\$134,000	\$219,880	164%
Income	(\$195,000)	(\$164,471)	84%
Net Cost (Income)	\$20,000	\$104,466	-522%

- › Support is provided to Branches so that they can better service their Members through relevant and interesting programmes of activities within each Branch.
- › Administrative support is provided to Technical and Special Interest Groups on a cost-recovery basis so that they can provide services to their members in an effective and efficient manner.
- › Effective, mutually beneficial relationships are developed and maintained with Collaborating Technical Societies and kindred bodies.
- The 2007 Pickering Lecture series featuring speaker Steve Reindler (General Manager – Engineering at Auckland International Airport) was held in September. Lectures were hosted in Northland, Auckland, Waikato, Tauranga, East Coast, Hawkes Bay, Taranaki, Wanganui, Manawatu, Wellington, Nelson/Marlborough, Canterbury, Otago and West Coast.
- A survey of subsidiary organisations showed wide acceptance of service quality.
- During his 2007 President's Visits to Branches, the President spoke about issues facing the profession today and the need for communities to recognise and use engineers' skills.
- Local Board Members were accompanied by the Chief Executive on visits to Branches to engage with Members firsthand and speak about governance and administration developments.
- The Civil Engineering Testing Association of New Zealand and the New Zealand Concrete Society became IPENZ Collaborating Technical Societies.

	Budget	Actual	%
Staff Hours	2745	2654	97%
Salary Cost	\$78,000	\$75,667	97%
Direct Expenses	\$199,000	\$215,109	108%
Income	(\$13,000)	(\$4,064)	31%
Net Cost (Income)	\$264,000	\$286,712	109%

Branches describe the highlights of their activities in terms of outcomes against the following categories:

- events for Members
- activities in the community
- engenerate
- activities related to schools
- contribution to the profession

Auckland

Budget: \$59,000

Actual: \$60,903

Events for Members: Branch activities included public lectures, a site visit, a presentation by the President of the World Federation of Engineering Organisations, the Chair's Reception, and the New Zealand Young Engineer of the Year presentations.

Activities in the community: The Pickering Lecture was attended by more than 300 Branch Members and members of the public. The Branch sponsored the New Zealand Society for Sustainability Engineering and Science "Walking and Talking Sustainability" conference held in February. The Branch Committee agreed to support Community Relief through Engineering Work (CREW) and its trip to Samoa.

engenerate: The launch of engenerate was held mid-way through the year and was well attended. The Branch Committee supported the engeneration to achieve its goals by allocating a Committee Member to work with the group. engenerate representatives attended Branch Committee meetings.

Activities related to schools: The Branch maintained a strong relationship with local Futureintech representatives through continuing committee meeting contact and by publishing articles in the monthly bulletin.

Contribution to the profession: The Branch worked collaboratively with local Technical and Special Interest Groups when arranging meeting and event dates. The Branch Committee reviewed the scholarships available to the five Auckland tertiary education institutions to maximise its contribution to the profession. Some Branch accumulated funds were allocated to scholarships and a large contribution was made to the IPENZ Foundation. The Branch hosted a visit from the Chief Executive with the local Board Member and a welcome for the President.

Canterbury

Budget: \$21,000

Actual: \$23,141

Events for Members: The Branch held 40 events, including a number of public lectures and visits from the Presidents of the Institution of Civil Engineers and World Federation of Engineering Organisations. In addition there were three purely social evenings for IPENZ Members, four events held in conjunction with Environmental Science and Research, three site visits and the Ambrose golf tournament.

Activities in the community: Around 1,800 Members and associates attended presentations and events supported by the Branch. The Pickering Lecture, the Hopkins Public Lecture (with the University of Canterbury) and the Brunel Public Lecture (with the Institution of Civil Engineers) all attracted good audiences. In addition to the schools' Antarctic presentations, an evening lecture was held for the general public.

engenerate: engenerate Canterbury held four events including the launch in May.

Activities related to schools: The Antarctic presentations to schools by Will Steger attracted approximately 1,600 students. They were held in conjunction with Christchurch's celebrations of 100 years of New Zealand involvement in Antarctica.

Contribution to the profession: The Branch hosted the Chief Executive and Board Member visit. The Chairman represented the Branch and presented its views at the annual Branch and Technical Group Forum. The Branch Committee cultivated a good working relationship with the two student engineering groups at the University of Canterbury.

Hawkes Bay

Budget: \$4,000

Actual: \$5,486

Events for Members: Branch events included the annual lunch and mid-winter dinner, site visits to a new road overbridge on the Hawkes Bay Expressway and Pultron Composites Ltd (the latter with East Coast Branch), and presentations on wind energy, and living and working in Dubai. In September four Graduate Members presented interesting aspects of their projects.

Activities in the community: Sixty people attended the Pickering Lecture. Following a submission from a Branch Member, the Branch Committee resolved to respond to advertisements from a technology company that were disparaging to professional engineers. As a result the advertisements were modified.

engenerate: A local Graduate Member established contact with young engineers and arranged an initial social event to kick-start the Hawkes Bay engeneration.

Activities related to schools: Branch Members assisted the local Futureintech Facilitator to identify Ambassadors for school visits and assisted with local school events. The Branch donated a book prize and provided judges to support the local science fair.

Contribution to the profession: The Branch Chairman attended the Branch and Technical Group Forum in Wellington. A Board Member and the Chief Executive visited the Branch and stopped in Wairoa to meet four local IPENZ Members. The Branch hosted the President in August.

Manawatu

Budget: \$5,000

Actual: \$4,433

Events for Members: Guest speakers at monthly meetings covered a wide range of current and historic engineering topics. Site visits were made to Almadale Water Treatment Plant in Fielding, a meatworks facility in Marton (a combined event with the Wanganui Branch), and Loaded Hog brewery in Levin.

Activities in the community: The Branch hosted the Pickering Lecture in September and about 35 people (both IPENZ Members and non-members) attended the event.

engenerate: The local engenerate group had a slow but successful start. Events included a competence assessment seminar and a poker night, in addition to general networking and discussion.

Activities related to schools: The Branch sponsored three prizes at the annual Manawatu Science and Technology Fair and three IPENZ Members were judges for the event. Branch Committee Members arranged site visits by high school students to engineering facilities in the region. The Branch awarded two scholarships for first-year study in engineering and technology at Massey University. The IPENZ Foundation / Manawatu Branch 2007 Scholarship was awarded.

Contribution to the profession: The Branch continued to publicly advertise its premier events and include local organisations and community groups in its meetings where appropriate. A Massey University student representative attended the Branch and Technical Group Forum in Wellington with the Branch Chair. National Office staff held two competence assessment road shows in Palmerston North. The Branch hosted visits by the President and by the Chief Executive and the local Board Member.

Nelson/Marlborough

Budget: \$4,500 **Actual: \$4,843**

Events for Members: The Branch held its Annual General Meeting, and made site visits to the Mount Campbell transmitter, Nelson City Council water treatment plant, and an MDF plant with the Timber Design Group. It hosted presentations on slips, lakes and floods, and schools liaison.

Activities in the community: The Pickering Lecture was well received by the audience of about 60 people.

engenerate: The Branch held the annual young engineers' presentation evening.

Activities related to schools: The Branch was invited to visit sites in Marlborough accompanied by local school students.

Contribution to the profession: The Chairman represented the Branch at the Branch and Technical Group Forum in Wellington.

The Branch hosted visits and presentations from the President and from the Chief Executive and a Board Member.

Northland

Budget: \$3,500 **Actual: \$3,974**

Events for Members: The Branch held six meetings during the year, including a Christmas dinner, a presentation by MP Phil Heatley, a visit by the IPENZ President, and site visits to Marsden Cove Ltd's marina development and the Northern Gateway Alliance's northern motorway extension.

Activities in the community: The Pickering Lecture attracted an audience of more than 40 people.

Activities related to schools: The Branch awarded scholarships totalling \$4,000 to five engineering students.

Contribution to the profession: The Branch was represented at the Branch and Technical Group Forum held in Wellington. The Branch hosted a visit from a Board Member and the Chief Executive.

Otago

Budget: \$5,500 **Actual: \$4,585**

Events for Members: Five Branch meetings were held during the year. Each of the meetings was attended by 20–30 people with guest speakers presenting on a range of topics, including Dunedin Airport, carbon credits, Antarctica and environmental architecture. The Branch made site visits to the Tahuna outfall pipeline, White Hill wind farm and Mt Allan Forest. Two seminars and a training course were held in Dunedin.

Activities in the community: The Pickering Lecture attracted an audience of approximately 40 people. The Institution of Engineering and Technology and Institution of Electrical and Electronics Engineers Prestige Lecture 2007 on inductive power transfer was promoted to and well attended by Members.

engenerate: An engenerate group was formed during the year. Events included a presentation on climbing in Southwest China

and a planning seminar on working holidays in the United Kingdom.

Activities related to schools: The Branch sponsored a prize at the Dunedin Science and Technology Fair. Branch scholarships of \$5,000 were awarded to two students studying engineering at the University of Canterbury in 2008. The Branch hosted a bus trip for senior high school students interested in pursuing a career in engineering. The bus trip visited the Southern water treatment plant, Fisher and Paykel, and Farra Engineering. The Dunedin Futureintech Facilitator attended Branch meetings.

Contribution to the profession: The Branch hosted a visit by a Board Member and the Chief Executive. A session with a competence assessor was organised to assist those working towards competence-based registration and Membership.

South Canterbury

Budget: \$1,500 **Actual: \$1,983**

Events for Members: The 2006 Annual General Meeting featured presentations from Alpine Energy Ltd and Timaru District Council on their organisations' response to 2006's record snowfall in South Canterbury. Other presentations during the year included those on re-using demolition materials and producing biodiesel from algae collected from the Christchurch oxidation ponds.

Activities related to schools: The Branch funded a prize at the South Canterbury Schools Science Fair. The Branch offered a \$500 scholarship to a local school leaver studying engineering at university in 2008.

Contribution to the profession: The Branch hosted an evening with the President and a visit by a Board Member and the Chief Executive.

Southland

Budget: \$2,000 **Actual: \$1,785**

Events for Members: Events arranged included a visit to the White Hill wind farm, a meeting about competence assessment, a video evening and a road trip to the Pickering Lecture in Dunedin.

Activities in the community: An engineering student and cadet group was formed to provide a forum for young people in training to meet and network. The group kicked off with a ten-pin bowling night and supper.

engenerate: The Southland engenerate group was officially launched in August. The 30 people who attended were addressed by Invercargill Mayor Tim Shadbolt who recounted some of his experiences with engineers during his working life. The engenerator gave a well-received presentation on the purpose of the engenerate programme.

Activities related to schools: Branch Members staffed a stand at the Southland High Schools' Careers Expo to give attendees a better understanding of the opportunities a career in engineering can provide. Branch Members were also involved in arranging and hosting the annual Engineering Careers Day bus trip, where 22 senior students visited various industries around Southland and were addressed by engineers working on those sites. Pupils at Otatara School in Invercargill won a merit award in the 2006 Transpower Neighbourhood Engineers Awards for their outdoor chess and checkers board project.

Contribution to the profession: The Branch Chairman attended the Branch and Technical Group Forum in Wellington. The Branch hosted an evening with the President and a visit by the Chief Executive and a Board Member.

Taranaki

Budget: \$4,500 Actual: \$4,202

Events for Members: Ten events with technical, general interest and social themes were organised. Presenters discussed topics such as advances in modern concrete, high-resolution marine weather forecasting, the installation of the Pohokura offshore platform, the history of oil exploration in Taranaki and quantum computing. The annual wine tasting evening was well attended, as was the Branch dinner with speaker Transport Safety Minister the Hon Harry Duynhoven.

Activities in the community: The Branch continued to be involved with the New Plymouth District Council's land supply policy. The Pickering Lecture had a good turnout from the general public with an audience of more than 50 people.

engenerate: A social evening was held for students and graduates before the engenerate initiative began. A sub-committee of young engineers formed and planned events, including a beach sports get-together and a mentoring talk.

Activities related to schools: The Branch again sponsored a technology prize at the annual Science and Technology Fair. The Branch also helped co-ordinate mentoring support for New Plymouth Girls' High School's technology classes.

Contribution to the profession: Graduate Members gave presentations on work they had undertaken and a prize was awarded for the best presentation. A competence assessment information session was held, with advice on applications and preparation available from an assessor. The Chief Executive and Vice President visited the Branch and the Branch Chair attended the Branch and Technical Group Forum in Wellington.

Tauranga

Budget: \$5,500 Actual: \$5,307

Events for Members: The Branch held three site visits and seven meetings with speakers. Site visits included trips to the Fonterra plant, the Bay of Plenty electricity cogeneration plant at Edgecumbe, and local projects of community interest such as the new Southern Cross hospital and a tunnel drilled in poor ground to drain stormwater from a flood-prone area.

Activities in the community: A number of presentations covered local projects. Two presentations were on matters of national interest by local Members who are involved in their capacity as senior members of the profession.

engenerate: Three events were held to especially cater for the engeneration, including a project presentation evening and an overnight ski trip. The Branch Committee co-opted three engenerate Members.

Activities related to schools: The Branch was involved with the local intermediate school science fairs, awarding prizes to the best project from each school and to the library of the overall "best school".

Contribution to the profession: The Chairman attended the Branch and Technical Group Forum in May. The Branch hosted the Chief Executive and a Board Member. The President's visit was another well-attended meeting.

United Kingdom

Budget: \$6,000 Actual: \$6,388

Events for Members: The Branch held a range of events for Members. These included a Christmas soiree hosted by Engineers Australia, a technical talk on the Halley VI United Kingdom Antarctic base, a visit to the London 2012 Olympic park site, an ANZAC Day softball challenge against Engineers Australia, the Annual General Meeting with a presentation on the London 2012 Olympic aquatic centre design, a family barbecue, and a graduates' evening that provided Professional Membership information.

Waikato

Budget: \$12,500 Actual: \$9,242

Events for Members: Branch meetings during the year included a site visit to the Taupo race track, an evening jointly hosted with the Australian Pulp and Paper Industry Technical Association and the Society of Chemical Engineers New Zealand, a "women in engineering" lunch, the annual dinner and a site visit to PowerBeat International Ltd.

Activities in the community: The Branch continued its sponsorship of tertiary engineering students with the University of Waikato scholarship and design award, and the Wintec scholarship. The Pickering Lecture was hosted in Hamilton and attracted a good audience.

engenerate: engenerate activities included several competence assessment workshops, "introduction to IPENZ" sessions for

recent graduates, a site visit to the University of Waikato's driving simulator, a social pool competition and the annual Brian Perry Civil / engenerate presentation competition.

Activities related to schools: The Branch supported the Bay of Plenty Science and Technology Fair.

Contribution to the profession: The Branch was represented at the Branch and Technical Group Forum and hosted a visit by a Board Member and the Chief Executive. The Branch contributed to the discussion on a proposed code of practice for volunteers.

Wanganui

Budget: \$2,000 Actual: \$2,600

Events for Members: The Branch held 14 events during the year including site visits to the Masterfoods pet food facility, International Malting in Marton, the Wanganui wastewater plant (twice) and the new Whanganui Base Hospital facilities. Evening meetings included presentations on the lahar threat, Road Safety 2010 and younger Members' presentations on drainage and roading maintenance. The Branch hosted the annual golf tournament.

Activities in the community: The Pickering Lecture attracted an audience of more than 50 and was publicised in the local media. The Branch initiated work on a series of articles profiling local engineering projects and the IPENZ Members involved with them.

engenerate: engenerate's focus was getting the small group of younger Members together at a social level. More formal activities included the younger Members' presentation evening and joining the Manawatu engenerate group for a competence assessment information session.

Activities related to schools: Two Members continued their involvement with the Neighbourhood Engineers programme in schools. Schools were personally invited to attend the Pickering Lecture. The local Technology Education New Zealand co-ordinator attended Branch meetings and the Branch newsletter advised members about Futureintech activities and contacts.

Contribution to the profession: The Branch was represented at the Branch and Technical Group Forum and hosted the President's visit as well as that of the Board Member and Chief Executive. The Branch hosted an information session with an assessor for Members seeking to progress towards competence-based registration and Membership.

Wellington

Budget: \$24,000 Actual: \$22,226

Events for Members: Eight events were held during the year. The Branch hosted the Institution of Civil Engineers Brunel Lecture, combined with the Institution of Engineering and Technology and the Institution of Electrical and Electronics Engineers for a breakfast, visited the Silverstream wastewater storage facility, and facilitated a presentation on sustainable energy.

Activities in the community: The Pickering Lecture in August had over 100 attendees. The Branch contributed \$500 towards the restoration of Wellington's floating crane, the *Hikitia*.

engenerate: engenerate events in Wellington were well attended and focused on the Meridian building, aviation, wind turbines, a pool competition, and a young professionals ball. The key event this year was the mid-winter dinner to launch engenerate which was attended by 75 young engineers and IPENZ representatives.

Activities related to schools: The Branch sponsored prizes worth \$700 at the Wellington College Science Fair and \$1,000 at the NIWA Science and Technology Fair. The Branch awarded a \$1,500 scholarship to a student studying engineering at Massey University in Wellington.

Contribution to the profession: The Chairman represented the Branch at the IPENZ Branch and Technical Group Forum. The Branch hosted the President.

West Coast

Budget: \$1,500 Actual: \$1,041

Events for Members: The Branch organised several events and meetings including a site visit to a local steel fabricator and visits to local engineering contractors involved with the major coal mining developments on the West Coast.

Activities in the community: The Branch provided opportunities for the wider community by hosting the Pickering Lecture which was well attended by both the public and members.

engenerate: The Branch organised a presentation from National Office, in conjunction with the engenerate initiative, to provide guidance to graduates on the competence assessment process, requirements for submissions and mentoring. The Branch continued to support the development of young engineers with a committee structure that ensured graduate engineers are represented at Branch level.

Activities related to schools: Two Graduate Members acted as Neighbourhood Engineers for Awahono School in Ahaura to provide guidance and advice on the construction of go-carts for students aged between five and 12 years.

Contribution to the profession: A local Board Member gave a presentation to the Branch in conjunction with the Chief Executive's visit. The Branch also hosted the President's visit.

Groups report their activities with a focus on outcomes in the following categories:

- events for members
- codification and development of engineering knowledge
- submissions and representation
- contribution to the profession

Maintenance Engineering Society of New Zealand

Events for members: The Society held two separate conferences for members.

Contribution to the profession: The Society worked with the Society of Maintenance and Reliability Professionals (United States) to implement certification for maintenance practitioners in New Zealand.

New Zealand Coastal Society

Events for members: Regional meetings were held throughout the year in Auckland, Hamilton and Christchurch, including a visit by Professor Tarmo Soomere, an international professor in engineering from Estonia. Event guidelines were developed for regional co-ordinators.

Codification and development of engineering knowledge: The Society's annual conference took place in Kaikoura in November 2006, attended by 137 delegates. Keynote speakers presented papers on a range of issues including Ngai Tahu development aspirations for the Kaikoura Peninsula. The Society awarded its first life membership to John Duder. Society members attended the 2007 Australasian Coasts and Ports conference in Melbourne in July. Planning was undertaken for the next Coast and Ports conference to be held in Wellington in September 2009.

Contribution to the profession: The Society was represented at the IPENZ Branch and Technical Group Forum held in Wellington. *Coastal News* was published three times during the year. A members-only area was established on the Society's website. The Society's *Email Digest* was established and sent to members every two weeks. Two \$500 contestable student travel grants were awarded to student members to attend the annual conference in Kaikoura. A student research scholarship was established, offering \$5,000 towards masters and doctorate study in a coastal-related field.

New Zealand Society on Large Dams

Events for members: Planning was undertaken for the combined conference with the Australian National Committee on Large Dams to be held in Queenstown in November 2007.

Codification and development of engineering knowledge: NZSOLD drafted an addendum to the November 2000 edition of the *Dam Safety Guidelines* to reflect and align with the Building Act 2004's new regulatory regime for dam owners. The Society's Chairman represented New Zealand at the International Committee on Large Dams' Annual General Meeting in St Petersburg in June.

Submissions and representation: NZSOLD was represented on the Department of Building and Housing's Regional Authority Working Group examining the implementation of the Building Act 2004's dam safety requirements and preparation of regulations. A submission was made to the Parliamentary select committee on amendments to the Building Act 2004 covering dangerous, flood-prone and earthquake-prone dams. Submissions were made to most regional councils on dangerous dam policies.

Contribution to the profession: The Chairman and Technical Secretary represented NZSOLD at the IPENZ Branch and Technical Forum Group in Wellington.

New Zealand Society for Sustainability Engineering and Science

Events for members: Nearly 200 people attended the Talking and Walking Sustainability conference held in February, including a contingent of American academics, researchers and students supported by the National Science Foundation.

Codification and development of engineering knowledge: Professor Peter Guthrie of the Centre for Sustainable Development at Cambridge University gave public lectures in Wellington and Christchurch. A course on life cycle analysis was run in Auckland and Christchurch. The Society co-hosted an invitation-only workshop with the National Science Foundation entitled "Frontier Research Directions and International Collaborations in Sustainability Engineering and Science". It was attended by international and national keynote speakers, students and National Science Foundation-nominated researchers.

Contribution to the profession: Two forums were held, one on cars and congestion and one on carbon trading. The Society sponsored the University of Auckland students for sustainability group, NEXUS, which organised a students' day entitled "Joining the Dots".

Road Transport Certifying Engineers

Events for members: The group held two regional meetings or mini-conferences during the year dealing with topical technical and regulatory matters. The annual conference took place in Nelson in October. Guest speakers gave presentations on heavy vehicle crash investigations, use of the national vehicle database, and a new heavy vehicle brake calculator under development.

Codification and development of engineering knowledge:

Codes of practice dealing with chassis extensions, crane mounting and tipper-body mounting were reviewed and progressed.

Submissions and representation: The group made a submission to Standards New Zealand on the final draft revision of NZS 5446 Heavy Vehicle Towing Connections – Drawbar Trailers.

Contribution to the profession: The group organised and held two short courses and seminars during the year on mounting of knuckle-boom cranes on trucks and accessing technical information in the national vehicle database. The Executive Officer attended the IPENZ Branch and Technical Group Forum held in Wellington.

Society of Fire Protection Engineers

Events for members: Monthly meetings were held in Auckland, covering a wide variety of technical topics. The Annual General Meeting was held in November, and included a presentation on lessons learned from the World Trade Centre collapse. SFPE's technical publication *45 South* was published twice. The Society collaborated with the Fire Protection Association to hold a one-day event covering professional fire engineering issues at the Fire Protection Association annual conference. Branches in Wellington and Christchurch organised technical meetings for members in these regions.

Codification and development of engineering knowledge: SFPE-appointed members served on a range of Standards Committees. SFPE was also represented on the Standards New Zealand Fire Protection Advisory Group and the recently-formed Standards Committee on Fire Protection for Secure Detention Facilities. SFPE members contributed to the third edition of the *New Zealand Fire Engineering Design Guide*, to be published by the New Zealand Centre for Advanced Engineering. SFPE members were prominent on the committee that re-wrote Clause F6 of the Building Code (Visibility in Escape Routes), published in July.

Submissions and representation: SFPE members were involved in discussions with the Department of Building and Housing on the development of the new Building Code. SFPE made submissions to the New Zealand Fire Service on the *Guide to Fire Fighting Facilities in Buildings*.

Contribution to the profession: An SFPE representative attended the IPENZ Branch and Technical Group Forum in Wellington. A key contribution this year was the publication of the IPENZ Taskforce on Fire Engineering's report in August.

Transportation Group

Events for members: Each branch held a number of meetings during the year with a wide variety of local, national and, where possible, international speakers. Four issues of the Group's main publication *Roundabout* were produced and material on the Group's webpage was extended. The annual Transportation Conference took place in Tauranga in October and was well attended. The conference included workshop sessions and presentations of more substantial papers describing research or developments in transportation engineering practice. Members attended the NZ Trips and Parking Database Bureau's Travel and Parking Workshops throughout the country.

Codification and development of engineering knowledge:

The National Committee approved the establishment of a new Transport Modelling Focus Group which will provide an important role in modelling systems used for traffic and transportation engineering and planning.

Submissions and representation: Group Members were represented on Land Transport New Zealand's Traffic Control Devices Steering Group which provides overall guidance and strategic direction for the development and maintenance of the Traffic Control Device Specifications and *Manual for Traffic Control Devices*. The National Committee made a submission on the Land Transport Rule: Omnibus Amendment 2007 (Rule 10003). Initial work got under way on changing priority rules, building on the work undertaken by the previous Management Committee.

Contribution to the profession: The National Chair represented the Group at the IPENZ Branch and Technical Group Forum held in Wellington. The National Committee supported grants to members to attend various conferences and workshops (for example, the Australian Institute of Traffic Planning and Management annual conference), provided a substantial study award to research overseas practices, and provided funding for overseas experts to make presentations to branches. 3M New Zealand agreed to continue sponsorship of the annual 3M Traffic Safety Innovation Award. The National Committee worked closely with members of the previous Management Committee on the preparation of a history of the Group.

Societies report their activities with a focus on outcomes in the following categories:

- events for members
- codification and development of engineering knowledge
- submissions and representation
- contribution to the profession

Civil Engineering Testing Association of New Zealand

Events for members: After forming in 2007, the Association created a newsletter and established regional activities.

Development work was undertaken for a conference to be held in Auckland in 2008.

Codification and development of engineering knowledge:

The Association's technical issues working group developed a standard for aggregate compaction testing. A national inter-lab proficiency testing schedule was established in association with IANZ. The Association was represented at a presentation to Gisborne District Council aimed at helping contractors deal with marginal soil types.

Contribution to the profession: The Chair attended the Branch and Technical Group Forum held in Wellington.

Energy Management Association of New Zealand

Events for members: The Association held monthly executive meetings via tele and videoconferencing and regular subcommittee meetings. A regular newsletter and the website kept members updated on meeting outcomes and relevant industry information. Monthly presentations were held nationwide via tele and videoconferencing.

Codification and development of engineering knowledge: The Association contributed to the Energy Efficiency and Conservation Authority-sponsored *Energy Audit Manual New Zealand*.

New Zealand Institution of Gas Engineers

Events for members: The 2007 Spring Technical Seminar "Gas: a New Era" and 83rd Annual General Meeting were held in Wellington in September. Newsletters were sent out in June and December 2006 and April 2007 to keep members informed of institution activities and provide general information on the gas industry.

Codification and development of engineering knowledge: The institute's council continued its involvement with and received regular reports from Standards New Zealand, Gas Association of New Zealand, Institution of Gas Engineers and Managers (UK), Gas Appliance Suppliers Association of New Zealand and the Gas Industry Training Organisation.

New Zealand Society for Earthquake Engineering

Events for members: A quarterly technical bulletin was sent to all members and the Society's website was maintained. The annual conference "Performance By Design – Can We Predict It" was convened.

Codification and development of engineering knowledge: A reconnaissance team was sent to inspect the aftermath of the Peru earthquake. The Society published *Assessment and Improvement of the Structural Performance of Buildings in Earthquakes* for use in New Zealand as a complement to the Building Act and supported seminars to train practitioners in its use. The development of post-earthquake recovery procedures was supported. Members were encouraged to contribute in international forums.

Submissions and representation: The Society monitored public policy activities and worked with IPENZ to make an informed professional contribution and technically sound statements on high profile issues.

Contribution to the profession: The Society was actively involved with the International Association in Earthquake Engineering and worked with sister organisations internationally on topics of common interest.

Structural Engineering Society New Zealand

Events for members: Papers of interest to practising structural engineers were published in the SESOC *Journal*. SESOC *News* was introduced to keep members informed about SESOC activities and encourage their involvement. A prestressed concrete seminar was held in Auckland in February.

Codification and development of engineering knowledge:

Design software for reinforced concrete beams was developed and planning began for an introductory seminar to be held in New Zealand's main centres. Individual members worked on Standards Committees to amend current building design standards.

Submissions and representation: A submission was made to the Department of Building and Housing on the proposed changes to the Building Code that directly affect structural engineering. A comprehensive response to the IPENZ Task Force Report on Structural Engineering was published in the SESOC *Journal*, identifying items for ongoing study and action by SESOC. Other major issues that were considered and commented on included CPEng assessment and the competency of engineers, the peer review process, and confidential reporting of structural safety problems.

Contribution to the profession: SESOC life member Esli Forrest was presented with the SESOC Award for Engineering Excellence. A co-operation agreement between SESOC and the United Kingdom-based Institution of Structural Engineers (IStructE) was signed early in the year to formalise the relationship between the two structural engineering groups.

IPENZ Foundation

All IPENZ Foundation funds are now invested and the Trustees are receiving investment advice from ABN AMRO.

The objectives of the Foundation, as set out in the trust deed, are to:

- educate New Zealanders on the role of technology and engineering in sustainable economic, environmental and social development
- encourage New Zealand school leavers into tertiary education in the fields of engineering and technology
- educate New Zealanders on significant engineering and technological achievements which form part of New Zealand's national heritage
- further, in New Zealand, the development and practical application of scientific knowledge in engineering or technology for the wider public good
- assist Members suffering from hardship due to physical or mental sickness, disability or incapacity to participate in education or rehabilitation programmes that enable them to resume a career
- promote the relief of poverty among Members or Members' dependents arising from the age, physical or mental sickness, disability or incapacity, or death

Carolyn Thomas-Lewis and Brian Cashin retired as Trustees after making valuable contributions since the Foundation began. They were succeeded by Gretchen Kivell and Bob Hodgson.

Under the leadership of John Cunningham, the Trustees investigated new ways to further the role of the Foundation in conjunction with IPENZ and other related organisations.

Some IPENZ Branches donated their excess funds to the Foundation and donations were also received from a number of Fellows.

During the year five scholarships of \$5,000 were awarded. Three scholarships were co-funded by Hawkes Bay, Nelson/Marlborough and Taranaki IPENZ Branches.

The Foundation collaborated with NASA on the production of a new biography on Sir William Pickering. The Foundation agreed to fund the purchase of 1,000 copies and place them in secondary schools, in conjunction with the Royal Society of New Zealand and Foundation for Research, Science and Technology.

The Foundation sponsored two of the New Zealand Engineering Excellence Awards to be presented in November 2007: the Award for Excellence in Engineering Journalism and the William Pickering Award for Engineering Leadership.

IPENZ Practice College

The IPENZ Practice College was established on 1 April 2003 according to the Regulations of the Institution. Changes to the Regulations during the year established Technical and Associate Membership of the Practice College for TIPENZ and AIPENZ Members respectively. The purpose of the Practice College is to identify those Members of the Institution who are currently competent engineering practitioners. Current competence is defined as having successfully undertaken a competence assessment against the competence standard for the relevant Membership class within the last five years. During the year, 168 IPENZ Members were assessed as currently competent and therefore became Members of the Practice College. There were 13 resignations during the year. As at 30 September 2007 there were 2,294 Members of the Practice College.

The Practice College Regulations allow the practice field, within which the specific practice area of each engineer lies, to be displayed in conjunction with the searchable register, or used in an extended IPENZ postnominal. The list of practice fields is aligned to the internationally agreed list used in association with the APEC Engineer Agreement. A number of engineers have chosen to use the extended postnominal, but no statistics on the frequency of usage have been kept.

Chartered Professional Engineer

A total of 337 applications for CPEng were received during the year, including 70 submissions for continued registration assessment. A total of 221 registrants were added to the CPEng register during the year, bringing the total to 2,299. Fifteen applications for CPEng were declined. One decision to decline registration was appealed to the Chartered Professional Engineers' Council. Following a hearing, the Council upheld the Registration Authority's decision and dismissed the appeal.

IPENZ submitted an annual report on its activities as Registration Authority during the 2006 calendar year to the Council in March 2007. That report was accepted, and the Council then reported to the Minister responsible that IPENZ had met its obligations as Registration Authority for 2006. A levy of \$30,000 was paid to the Council to fund its activities under the Act.

FINANCIAL STATEMENTS >

Audit Report
To the Members of The Institution of Professional Engineers New Zealand Inc.

We have audited the financial report on pages 26 to 30. The financial report provides information about the past financial performance of the Institution of Professional Engineers New Zealand Inc (the Institution) and its financial position as at 30 September 2007. This information is stated in accordance with the accounting policies set out on page 28.

Board's Responsibilities

The Board is responsible for the preparation of a financial report which fairly reflects the financial position of the Institution as at 30 September 2007 and the results of operations and cash flows for the year ended on that date.

Auditors' Responsibilities

It is our responsibility to express to you an independent opinion on the financial report presented by the Board.

Basis of Opinion

An audit includes examining, on a test basis, evidence relevant to the amounts and disclosures in the financial report. It also includes assessing:

- the significant estimates and judgements made by the Board in the preparation of the financial report, and
- whether the accounting policies are appropriate to the Institution's circumstances, consistently applied and adequately disclosed.

We conducted our audit in accordance with New Zealand Auditing Standards. We planned and performed our audit so as to obtain all the information and explanations which we considered necessary in order to provide us with sufficient evidence to obtain reasonable assurance that the financial report is free from material misstatements, whether caused by fraud or error. In forming our opinion we also evaluated the overall adequacy of the presentation of information in the financial report.

Other than in our capacity as auditors we have no relationship with, or interests, in the Institution.

Unqualified Opinion

We have obtained all the information and explanations we have required.

In our opinion the financial report on pages 26 to 30 fairly reflects the financial position of the Institution of Professional Engineers New Zealand Inc as at 30 September 2007 and the results of its operations and cash flows for the year ended on that date.

Our audit was completed on 22 November 2007 and our unqualified opinion is expressed as at that date.



GRANT THORNTON
WELLINGTON

**Statement of Financial Performance
For the Year Ended 30 September 2007**

	Note	2007 \$	2006 \$
Operating Revenue			
Member Subscriptions and Related Fees		2,608,573	2,427,787
Advertising and Magazine Sales		396,243	344,394
Competency Assessment Fees		237,941	144,275
Contract Income - Futureintech		1,341,242	1,236,894
Contract Income - Growth and Innovation Pilot Initiative		135,484	240,326
Contract Income - Techlink		550,622	371,726
Convention and Awards Income		164,471	83,262
International Engineering Agreements Secretariat	4	34,742	-
Interest Received		407,015	339,960
Member Education and Training		493,032	465,657
NZ Engineering Excellence Awards		139,481	108,350
Registration Fees		268,000	260,431
Rental and Sundry Income		189,850	269,377
Technical and Special Interest Group Income	1	673,785	608,981
Total Operating Revenue		7,640,481	6,901,420
Less Operating Expenses			
Audit Fees		16,000	15,000
Branch Expenses		194,519	170,306
Chartered Professional Engineers Council Levy		30,000	30,000
Communication Expenses		144,310	141,233
Consultants Competency Assessments		132,990	97,300
Convention Expenses		219,880	80,683
Depreciation	9	206,547	256,375
Direct Contract Expenses	6	483,424	505,187
Legal and Consultants Fees		310,751	237,775
Member Education and Training		319,764	262,203
NZ Engineering Excellence Awards		130,650	90,359
Other Expenses		200,662	252,834
Printing and Stationery		163,987	152,484
Publishing Production and Distribution Costs		289,151	265,832
Rent Paid		288,270	288,270
Salaries		2,941,568	2,595,399
Technical and Special Interest Group Expenses	1	627,436	449,629
Travel and Meeting Expenses		359,783	338,011
Total Operating Expenses		7,059,692	6,228,880
Operating Surplus before Income Tax, Donation to the IPENZ Foundation and Surplus on the Futureintech Contract		580,789	672,540
Less Taxation	2	-	-
Less IPENZ Branch Funds Donated to the IPENZ Foundation	15	(163,399)	-
Plus Surplus on Futureintech Contract	16	823,354	-
Net Surplus for the Year		1,240,744	672,540

**Statement of Movements in Members' Funds
For the Year Ended 30 September 2007**

	Note	2007 \$	2006 \$
Opening Balances			
IPENZ National Office		2,679,975	2,207,000
IPENZ Centenary Reserve		75,000	25,000
IPENZ Branches	15	174,532	184,319
Technical and Special Interest Groups		776,893	617,541
		<u>3,706,400</u>	<u>3,033,860</u>
Add Net Surplus for the Year Attributable to the:			
IPENZ National Office		470,573	472,975
IPENZ Centenary Reserve	5	75,000	50,000
IPENZ Branches	15	(174,532)	(9,787)
Futureintech Continuation Reserve	16	823,354	-
Technical and Special Interest Groups		46,349	159,352
		<u>1,240,744</u>	<u>672,540</u>
Total Members' Funds		4,947,144	3,706,400

The accompanying notes form part of these financial statements.

**Statement of Financial Position
As at 30 September 2007**

	Note	2007 \$	2006 \$
Current Assets			
Westpac Bank		293,418	137,940
Westpac Short Term Investments		5,100,000	4,500,000
Westpac Short Term Investments and Bank Accounts - Restricted Funds		-	-
IPENZ Branches Bank Funds		-	131,085
IPENZ Foundation	13 & 15	135,000	-
Technical and Special Interest Groups	11	735,000	785,000
Collaborating Technical Societies	12	1,035,029	1,076,809
		<u>1,905,029</u>	<u>1,992,894</u>
Accounts Receivable		494,809	517,340
Prepaid Expenses		170,175	138,275
Total Current Assets		<u>7,963,431</u>	<u>7,286,449</u>
Non Current Assets			
Fixed Assets	8	439,265	542,574
Total Non Current Assets		<u>439,265</u>	<u>542,574</u>
Total Assets		<u>8,402,696</u>	<u>7,829,023</u>
Less Current Liabilities			
Accounts Payable		543,621	540,661
Goods and Services Tax Payable		43,247	15,335
Income Received in Advance Futureintech Contract	1	-	920,152
Income Received in Advance Competency Assessments	1	825,844	650,648
Income Received in Advance CPEng Applications	1	132,008	82,850
Income Received in Advance Other		482,914	536,239
Payroll Accruals		58,764	134,732
Provision for Holiday Pay		123,581	104,383
IPENZ Foundation	13	159,658	1,034
Collaborating Technical Societies Funds	12	1,085,915	1,073,132
Special Funds and Trusts	10	-	63,457
Total Current Liabilities		<u>3,455,552</u>	<u>4,122,623</u>
Net Assets		<u>4,947,144</u>	<u>3,706,400</u>
Represented By:			
Members' Funds			
Accumulated Funds			
IPENZ National Office		3,150,548	2,679,975
IPENZ Centenary Reserve	5	150,000	75,000
IPENZ Branches	15	-	174,532
Futureintech Continuation Reserve	16	823,354	-
Technical and Special Interest Groups	11	823,242	776,893
		<u>4,947,144</u>	<u>3,706,400</u>

For and on behalf of the Institution

.....President

.....Chief Executive

Date: 22nd November 2007

**Statement of Cash Flows
For the Year Ended 30 September 2007**

	Note	2007 \$	2006 \$
Cash Flow from Operating Activities			
Cash was provided from:			
Member Subscriptions		2,617,983	2,429,065
Contract Income		1,944,266	1,796,144
Interest Received		396,032	334,565
Other Income		2,779,002	2,476,989
Net Goods and Services Tax Received		27,916	38,445
		<u>7,765,199</u>	<u>7,075,208</u>
Cash was disbursed to:			
Payments to Employees		2,998,338	2,488,055
Service Delivery Payments		4,089,230	3,313,323
		<u>7,087,568</u>	<u>5,801,378</u>
Net Cash Flow from Operating Activities	14	<u>677,631</u>	<u>1,273,830</u>
Cash Flow Applied to Investing Activities			
Purchase of Non Current Assets		(103,238)	(144,826)
Net Cash Flow Applied to Investing Activities		<u>(103,238)</u>	<u>(144,826)</u>
Net Increase in Cash Held			
		574,393	1,129,004
Add Cash and Short Term Deposits at the start of the Year			
		5,554,025	4,425,021
Cash and Short Term Deposits at the end of the year		<u>6,128,418</u>	<u>5,554,025</u>
Represented By:			
Westpac Bank		293,418	137,940
Westpac Short Term Investments		5,100,000	4,500,000
Westpac Short Term Investments and Bank Funds - IPENZ Branches		-	131,085
Westpac Short Term Investments - Technical and Special Interest Groups	11	735,000	785,000
		<u>6,128,418</u>	<u>5,554,025</u>

The accompanying notes form part of these financial statements.

**Notes to the Financial Statements
For the Year Ended 30 September 2007**

1. Statement of Accounting Policies

Reporting Entity

The financial statements presented here are for the reporting entity, the Institution of Professional Engineers New Zealand (Inc) (the Institution).

Reporting Basis

The financial statements have been prepared in accordance with generally accepted accounting principles.

Measurement Base

The financial statements have been prepared on the historical cost basis.

Basic of Preparation

The financial statements include the financial statements of the parent entity the Institution of Professional Engineers New Zealand (Inc), its Branches and its Technical and Special Interest Groups (TIG's and SIG's). The accounts exclude the operations of the separately incorporated "Collaborating Technical Societies" (CTS's) but the funds administered by the Institution on behalf of these groups are recorded in the Statement of Financial Position.

Members Funds

The Members Funds represent the accumulated surplus or deficit on the operations of the Institution, its Branches and the Technical and Special Interest Groups.

Technical and Special Interest Groups

The activities of the (non incorporated) Technical and Special Interest Groups and the related revenue and expenses are recorded in the Statement of Financial Performance. Any surplus or deficit is transferred to the Technical or Special Interest Groups Funds in the Statement of Financial Position.

Special Funds and Trusts

Special Funds and Trusts are amounts held for specific purposes in accordance with the rules of the Institution.

Restricted Bank Funds

These are Bank Accounts controlled by:

- (a) The IPENZ Foundation Trustees.
- (b) Various (non incorporated) Technical and Special Interest Group Committees.
- (c) Various (separately incorporated) Collaborating Technical Society Committees.

Accounts Receivable

Accounts receivable are stated at expected realisable value, after allowing for potential doubtful debts.

Fixed Assets

Fixed assets are stated at cost less accumulated depreciation.

Depreciation

The depreciation rates used are as follows:

Computer Software and Equipment	20 to 48% DV
Furniture and Fittings	9 to 40% DV
Office Equipment	20 to 40% DV
Office Fit out	14 to 40% DV

Foreign Currency Transactions

Transactions in foreign currencies are translated at the New Zealand rate of exchange ruling at the date of the transaction. At balance date, foreign monetary assets and liabilities are translated at the closing rate, and exchange variations arising from these translations are included in the Statement of Financial Performance. Unrealised foreign exchange gains and losses represent the translation of foreign denominated assets and liabilities at balance date.

Taxation

Provision is made for taxation after taking advantage of all deductions and concessions permitted. No provision has been made for deferred tax due to there being no material timing differences.

Goods and Services Tax

The financial statements have been prepared on a GST exclusive basis, except Accounts Receivable and Accounts Payable which are shown inclusive of GST.

Income in Advance Futureintech Contract

Until 30 September 2006 the income received under the Futureintech Contract that ended on 30 June 2007 was treated as "Income in Advance" until the key deliverables under the terms of that contract had been completed. This income was allocated to cover the contract costs as they were incurred.

Revenue Recognition

Revenue is recognised in the Statement of Financial Performance in the period in which it is earned. Income received at balance date for services not yet provided or where obligations have not been fulfilled is deferred and treated as income in advance. Subscription income is recognised on a received basis. There is no accrual for subscriptions receivable at balance date.

Income in Advance CPEng Competency Assessment Fees

These are the accumulated annual fees paid by the registrants on the "Chartered Professional Engineer" register to cover the cost of future competence assessments. This income will be transferred to cover the costs of these assessments as they are incurred.

Income in Advance CPEng Application Fees

These are the fees received from applicants for registration as a "Chartered Professional Engineer ". These applicants had not been assessed for competence and accordingly were not approved for registration at balance date. This income is allocated to cover the assessment costs as they are incurred.

Statement of Cash Flows

The following are the definitions of the terms used in the Statement of Cash Flows:

- a. Cash comprises cash on hand, current bank account balances and short term deposits that can beconverted to cash within two working days.
- b. Operating activities include all transactions and other events that are not investing or financing activities.
- c. Investing activities are those activities relating to the acquisition, holding, and disposal of fixed assets and investments. Investments include securities not falling within the definition of cash.
- d. Financing activities are those activities that result in changes to the size and composition of the Institution's capital structure. This includes both equity and debt not falling within the definition of cash.

Differential Reporting

The Institution is a qualifying entity within the New Zealand Institute of Chartered Accountants Differential Reporting Framework. The Institution qualifies as it is not publicly accountable nor is there separation of the governing body with ownership. The Institution has taken advantage of all differential reporting exemptions available to it except for the reporting of a Statement of Cash Flows.

Changes in Accounting Policies

There have been no changes in accounting policies. All policies have been applied on bases consistent with those used in previous years.

2. Taxation

By virtue of tax losses carried forward no taxation is payable by the Institution. This potential future income tax benefit has not been recorded in the Financial Statements.

3. Comparative Figures

Where necessary the 2006 comparative figures have been reclassified to facilitate comparison with the current year.

4. International Engineering Agreements Secretariat and Related Party Transactions

Effective from 1 July 2007 the Institution was appointed by the IEA Governing Group to provide secretariat services to the consortium of international engineering agreements for an annual fee of 75,000 Euro. This income has been recognised on a straight line basis commencing 1 July 2007. The Institution has not entered into any other material contracts with any other related parties.

5. IPENZ National Office Centenary Reserve

The Institution is to celebrate its centenary in 2014. The IPENZ Board decided to allocate \$25,000 per annum (\$75,000 in 2007) from the IPENZ Members Funds for the next 10 years to build up a fund to cover the cost of the centenary celebrations.

6. Direct Expenses Contracts

These are the direct contract expenses for Futureintech, Growth & Innovation Pilot Initiative, Techlink and other contracts. This expense item includes motor vehicle operating lease costs of \$59,926 (2006 \$50,348).

	2007 \$	2006 \$
7. Operating Lease Commitments		
The Institution has the following non-cancellable operating lease commitments payable after balance date:		
Not later than one year	343,347	334,502
Later than one year and not later than two years	343,347	291,620
Later than two years and not later than five years	463,457	576,540
Later than five years	29,428	120,110
Total	<u>1,179,579</u>	<u>1,322,772</u>
8. Fixed Assets		
Computer Equipment and Software		
Original Cost	800,177	763,065
Less Accumulated Depreciation	(661,653)	(600,031)
Book Value	<u>138,524</u>	<u>163,034</u>
Office Equipment		
Original Cost	56,704	96,473
Less Accumulated Depreciation	(44,158)	(74,250)
Book Value	<u>12,546</u>	<u>22,223</u>
Furniture and Fittings		
Original Cost	207,425	196,763
Less Accumulated Depreciation	(131,723)	(98,666)
Book Value	<u>75,702</u>	<u>98,097</u>
Leasehold Improvements - 158 The Terrace		
Original Cost	357,712	357,712
Less Accumulated Depreciation	(145,219)	(98,492)
Book Value	<u>212,493</u>	<u>259,220</u>
Total Book Value	<u>439,265</u>	<u>542,574</u>
9. Depreciation Expense by Asset Class		
Computer Equipment and Software	117,086	163,689
Office Equipment	9,677	18,199
Furniture and Fittings	33,057	15,126
Fit out 158 The Terrace	46,727	59,361
	<u>206,547</u>	<u>256,375</u>
10. Special Funds and Trusts		
Heritage Group Funds		
Opening Balance and Funds Contributed	2,575	2,575
Less Funds transferred to Heritage Group	(2,575)	-
Closing Balance	<u>-</u>	<u>2,575</u>
Power Systems School Fund		
Opening Balance	53,935	53,935
Less Funds donated to IPENZ Foundation	(26,967)	-
Less Funds donated to EEA	(26,968)	-
Closing Balance	<u>-</u>	<u>53,935</u>
WFEO Environmental Committee		
Opening Balance	6,947	6,947
Less Funds refunded to WFEO	(6,947)	-
Closing Balance	<u>-</u>	<u>6,947</u>
Total Special Funds and Trusts	<u>-</u>	<u>63,457</u>

	2007 \$	2006 \$
11. Technical and Special Interest Groups		
Restricted Funds - Westpac Short Term Investments		
Electrotechnical Group	20,000	20,000
Food Engineering Association of NZ	10,000	10,000
Maintenance Engineering Society of NZ	10,000	30,000
Mechanical Engineering Group	50,000	45,000
NZ Coastal Society	170,000	165,000
NZ Society on Large Dams	150,000	160,000
NZ Society for Sustainability Engineering and Science	25,000	-
Road Transport Certifying Engineers	10,000	40,000
Society of Fire Protection Engineers NZ	65,000	60,000
Technology Education NZ Conference	55,000	45,000
Transportation Group	<u>170,000</u>	<u>210,000</u>
	735,000	785,000
Current Accounts with IPENZ		
Electrotechnical Group	2,990	1,352
Engineering Students Symposium	-	3,721
Food Engineering Association of NZ	1,621	173
Immigrant Engineers Group	4,291	2,989
Maintenance Engineering Society of NZ	9,014	3,621
Mechanical Engineering Group	4,681	4,213
NZ Coastal Society	42,476	12,497
NZ Society on Large Dams	214,282	9,182
NZ Society for Sustainability Engineering and Science	13,497	(558)
Road Transport Certifying Engineers	3,352	(1,657)
Society of Fire Protection Engineers NZ	8,625	22,886
Technology Education NZ	(1,000)	4,455
Transportation Group	<u>24,685</u>	<u>51,711</u>
	1,063,514	899,585
Plus Prepaid Expenses TIG's and SIG's	100,968	61,931
Less Income in Advance TIG's and SIG's	(341,240)	(182,725)
Less NZ Society on Large Dams - GST Payable	-	(1,898)
Totals	<u>823,242</u>	<u>776,893</u>
12. Collaborating Technical Societies		
Restricted Funds - Westpac Short Term Investments and Bank Funds		
Energy Management Association Inc.	65,000	40,000
NZ Geotechnical Society Inc.	200,000	220,000
NZ Society for Earthquake Engineering Inc	405,184	434,449
NZ Timber Design Society Inc.	-	55,000
Structural Engineering Society NZ Inc.	<u>364,845</u>	<u>327,360</u>
	1,035,029	1,076,809
Current Accounts with IPENZ		
Civil Engineering Testing Association of NZ Inc.	201	-
Energy Management Association Inc.	2,689	(2,588)
NZ Geotechnical Society Inc.	18,837	1,238
NZ Institution of Gas Engineers Inc.	5,711	9,963
NZ Society for Earthquake Engineering Inc	9,706	(15,635)
NZ Timber Design Society Inc.	8,427	4,508
Society of Materials NZ Inc	495	116
Structural Engineering Society NZ Inc.	<u>4,820</u>	<u>(1,279)</u>
Totals	<u>1,085,915</u>	<u>1,073,132</u>

	2007	2006
	\$	\$
13. IPENZ Foundation		
In February 2002 the Institution registered the IPENZ Foundation as a Charitable Trust under the Charities Trust Act 1957. The Institution provides accounting and administration services to the Foundation.		
Restricted Funds - Westpac Short Term Investments	135,000	-
Current Account with IPENZ	24,658	1,034
Total	<u>159,658</u>	<u>1,034</u>
14. Reconciliation of Net Surplus with Net Cash Flow from Operating Activities		
Net Surplus for the Year	1,240,744	672,540
Add Non Cash Item Depreciation	206,547	256,375
	<u>1,447,291</u>	<u>928,915</u>
Add (Less) Movements in Working Capital		
Restricted Bank Funds IPENZ Foundation	(135,000)	-
Restricted Bank Funds Collaborating Technical Societies	41,780	(638,055)
Accounts Receivable	22,531	(329,879)
Prepaid Expenses	(31,900)	(58,344)
Goods and Services Tax Receivable	27,912	37,778
Accounts Payable	2,960	201,927
Income in Advance Futureintech Contract	(920,152)	7,551
Income in Advance Competency Assessments	175,196	248,756
Income in Advance CPENG Applicants	49,158	1,774
Income in Advance Other	(53,325)	206,541
Payroll Accruals	(75,968)	97,753
Provision for Holiday Pay	19,198	9,591
IPENZ Foundation	158,624	(14,659)
Collaborating Technical Societies	12,783	571,606
Special Funds and Trusts	(63,457)	2,575
Net Cash Flow from Operating Activities	<u>677,631</u>	<u>1,273,830</u>

15. IPENZ Branches

The Board of the Institution approved the donation of \$163,399 to the IPENZ Foundation at 30 September 2007. This represented the accumulated funds of the IPENZ Branches at that date that were previously recorded as IPENZ Branch Accumulated Funds. The \$163,399 donation has been expensed in the Statement of Financial Performance. This donation to the IPENZ Foundation included \$135,000 of Westpac Short Investments that were previously invested in the name of the various IPENZ Branches.

16. Futureintech Continuation Reserve

The \$823,354 in this reserve represents the surplus at 30 September 2007 that primarily arose from the completion of the Futureintech contract which ran over a 4 year period to 30 June 2007. The Institution has signed a further Futureintech contract which will provide funding of \$5,600,000 (including GST) over the 4 year period to 30 June 2011. This Reserve is committed to be expended along with the \$5,600,000 of contracted income in fulfilment of the objectives of the Futureintech project.

17. Capital Commitments and Contingent Liabilities

The Institution has a capital commitment for additional Database Development of approximately \$120,000 (2006 Nil). The Institution has no contingent liabilities at balance date (2006 Nil).

We have audited the financial report on pages 32 to 33. The financial report provides information about the past financial performance of the IPENZ Foundation (the Foundation) and its financial position as at 30 September 2007. This information is stated in accordance with the accounting policies set out on page 33.

Trustees' Responsibilities

The Trustees are responsible for the preparation of a financial report which fairly reflects the financial position of the Foundation as at 30 September 2007 and the results of operations for the year ended on that date.

Auditors' Responsibilities

It is our responsibility to express to you an independent opinion on the financial report presented by the Trustees.

Basis of Opinion

An audit includes examining, on a test basis, evidence relevant to the amounts and disclosures in the financial report. It also includes assessing:

- the significant estimates and judgements made by the Trustees in the preparation of the financial report, and
- whether the accounting policies are appropriate to the Foundation's circumstances, consistently applied and adequately disclosed.

We conducted our audit in accordance with New Zealand Auditing Standards. We planned and performed our audit so as to obtain all the information and explanations which we considered necessary in order to provide us with sufficient evidence to obtain reasonable assurance that the financial report is free from material misstatements, whether caused by fraud or error. In forming our opinion we also evaluated the overall adequacy of the presentation of information in the financial report.

Other than in our capacity as auditors we have no relationship with, or interests, in the Foundation.

Unqualified Opinion

We have obtained all the information and explanations we have required.

In our opinion the financial report on pages 32 to 33 fairly reflects the financial position of the IPENZ Foundation as at 30 September 2007 and the results of its operations for the year ended on that date.

Our audit was completed on 21 November 2007 and our unqualified opinion is expressed as at that date.



GRANT THORNTON
WELLINGTON

Statement of Financial Performance For the Year Ended 30 September 2007

	Note	2007 \$	2006 \$
Income			
Investment Income			
Dividends Received		7,481	5,426
Interest Received		30,553	34,083
Realised Investment Gains (Losses)		5,500	(894)
Unrealised Investment Gains		46,844	26,080
Exchange Gains (Losses)		(1,352)	3,978
Less Investment Management Fees		(1,309)	(500)
Net Investment Income		87,717	68,173
Donations			
Donation from Power Systems School	26,968	-	-
Donations	17,104	6,204	6,204
Total Donations		44,072	6,204
Total Income		131,789	74,377
Less Scholarships and Benevolent Payments			
Benevolent Payment	3,000	-	-
Foundations Share of Branch Scholarships	10,500	5,000	5,000
Scholarships - National	5,000	7,500	7,500
Scholarships - Hawkes Bay	500	-	-
Scholarships - Nelson Marlborough	2,500	-	-
Scholarships - Manawatu	-	2,500	2,500
Scholarships - Taranaki	2,500	2,500	2,500
Total Scholarships and Benevolent Payments		24,000	17,500
Less Other Payments			
Audit Fees	1,463	1,463	1,463
Fund Otago Heritage Project	-	182	182
Sponsor NZ Excellence Awards	15,000	15,000	15,000
Sponsor NZSSES Conference	2,500	5,000	5,000
Sponsor TRCC Conference Christchurch	-	2,000	2,000
Sundry Expenses	-	50	50
Total Other Payments		18,963	23,695
Net Income before Donations from IPENZ Branches		88,826	33,182
Plus Donations from IPENZ Branches	3	163,399	-
Net Income		252,225	33,182


Statement of Movements in Equity For the Year Ended 30 September 2007


	2007 \$	2006 \$
Opening Balance	657,538	624,356
Plus Net Income	252,225	33,182
Total Equity	909,763	657,538

Statement of Financial Position As at 30 September 2007

	Note	2007 \$	2006 \$
Current Assets			
Cash and Short Term Deposits ABN-AMRO Craigs Ltd	4(a)	136,165	236,736
Westpac Short Term Investments	3	135,000	-
Accounts Receivable		6,047	2,000
IPENZ Current Account		24,658	1,034
Total Current Assets		301,870	239,770
Non Current Assets			
Investments Managed by ABN-AMRO Craigs Ltd	4(b)	610,905	441,537
Total Assets		912,775	681,307
Less Current Liabilities			
Accounts Payable		3,012	23,769
Net Assets		909,763	657,538
Represented By:			
Total Equity		909,763	657,538

For and on behalf of the Foundation's Trustees

 Chair

 Trustee

Date: 21st November 2007

The accompanying notes form part of these financial statements.

Notes to the Financial Statements

As at 30 September 2007

1. Statement of Accounting Policies

Reporting Entity

The financial statements presented here are for the reporting entity IPENZ Foundation.

Reporting Basis

The financial statements have been prepared in accordance with generally accepted accounting practice in New Zealand.

Differential Reporting

The Foundation is a qualifying entity within the New Zealand Institute of Chartered Accountants Differential Reporting Framework. The Foundation qualifies under the size criteria and because it is not publicly accountable. The Foundation has taken advantage of all differential reporting exemptions available to it.

Measurement Base

The measurement base adopted is historical cost, except for investments which are recorded on the Statement of Financial Position at market value. Both realised gains and losses, and unrealised gains and losses are recorded on the Statement of Financial Performance.

Investments

Equity Investments are stated at market value as quoted by the relevant exchange at balance date. Other investment are recorded at values determined by the investment manager at balance date. The market valuations do not include an allowance for selling costs

Foreign Currency Transactions

Transactions in foreign currencies are translated at the New Zealand rate of exchange ruling at the date of the transaction. At balance date, foreign monetary assets and liabilities are translated at the closing rate, and exchange variations arising from these translations are included in the Statement of Financial Performance. Unrealised foreign exchange gains and losses represent the translation of foreign denominated assets and liabilities.

Taxation

The Foundation is a charitable organisation. It is not subject to Income Tax.

Changes in Accounting Policies

There have been no changes in accounting policies. All policies have been applied on bases consistent with those used in previous years.

2. Registration of IPENZ Foundation

In February 2002 The Institution of Professional Engineers New Zealand Incorporated registered the IPENZ Foundation as a Charitable Trust under the Charitable Trusts Act 1957.

3. Related Party Transactions

The Institution of Professional Engineers New Zealand Inc (the Institution) provides accounting and administration services to the Foundation. At 30 September 2007 the Board of the Institution approved the donation of \$163,399 to the Foundation. This represented the balance of the IPENZ Branch Accumulated Funds at that date. This transfer included \$135,000 of Westpac Short Term Investments that were previously invested in the name of various IPENZ Branches. There were no other related party transactions during the year ended 30 September 2007.

4. Investments

ABN AMRO Craigs were appointed investment manager by the IPENZ Foundation Trustees. The investments managed by ABN AMRO Craigs at 30 September 2007 are as listed under 4(a) and 4(b).

	2007 \$	2006 \$
4(a) Cash and Short Term Deposits Managed by ABN AMRO Craigs Ltd		
ACC Ltd CCM - NZD Call Account	115,244	23,117
ACC Ltd CCM - AUD Call Account	2,279	11,022
ACC Ltd CCM - GBP Call Account	17,818	32,322
ACC Ltd CCM - USD Call Account	504	275
ACC Ltd CCM - NZD Term Deposit	-	170,000
AUD Broker Account	320	-
Total Cash and Short Term Deposits Managed by ABN AMRO Craigs Ltd	136,165	236,736
4(b) Investments Managed by ABN AMRO Craigs Ltd		
Fixed Interest		
ANZ Callable Sub Bonds	48,619	19,976
Babcock & Brown Ltd - Notes	19,396	20,674
BNZ Senior Debt	49,043	50,322
BNZ Sub Bonds	30,270	-
Deutsche Bank AG NZ	49,593	49,470
Infratil - Bonds	28,355	29,669
Sky TV - Capital Notes	-	29,999
UDC Finance Ltd	40,000	-
Accrued Interest	1,844	1,517
	267,120	201,627
NZ Equities		
Auckland International Airport	14,711	9,541
Contact Energy	18,380	14,300
Dairy Equity Ltd	5,160	5,760
Fisher & Paykel Healthcare Ltd	9,240	11,620
Freightway Holdings	-	13,912
Hellaby Holdings	5,940	11,616
Infratil Ltd	14,850	10,300
Infratil Ltd - Rights	920	-
Infratil Ltd - Warrants	325	-
Nuplex Industries Ltd	15,414	-
Rakon Ltd	22,486	11,970
	107,426	89,019
Australian Equities		
AGL Energy Ltd	14,689	14,235
Barramundi Ltd	12,271	-
Barramundi Ltd - Warrants	1,534	-
BHP Billiton Ltd	25,054	-
Connect East Group	19,215	15,046
CSL Ltd	30,172	14,837
Goodman Fielder Ltd	12,784	10,505
Macquarie Bank Ltd	12,658	8,703
QBE Insurance Group Ltd	19,009	13,455
	147,386	76,781
International Equities		
Guinness Peat Group plc	7,546	8,400
HSBC Holdings plc	13,927	15,943
ishares DJ Select Dividend	9,144	10,197
Tesco plc	14,238	-
	44,855	34,540
Property		
AMP NZ Office Trust - New Zealand	15,783	13,090
Kiwi Income Property Trust - New Zealand	13,080	13,560
Westfield Group - Australia	15,255	12,920
	44,118	39,570
Total Investments Managed by ABN AMRO Craigs Ltd	610,905	441,537

5. Comparative Figures

Where necessary the 2006 comparative figures have been reclassified to facilitate comparison with the current year.

6. Capital Commitments and Contingent Liabilities

The Foundation has no capital commitments or contingent liabilities at balance date (2006 Nil).

IPENZ BOARD

President:

Jeff Jones
Retired Chief Executive
Nelson/Marlborough

Deputy President:

Bas Walker
Senior Advisor
Gas Industry Company Ltd
Wellington

Vice President:

Anthony Wilson
General Manager Community Assets
New Plymouth District Council
Taranaki

Immediate Past President:

Peter Jackson
Pro Vice Chancellor
College of Engineering
University of Canterbury
Canterbury

Board Members:

Richard Haverkamp
Professor of Nanotechnology
Institute of Technology and Engineering
Massey University
Manawatu
Elected 2006/2008

Steve Abley

Director
Abley Transportation Engineers Ltd
Canterbury
Elected 2006/2008

Nicki Crauford

Chief Executive
Institute of Directors
Wellington
Elected 2006/2008

Major Chas Charlton

Staff Officer Personnel
The Army Museum
Wanganui
Appointed 2006/2008

Debbie Scott

Fire Engineer/Director
OnFire Consulting Ltd
Waikato/Bay of Plenty
Elected 2007/2009

Tiina Hall-Turner

Senior Project Manager
Beca Carter Hollings & Ferner Ltd
Auckland
Elected 2007/2009

Peter Geddes

Director Structural and Geotechnical
Hawthorn Geddes Ltd
Northland
Appointed 2007/2009

BOARD MEETING ATTENDANCE

FOR THE PERIOD 1 OCTOBER 2006 TO 31 MARCH 2007

Name	Position	Meetings attended
Peter Jackson	President	4 out of 4
Jeff Jones	Deputy President	3 out of 4
Bas Walker	Vice President	4 out of 4
Roly Frost	Past President	4 out of 4
Ross Major	Member	4 out of 4
Chris Mardon	Member	4 out of 4
Deane McNulty	Member	4 out of 4
Nicki Crauford	Member	3 out of 4
Steve Abley	Member	4 out of 4
Chas Charlton	Member	4 out of 4
Richard Haverkamp	Member	3 out of 4
Debbie Scott	Member	4 out of 4

FOR THE PERIOD 1 APRIL 2007 TO 30 SEPTEMBER 2007

Name	Position	Meetings attended
Jeff Jones	President	4 out of 4
Bas Walker	Deputy President	3 out of 4
Anthony Wilson	Vice President	4 out of 4
Peter Jackson	Past President	3 out of 4
Nicki Crauford	Member	3½ out of 4
Steve Abley	Member	4 out of 4
Chas Charlton	Member	4 out of 4
Richard Haverkamp	Member	2½ out of 4
Debbie Scott	Member	2 out of 4
Tiina Hall-Turner	Member	4 out of 4
Peter Geddes	Member	2½ out of 3

COMPETENCE ASSESSMENT BOARD

Chair:

Joanna Saywell
Engineering Manager
Harrison Grierson Consultants Ltd
Wellington

Board Members:

Geoff Farquhar
Geotechnical Engineering Manager
Maunsell Ltd
Auckland

Michael Haydon

Technical Manager – Operations
Works Infrastructure Ltd
Auckland

Basil Wakelin

Consulting Engineer
Wellington

Jon Williams

Technical Director
Beca Carter Hollings & Ferner Ltd
Auckland

Paul Wilson

(Standards and Accreditation Board Representative)
Chief Executive
Tai Poutini Polytechnic
West Coast

Steve Abley

(IPENZ Board Representative)
Director
Abley Transportation Engineers Ltd
Canterbury

STANDARDS AND ACCREDITATION BOARD

Chair:

Paul Wilson
Chief Executive
Tai Poutini Polytechnic
West Coast

Board Members:

Ralph Fouché
Regional Water and Waste Manager
MWH New Zealand Ltd
Auckland

Professor Bob Hodgson

Director – School of Engineering and Technology
Massey University
Manawatu

David Ryan

Deputy Dean of Engineering
University of Auckland
Auckland

Paul Sampson

Retired District Engineer
Manawatu

Basil Wakelin

(Competence Assessment Board Representative)
Consulting Engineer
Wellington

Richard Haverkamp

(IPENZ Board Representative)
Professor of Nanotechnology
Institute of Technology and Engineering
Massey University
Manawatu

TECHNICIAN EDUCATION STANDING COMMITTEE

Chair:

Ralph Fouché
Regional Water and Waste Manager
MWH New Zealand Ltd
Auckland

Committee Members:

Rob Blakemore
Manager, Environmental Training Centre
Opus International Consultants Ltd
Wellington

Murray Isdale

Consultant Mechanical Engineer
Wellington

Dirk Pons

Head of Engineering School
Christchurch Polytechnic Institute of Technology
Canterbury

Ian Williamson

Communications Consultant
Canterbury

John Wills

Chief Executive
InfraTrain New Zealand Ltd
Wellington

ENGINEERING PRACTICE BOARD

Chair:

Bill Darnell
Chief Civil Engineer
Opus International Consultants Ltd
Wellington

Board Members:

Carol Boyle
Lecturer
Department of Civil & Environmental Engineering
University of Auckland
Auckland

Andrew Campbell

Beca AMEC Ltd
Auckland

Kevin Mackey

Retired
Wellington

Murray Milner

Milner Consulting Ltd
Wellington

Ross Mockett

Senior Project Manager
NZMP Engineering Services
Waikato/Bay of Plenty

Bryan Pidwerbesky

General Manager – Technical
Fulton Hogan Ltd
Canterbury

Adam Thornton

Director
Dunning Thornton Consultants Ltd
Wellington

Debbie Scott

(IPENZ Board Representative)
Fire Engineer/Director
OnFire Consulting Ltd
Waikato/Bay of Plenty – Hamilton

IPENZ AUDIT COMMITTEE

Terms of Reference for the Audit Committee can be found on our website www.ipenz.org.nz/IPENZ/Who_we_are/Organisation/AuditCommittee_ToR.pdf

Chair:

Nicki Crauford

Board Member
Wellington

Committee Members:

Steve Abley

Board Member
Canterbury

Bas Walker

Deputy President
Wellington

Anthony Wilson

Vice President
Taranaki

Ex Officio Member:

Jeff Jones

President
Nelson/Marlborough

IPENZ FOUNDATION

Chair:

John Cunningham

Executive Director
IPENZ Past President
Auckland

Trustees:

Warwick Bishop

Retired
Nelson/Marlborough

Dennis Chapman

Company Director
Canterbury

Steve Gentry

Company Director
Retired
Wellington

Professor Bob Hodgson

Director – School of Engineering and Technology
Massey University
Manawatu

Gretchen Kivell

Warden
Toroa International House
University of Otago
Dunedin

HERITAGE COMMITTEE

Chair:

Rob Aspden
Retired
Wellington

INVESTIGATING COMMITTEE

Chairs:

Neville Beach

Retired Consultant
Wellington

Tim Dobbie

Process Engineering Manager
Sinclair Knight Merz Ltd
Auckland

Brian Hasell

Consultant
Hasell Consulting Ltd
Wellington

David Kettell

Retired
Wellington

Graham Ramsay

Beca Carter Hollings & Ferner Ltd
Wellington

DISCIPLINARY COMMITTEE

Chairs:

Jenny Culliford

Industrial Manager
Sinclair Knight Merz Ltd
Wellington

Peter McCombs

Director
Traffic Design Group Ltd
Wellington

Kevin Spring

Principal
Silvester Clark Ltd
Wellington

The following Members served on Investigating or Disciplinary Committees:

Kelvin Barclay
Barry Brown
Des Bull
Alister Chambers
John Christianson
Robert Davey
Geoffrey Farquhar
Peter Goldsmith
Rob Green
Peter Higgs
David Jennings
Rob Jury
Paddy Luxford
Trevor Matuschka
Kevin McManus
Peter Millar
Arthur O'Leary
Arthur Park
Neil Rogers
Adam Thornton

BRANCHES

Auckland

Chair: Andrew Nell

Canterbury

Chair: James Park

East Coast

Chair: Graham Mackey

Hawkes Bay

Chair: Neil Cook

Manawatu

Chair: Mohamed Imtiaz

Nelson/Marlborough

Chair: Andrew Palmer

Northland

Chair: Peter Geddes

Otago

Chair: Gavin Beattie

South Canterbury

Chair: Robin Donovan

Southland

Chair: Chris Heaslip

Taranaki

Chair: John King

Tauranga

Chair: Brian Hodge

United Kingdom

Chair: Kelvin Smith

Waikato/Bay of Plenty

Chair: Brian Gabbittas

Wanganui

Chair: Robert van Bentum

Wellington

Chair: Andrew Clark

West Coast

Chair: Alastair Wood

TECHNICAL AND SPECIAL INTEREST GROUPS

Australasian Tunnelling Society

New Zealand Chapter Chair: Evan Giles

Electrotechnical Group

Membership Administrator: Saltanat Cole

Food Engineering Association of New Zealand

Chair: Dong Chen

Special Interest Group for Immigrant Engineers

Chair: Namir Amso

Maintenance Engineering Society New Zealand

Chair: Mike Killick

Mechanical Engineering Group

Chair: John Gardiner

New Zealand Coastal Society

Chair: David Phizacklea

New Zealand Society on Large Dams

Chair: Peter Foster

New Zealand Society for Sustainability Engineering and Science

Chair: Carol Boyle

Road Transport Certifying Engineers

Chair: Mykel Merrylees

Society of Fire Protection Engineers

Chair: Richard Brand

Transportation Group

Chair: Bruce Conaghan

Technology Education New Zealand

Chair: Wendy Fox-Turnbull

COLLABORATING TECHNICAL SOCIETIES

Civil Engineering Testing Association of New Zealand

Chair: Paul Burton

Energy Management Association of New Zealand

Chair: Peter McKeown

Ingenium

President: Ashley Harper

New Zealand Concrete Society

Chair: Paul Wymer

New Zealand Geotechnical Society

Chair: C Y Chin

New Zealand Institution of Gas Engineers

Chair: Geoff Evans

New Zealand Society for Earthquake Engineering

Chair: Michael Pender

Society of Chemical Engineers New Zealand

Chair: Simon Lovatt

Society of Materials New Zealand

Chair: Patrick Conor

Structural Engineering Society New Zealand

Chair: Ashley Smith

Timber Design Society

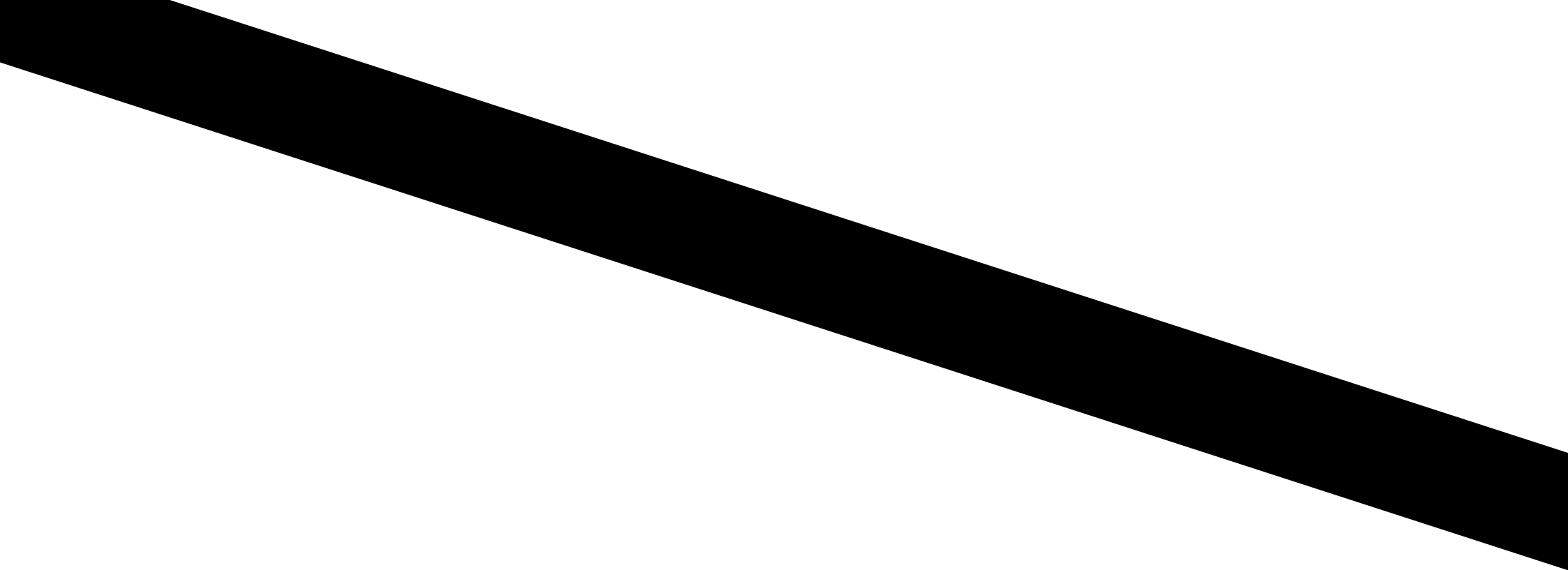
Chair: Andy Buchanan

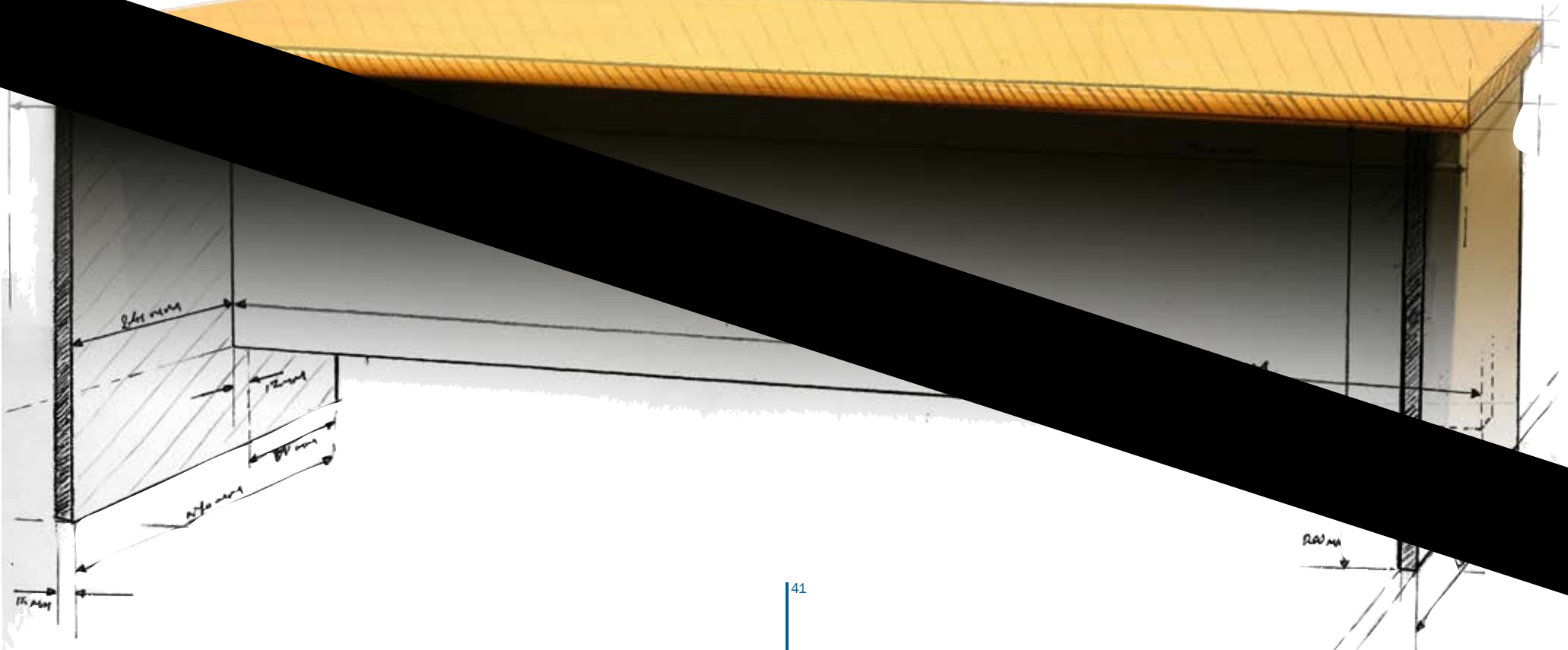
IPENZ ENDORSED EMPLOYERS (AS AT 30 SEPTEMBER 2007)

IPENZ Endorsed Employer status is recognition that an organisation acknowledges its responsibility in the career development of its professional staff. Graduates are provided with structured support and guidance in developing engineering competence to a professional level and they have ongoing programmes to maintain competence in the long term. This benefits both the individual engineer and the employing organisation.

AC Consulting Ltd
Alan Reay Consulting Ltd
Beca Group of Companies
Connell Wagner Ltd
Davis Ogilvie & Partners Ltd
Don Thomson Consulting Engineers
Fletcher Construction Ltd (Engineering Division)
Fraser Thomas Ltd
Fonterra Co-operative Group Ltd
Fulton Hogan Ltd
Gabites Porter (NZ) Ltd
GHD Ltd
Harrison Grierson Consultants Ltd
Higgins Group Holdings Ltd
Holmes Consulting Group Ltd
IRL – Biopharm Ltd
Lewis and Barrow Ltd
Maunsell Ltd
Meridian Energy Ltd
Metrowater Ltd
MWH New Zealand Ltd
North Shore City Council
Opus International Consultants Ltd
Palmerston North City Council
Shell Todd Oil Services Ltd (STOS)
Sinclair Knight Merz Ltd
Tonkin & Taylor Ltd
Traffic Design Group Ltd
Transfield Worley NZ Ltd
Transit New Zealand
Transpower New Zealand Ltd
URS New Zealand Ltd
VK Consulting Environmental Engineers Ltd
Watercare Services Ltd
Works Infrastructure Ltd

IPENZ STAFF >





Andrew Cleland
Chief Executive

Responsible for identifying, defining and progressing the goals and objectives of IPENZ as set by the Board. Overall management of National Office, ethical issues or complaints against Members, submissions to the Government, appointments to governance roles and international relationships.

Judith Evans
Executive Assistant

Provides executive assistant support to the President, Chief Executive and Director – Operations. Co-ordinates Board meetings, travel and accommodation arrangements.

Vicki Wright
HR Advisor

Undertakes the day-to-day running of the human resources function including payroll, recruitment, policy and employment agreement interpretation.

PUBLICATIONS, POLICY, PRACTICE AND PROMOTIONS TEAM

Charles Willmot
Director – Engineering

Co-ordinates promotion of the engineering profession to the public and decision makers, including the New Zealand Engineering Excellence Awards, Convention, Fellows' and Achievers' Dinner, and Members' access to international engineering knowledge. Oversees marketing of the engineering profession and disciplinary processes.

Dionne Needham
PA/Desktop Publisher

Provides support to the Director – Engineering, co-ordinates awards and provides desktop publishing support.

Cameron Smart
Engineering Practice Manager

Facilitates the Engineering Practice Board to provide output on engineering practice issues. Co-ordinates submissions on relevant discussion documents, codes and standards.

Andrew Clark
Manager – Ethics and Discipline

Investigates complaints about ethical or competence issues, and administers Confidential Reporting on Matters in Engineering (CRoMiE).

Verona-Meiana Putaranui
Media Co-ordinator

Maximises media opportunities for informing the public on engineering-related matters of national and community interest, and demonstrating how the engineering profession can contribute.

Kavita Kansara
Business Development Co-ordinator

Develops marketing systems and processes for the promotion of IPENZ's services to encourage recruitment and retention of Members. Takes responsibility for events management.

Shelley Pope
Policy Advisor

Undertakes research to assist in the development of policy on national and community issues. Assists with analysing results and preparing submissions on policy issues affecting the profession.

Charlotte Stapleton
Managing Editor

Publishes, manages and edits IPENZ promotional material and publications, including *e.nz magazine*, *engineering direct*, *engineering dimension* and *engineering treNz*. Develops the IPENZ publications strategy.

Nick Helm
Writer/Editor

Provides writing, editing and proofreading skills for the production of IPENZ printed and electronic publications and promotional material.

Jade McCaig
Design Manager

Develops the IPENZ brand and publications strategy. Manages and undertakes graphic design activities for IPENZ, including the design of *e.nz magazine*, *engineering direct*, *engineering dimension* and *engineering treNz*, and development of new in-house documents and promotional material.

Toby Rutherford
Graphic Designer

Assists with all brand management and graphic design activities for IPENZ, including the design of *e.nz magazine*, *engineering direct*, *engineering dimension* and *engineering treNz* and development of new in-house documents and promotional material.

LEARNING AND ASSESSMENT TEAM

Brett Williams

Director – Learning and Assessment

Responsible for overall policy and procedures relating to engineering education and practice standards, professional development and career development services. Manages the degree accreditation programme and liaises with industry and education providers over engineering education matters. Manages IPENZ participation in international mobility agreements.

Debbie Scully

PA/Administrator

Provides support to the Director – Learning and Assessment, as well as administration support to the Learning and Assessment Team, particularly in the provision of secretariat services to the International Engineering Agreements.

Jeff Wastney

Registrar

Responsible for managing the development of competence standards and ongoing procedures for assessments for entry to competence-based Membership classes or registers (including CPEng, ETPract and CertETn).

Paul Gardner

Professional Development Manager/International Secretariat Manager

Manages the provision of seminars and short courses to meet the CPD needs of Members at all stages of their careers and leads the development of new courses and services. Manages the provision of secretariat services to the International Engineering Agreements.

Regan Hoskin

Professional Development Advisor

Co-ordinates the delivery of existing courses, seminars and wider professional development services to Members, and the Professional Development Partner programme.

Sonia Edney

Professional Development Administrator

Responsible for administering short course professional development programmes and graduate development support services.

Bub Konia

Competence Assessment Administrator

Co-ordinates panel formation for competence assessments and provides advice on competence assessment procedures.

Emma Durham

L & A Administrator

Supports competence assessment panels following their initial formation, collates panel reports for the Competency Assessment Board and advises applicants of the outcome of assessments.

OPERATIONS TEAM

Susie McCutcheon

Director – Operations

Manages the underpinning operational and administrative systems of National Office and its service relationships, Membership administration, advertising sales, compliance activities, office infrastructure, information technology, finances and service contracts.

Dale Cooper

Information Technology Manager

Responsible for the development and maintenance of the Institution's information technology infrastructure, including Internet systems, web development, Membership record data system and communications channels.

Richard Sweetman

Financial Accountant (part-time)

Responsible for the preparation of monthly and annual financial reports for IPENZ, Branches and Technical Interest Groups.

Alison Underwood

Office Manager

Responsible for administrative management of National Office infrastructure and Membership services; also handles banking and reconciliation.

Chris Burr

Sales Manager

Sells advertising for *e.nz magazine*, *engineering direct* and other IPENZ publications, administers the JobHunt website and sells sponsorships for the annual awards.

Kathryn McGavin

Branch Facilitator

Provides a point of contact at National Office for IPENZ Branches; assists Branches to access services, share successful practices and provide programmes which are attractive to Members.

Beau Broadhead

Web Developer

Develops and maintains IPENZ and other hosted organisations' websites.

Curtis Vertongen

IT Support Technician

Supports in-house information technology hardware and software systems and the database records system.

Manisha Weerasinghe

IT Business Analyst (part-time)

Undertakes database testing, database documentation, business analysis, as well as data analysis for various projects.

Saltanat Cole

Membership Administrator

Provides administration support and membership services for Technical and Special Interest Groups, and Collaborating Technical Societies.

Michele Boniface

Membership Administrator

Processes applications for IPENZ Membership, IPENZ subscriptions, enquiries and payment arrangements.

Liz Badcock

Receptionist/Office Administrator

Undertakes reception and office support, handles general Membership enquires, updates information on the database and website, and undertakes administrative duties for graduate training report activities.

Annie Tasi

Accounts Payable Administrator

Processes accounts payable and accounts receivable for IPENZ, Branches, Technical and Special Interest Groups, and Collaborating Technical Societies.

Celeste Pollero

General Accounts Administrator

Processes subscription payments for IPENZ and other serviced groups.

Carey Churton

Trainee Administrative Assistant

Provides reception, office and Branch support, administrative duties, servicing of meeting rooms and logging of CPEng applications.

Sue Cornwell

Administrative Assistant (part-time)

Administers enquiries about and distribution of Technical Interest Group publications and IPENZ proceedings; sales of short form agreement and model conditions of engagement; and invoicing of *e.nz magazine* and *engineering direct*.

SCHOOLS TEAM

Angela Christie

Director – Schools

Responsible for the development and implementation of the Futureintech project – a government-funded careers promotion initiative. Manages the Techlink project for the Ministry of Education, IPENZ school programmes including the Transpower Neighbourhood Engineers Awards, and promotion of engineering as a career. Responsible for the support of IPENZ heritage activities.

Angela Hart

Futureintech Facilitator Central and West Auckland

Supports the implementation of a range of career promotion activities by fostering positive relationships among students, caregivers, teachers, careers advisors, consultants and volunteers.

Colin Bell

Futureintech Facilitator Christchurch

Supports the implementation of a range of career promotion activities by fostering positive relationships among students, caregivers, teachers, careers advisors, consultants and volunteers.

Gay Watson

Futureintech Facilitator South and East Auckland

Supports the implementation of a range of career promotion activities by fostering positive relationships among students, caregivers, teachers, careers advisors, consultants and volunteers.

Jenny Dee

Futureintech Facilitator Napier and Hastings

Supports the implementation of a range of career promotion activities by fostering positive relationships among students, caregivers, teachers, careers advisors, consultants and volunteers.

Kate McGuinness

Futureintech Administrator/Project Officer

Supports the work of Futureintech staff and produces desktop-published information and resource materials. Responsible for administration and financial management.

Laura Fergusson

Writer/Researcher

Researches, writes and edits external communications and resource materials for the Futureintech project including the website, newsletters and promotional material.

Lynne Newell

Futureintech Facilitator Otago

Supports the implementation of a range of career promotion activities by fostering positive relationships among students, caregivers, teachers, careers advisors, consultants and volunteers.

Margaret Brunton

Futureintech Facilitator Central North Island

Supports the implementation of a range of career promotion activities by fostering positive relationships among students, caregivers, teachers, careers advisors, consultants and volunteers.

Phil Sadgrove

Futureintech Facilitator Wellington

Supports the implementation of a range of career promotion activities by fostering positive relationships among students, caregivers, teachers, careers advisors, consultants and volunteers.

Rod Hare

Futureintech Facilitator North Auckland

Supports the implementation of a range of career promotion activities by fostering positive relationships among students, caregivers, teachers, careers advisors, consultants and volunteers.

Susan Weekes

Careers and Heritage Administrator (part-time)

Updates long-term Institutional records, manages the Transpower Neighbourhood Engineers Awards and assists with promoting engineering careers in schools.

Glynn McGregor

Project Co-ordinator – Techlink

Manages the development of materials for the Techlink website, a resource for technology teachers.

Alistair Mackenzie

Writer – Techlink

Develops case study material for the Techlink website.

Megan Rodden

Writer – Techlink (part-time)

Develops case study material for the Techlink website.

Nick Maitland

GIF Communications Officer

Promotes technology education to a range of identified audiences.

Rohin Joyce

Web Developer

Develops and maintains Techlink and other organisations' hosted websites.

IPENZ SPONSORS >

