

**IEEE New Zealand Council
2002 Report**

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PART A - SUMMARY

A.1 Executive Summary

The activities during 2002 focused on coordination amongst NZ sections, promotion of the profession within NZ and fostering of links with other related organizations, in order to provide members with a range of technical activities and to promote the profession outside the membership. The growth of Software Engineering has generated some discussion.

A.2 Financial Report

The NZ Council operated with nil financial activity this year. Two legacy accounts were closed in order to rationalize administration, with the agreement that the funds be used to support joint projects across the sections.

A.3 Council Membership

Chair (NZ North Nominee)	Bruce MacDonald
Vice-Chair (NZ South Chair)	Simon Round
Secretary/Treasurer (NZ North Chair)	Grant Covic

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Programs

The individual Sections have their own membership development programs

B.2 Professional and Continuing Education Activities

Both Sections have carried out a healthy programme of technical activities, including many technical seminar presentations, and a smaller number of longer events.

A number of distinguished lecturer visits were coordinated between Australia and New Zealand via the Council chairs, with the goal of having lecturers visit all the interested Sections in each country.

B.3 Recognized Educational Programs

There has been considerable growth and change in educational programs in NZ in recent years and the Sections are undergoing a program of updating and expanding REPs.

B.4 Student Activities

There is some activity by Sections in student paper contests; this may be more promotion and different timing to attract more submissions.

Student branch activity is largely healthy in established educational institutions; there could be more development associated with new undergraduate programs.

B.5 E-mail and Newsletter Activities, Home Page

B.6 Awards

B.7 Chapter Activities

The individual sections undertake these activities.

PART C - GOALS AND PLANS

C.1 Goals

- Ⓞ **Promote GOLD membership**
- Ⓞ **Negotiate a new form of national society agreement with IPENZ**
- Ⓞ **Rationalise taxation status of NZ Sections. Perhaps incorporate as the Council, or as individual sections.**
- Ⓞ **Update the Council bylaws**
- Ⓞ **Transfer the Council Chair to the South section for 2004**
- Ⓞ **Liase with the Australian Council to promote Distinguished Lecturer visits, and joint activities.**
- Ⓞ **Develop an agreement between related professional groups in New Zealand to promote the profession both to members and to the public**

C.2 Detailed Implementation Plans

C.3 Budget

The Council operates without funds; Sections are expected to fund activities as needed.

PART D - OTHERS

D.1 Relationship with National Societies

A one year extension to the existing IPENZ agreement was negotiated. IPENZ has suggested modernising the agreement for future years based on exchange of electronic services. It was notable that IPENZ do not particularly seem to want to take advantage of the membership discount aspect of the agreement, even though it was to their advantage; it seems to be a policy issue. There seems to be more interest in sharing electronic services (eg web services).

The spread of internet access giving email and Web services to members of IEEE, IEE and National groups seems to have changed the way we work together. Our interactions are less about funding and more about sharing of information electronically. Activity includes:

- ⊙ A three way agreement is currently in draft form, between IEE, IEEE and the National society IPENZ. The goals are about a high quality of service to all members by mutual support, and promoting the profession as a whole.
- ⊙ Events are cross posted to electronic mailing lists of all three groups
- ⊙ A three way initiative is in progress to develop a high quality electronic publication is slowly developing between IEEE, IEE and IPENZ.
- ⊙ Development of an online consultant database by IEEE NZ North, with possible inclusion of other bodies.

As university software engineering programs and staff grow, there is considerable interest in the development of software engineering as an engineering profession. Issues include agreement about a body of knowledge, accreditation, and professional registration. The Council Chair was invited chairman for a recent IPENZ workshop on the Software Engineering profession at the National IPENZ convention. The Chair was invited take part in a panel discussion on related issues with the New Zealand Computer Society. The goal is to build a level of understanding and comfort between groups that we can promote the profession jointly.

D.2 Special Events

Both Sections contributed to a memorial plaque at Havelock NZ, for William Pickering and Ernest Rutherford.

D.3 Problems to be Anticipated