esri

THE ECONOMIC & SOCIAL RESEARCH INSTITUTE

ANNUAL REPORT FOR THE YEAR ENDED 31 DECEMBER 1995

The Council of the ESRI is the Institute's overall governing body and consists of 32 members appointed from the general members of the Institute. The Council meets four times a year.

THE COUNCIL

MR M.F. DOYLE, President

MR J. HARFORD, Chairman

Chief Executive, Yamanouchi Ireland Company Ltd

PROFESSOR K.A. KENNEDY, Director,

MR K. BONNER,

Secretary, Department of Enterprise & Employment MR J. CAWLEY,

Managing Partner, Cawley & Company, Solicitors MR G.T.P. CONLON,

Chairman, ESRI Fund-raising Committee 1995-2000 MR S. CROMIEN,

Former Secretary, Department of Finance MR W.B. DILLON,

Chief Executive, Amdahl Ireland Ltd

PROFESSOR C. FANNING,

Department of Economics, University College, Cork DR G. GUDGIN,

Director, Northern Ireland Economic Research Centre MR J. HURLEY,

Secretary, Public Service Management Development, Department of Finance

MR A. KANE,

Chief Executive, Telecom Eireann

MR K.J. KELLY,

Group Financial Director, AIB Group plc

MR P. LYNCH,

Chairman of the Institute, 1983-1988

PROFESSOR A. MATTHEWS,

Department of Economics, Trinity College, Dublin MR M.J. MEAGHER,

Chief Executive,

Corporate & Treasury Division, Bank of Ireland Group

PROFESSOR S. MENNELL,

Department of Sociology, University College, Dublin MR J. MORAN,

Chief Executive, Electricity Supply Board

MR P. MULLARKEY,

Secretary, Department of Finance

MR D. MURPHY,

Director General, Central Statistics Office

DR E. McCARTHY,

Chairman of the Institute, 1990-1995

Director, Woodchester Investments plc

MR E. McCUMISKEY,

Secretary, Department of Social Welfare

MR D. NEVIN,

Former General Secretary, Irish Congress of Trade Unions DR T.F. Ó COFAIGH,

President of the Institute, 1987-1995

MR M. O'CONNELL,

Governor, Central Bank of Ireland

MS M. O'CONNOR,

Partner, Craig Gardner/Price Waterhouse

MR P. O'REILLY,

Chief Executive, EBS Building Society

SIR W.G.H. QUIGLEY,

Chairman, Ulster Bank Limited

PROFESSOR N. SHEEHY,

Department of Psychology,

The Queen's University of Belfast

DR M.J. SOMERS,

Chief Executive, National Treasury Management Agency

DR T.K. WHITAKER,

President of the Institute, 1971-1987

MR P.A. WHITE,

Chairman, Northside Partnership Limited

The Executive Committee is a sub-committee of the Council and meets at least every two months. It acts as the Institute's Board of Directors and, in association with the Director and staff, develops the Institute's programme of research for approval by Council.

EXECUTIVE COMMITTEE



Mr Maurice F. Doyle President



Mr J. Harford Chairman

MR M.F. DOYLE, President

MR J. HARFORD, Chairman
Chief Executive, Yamanouchi Ireland
Company Limited

PROFESSOR K.A. KENNEDY, Director

MR S. CROMIEN,
Former Secretary, Department of Finance

PROFESSOR C. FANNING,
Department of Economics,
University College, Cork

DR E. McCARTHY,
Chairman, ESRI, 1990-1995
Director, Woodchester Investments plc

MR P. MULLARKEY,
Secretary, Department of Finance

MR D. NEVIN,

Former General Secretary,

Irish Congress of Trade Unions

DR T.F. Ó COFAIGH, President, ESRI, 1987-1995

SIR W.G.H. QUIGLEY, Chairman, Ulster Bank Limited

PROFESSOR N. SHEEHY,

Department of Psychology,

The Queen's University of Belfast

MR P.A. WHITE, Chairman, Northside Partnership Limited



NOTICE OF ANNUAL GENERAL MEETING

Notice is hereby given that the Thirty-Seventh Annual General Meeting of The Economic and Social Research Institute (Limited Company registered in Dublin, Registration No. 18269), will be held at the Registered Office at 4 Burlington Road, Dublin 4, on Tuesday, 25th June 1996 at 2.00 p.m.

AGENDA

- 1. ELECTION OF PRESIDENT
- 2. MINUTES OF LAST MEETING
- 3. Accounts and Balance Sheet for the year ended 31 December 1995
- 4. REPORT OF THE COUNCIL TO THE MEMBERS
- 5. Election of Members to the Council
- 6. Fixing the Auditors' Remuneration

By order of the Council,

J. ROUGHAN, Secretary

Registered Office, 4 Burlington Road, Dublin 4

4th June 1996



THE ECONOMIC & SOCIAL RESEARCH INSTITUTE

The Economic and Social Research Institute is a non-profit organisation which was founded in 1960 as the Economic Research Institute with the help of a grant from the Ford Foundation of New York. In 1966, following a report by a United Nations special adviser, the Institute assumed responsibility for social research and extended its title to The Economic and Social Research Institute.

The Institute is a private company, limited by guarantee, incorporated under the Companies Acts 1908-1990, and enjoys full academic independence. It is governed by a Council consisting of 30 members, in addition to the President and the Director, appointed from the general members of the Institute and representative of business, trade unions, government departments, state agencies, universities and other research institutes. A committee of the Council, the Executive Committee, carries out the functions of the Institute's Board of Directors.

The Institute receives an annual grant-in-aid from the Irish Government which, in 1995, covered approximately 37 per cent of total expenditure. The remainder of its income is generated from commissioned research projects, sponsorship of Institute activities by Irish business, membership subscriptions and sales of publications. The most important resource of the Institute is its high-quality staff with the requisite academic standards, training and expertise. The total number of full-time research staff at the Institute is 40. The results of the Institute's research have been included in over 500 published reports, in addition to the volumes of the *Quarterly Economic Commentary* and the *Medium-term Review of the Irish Economy*, as well as in numerous books, articles in academic journals, etc., published elsewhere.

esri

ANNUAL REPORT

FOR THE YEAR ENDED 31 DECEMBER 1995

CONTENTS |

	Page
Foreword	1
REPORT OF THE COUNCIL	3
Appendix A(i)	
CONTRIBUTORS TO THE ESRI	
Fund-Raising Campaign	10
Appendix A(ii)	
ESRI Fund-Raising Committee 1995	11
Appendix B	
Staffing	12
Appendix C	
RESEARCH PROJECTS IN PROGRESS	
AT 31 DECEMBER 1995	16
Appendix D	
Corporate and Individual Members	
OF THE INSTITUTE	21
The Audited Final Accounts for the Ended 31 December 1995 are publi separately. A copy of the Final Acci is circulated with each <i>Annual Repo</i>	shed ounts

The Annual Report for the Year Ended 31 December 1995 is supplemented by the *Review of ESRI Research in 1995* and by the *List of ESRI Publications* which are published separately.

(8)

Vince this is the last occasion on which I will have the privilege of writing a Preface to the ESRI Annual Report, perhaps I may be permitted to intrude a personal note. I plan to retire as Director of the ESRI in October 1996, having completed 25 years as Director.

I would like to thank the many people - far too numerous to mention individually - who gave unstinting support to me and to the Institute over that period. I was fortunate in having an idyllic relationship with the Council and Executive Committee of the Institute.

FOREWORD



Professor Kieran A. Kennedy Director

The members of the Executive Committee are all prominent persons who give freely of their time, without any material recompense whatever, to guide and sustain the Institute. In particular, I benefited from the advice, guidance and friendship of a succession of gifted Chairpersons.

I am very proud of the staff that has been developed at the Institute - not only the current staff but also former staff members, many of whom have risen to

prominent positions elsewhere in the academic world, public life, and business. The staff are the Institute's best resource and I would like to pay tribute to the excellent reputation they have built for the Institute.

I would like to thank the individual and corporate members of the ESRI and the many other agencies in both the public and private sectors who have provided financial support to the Institute - either in the form of untied contributions or commissioned research. The Institute has been fortunate in the last ten years in being able to mobilise a succession of outstanding Fund-raising Committees, the members of which gave an immense amount of time to the difficult task of raising funds for the Institute.

Finally I would like to thank the media personnel who have given such prominence to the work of the Institute, and who have invariably treated the Institute fairly in their coverage.

Procedures are currently in train for the appointment of my successor. I can wish the new Director nothing better than that he/she will enjoy the same universal support that was accorded to me.



THIRTY-SIXTH ANNUAL REPORT FOR THE YEAR ENDED 31 DECEMBER 1995

REPORT OF THE COUNCIL I

INTRODUCTION

During 1995 twenty-one substantive reports were published either by the Institute or by outside organisations, in addition to papers presented at conferences and seminars, technical and working papers and journal articles. In addition, thirty-nine commissioned reports were completed and fourteen surveys were undertaken for outside organisations.

Major research was completed during the year in the areas of economic forecasting, industrial development, the economies of Ireland - North and South environmental policy issues including solid waste management, sustainable economic development and the costs and benefits of environmental protection, energy utilities and competitiveness and efficiency in energy supplies, regional issues, employment and unemployment, various aspects of education, training, health, housing, the elderly, poverty and social change. In the area of the international environment, the single market in Europe, financial and fiscal policies, the Community Support Framework and its impact on the EU periphery, Europe's response to unemployment and various issues in the development, reform and financing of

health care services in OECD and developing countries, were major themes.

Three very successful conferences were organised by the Institute during 1995. The first held in February 1995 under the auspices of the ESRI Energy Policy Research Centre addressed the issue of how Irish energy utilities could best be re-organised to increase value for money for the customers. The conference agenda included presentations on the restructuring of energy utilities in Northern Ireland, Britain and the Nordic countries. The second conference held in March 1995 on "The Two Economies of Ireland", examined the range of economic policies in both parts of Ireland which have determined past performance and will condition future progress. The conference derived from the three-year research programme of research (1992-1995) conducted jointly by the ESRI and the Northern Ireland Economic Research Council (NIERC). The third conference in May 1995 was organised by the ESRI Banking Research Centre and examined the progress to date and the prospects for the future of the single financial market in Europe.

During 1995 seventeen new research projects were commenced by staff of the Institute in the following areas:

- European Union: aggregate effects of the internal market on periphery areas, evaluation of human resource components of the CSF;
- Economic Growth and Industrial Development: competitive advantage in selected sectors of industry;
- (iii) Energy and the Environment: indicators of sustainable development, economic instruments supporting environmental policy;

- (iv) Banking and Finance: bank credit and resources, the non-tradable sector;
- (v) Population and the Labour
 Force: occupational forecasts and their implications for educational qualifications;
- (vi) Education: effects of the reform of the Junior Certificate on participation, performance and employment;
- (vii) Social Welfare Issues: implications of demographic trends, microsimulation of taxes, benefits and incentives;
- (viii) Other Social Issues: minority religious communities in Ireland, challenges of peace in Ireland, occupational and self employed pension schemes.

At the end of 1995 forty-three major research projects were in progress at the Institute. Further details of publications and new projects are given in a companion volume to the Annual Report, entitled *Review of ESRI Research in 1995*.

A YEAR OF CHANGE

At the Annual General Meeting of the Institute held in June 1995 Mr Maurice F. Doyle was elected President of the Institute to succeed Dr T.F. Ó Cofaigh who had been President of the Institute since 1987. Mr Doyle has made outstanding contributions in the areas of the public service both in his capacity as Secretary of the Department of Finance (1981-1987) and as Governor of the Central Bank of Ireland (1987-1994). He brings to the position of President a vast experience in national and international affairs gained through his



involvement as Irish representative in OECD and EC regional, monetary and economic policy committees, membership of the Committee of Governors of the Central Banks of the European Community and Vice-President of the European Monetary Institute.

In November 1995 Mr Joseph Harford succeeded Dr Eugene McCarthy as Chairman of the Institute. Mr Harford is President and Chief Executive of Yamanouchi (Ireland) Ltd and Director of Yamanouchi (UK) Ltd. He has published widely in the areas of environmental protection, communications and strategic planning. He has held posts of Chairman, President and Board Member of societies and federations of the pharmaceutical and chemical industries. His current activities include membership of Advisory Boards to Queen's University, UCD and DCU.

More recently Professor Kieran A. Kennedy has announced his retirement from the position of Director of the Institute to take effect in October 1996. On his retirement Professor Kennedy will have served 25 years as Director. He was appointed as Director in 1971 having previously served in the Department of Finance and in the Central Bank of Ireland. His term as Director has coincided with considerable changes in the operation of the Institute particularly in the manner in which research is funded. In the early 1970s almost 90 per cent of the expenditure of the Institute was funded by the grant-in-aid from the Government. In 1995 the grant-in-aid amounted to 37 per cent of the Institute's income. The main source of the Institute's income - over 50 per cent is now derived from commissioned research. In 1995 ESRI income from commissioned research was £2.35 million. The following table indicates the sources of income from commissioned research.

Sources of ESRI Income from		
COMMISSIONED RESEARCH	1995	
	%	
Commission of the		
European Union -	推进量	
direct/indirect	30	
Government Departments	37	
State Agencies	15	
Other - including Irish		
business and international		
organisations	<u>18</u>	
Total	<u>100</u>	

Since the mid-1980s, Professor Kennedy, together with Dr T.F. Ó Cofaigh. Chairman of the Fund-Raising Campaigns of 1985 and 1990 and currently Mr G.T. Paul Conlon, Chairman of the 1995-2000 Fund-Raising Committee, supported by leading figures in both the public and private sectors, initiated three fundraising campaigns which has raised nearly £5 million to fund economic and social research undertaken at the Institute. Throughout his period as Director, Professor Kennedy has maintained a substantial personal research output. He was an early and persistent advocate of restoring order to the public finances, but his most powerful advocacy was aimed at focusing the nation's attention on the problem of unemployment.

The Council and Executive Committee wish to express their deep appreciation to Dr Ó Cofaigh and Dr McCarthy for their leadership through a difficult period of reorganisation for the Institute and to Professor Kennedy for his enormous contribution to the Institute during the past 25 years. Professor Kennedy will continue his association with the Institute in a part-time research capacity. The procedures for the appointment of a successor are already well advanced and a new Director will be appointed shortly.

ESRI Fund-raising Campaign 1995-2000

The work of the ESRI Fund-Raising Committee 1995 was initiated in March 1995 under the Chairmanship of Mr G.T. Paul Conlon. The objectives of the campaign were to create a reserve fund for, inter alia, to meet fluctuations in the flow of funded research and to maintain and extend the flow of funds for the operation of ESRI Research Centres and longer-term programmes of research. The work of the Committee has been very successful. Financial support in the region of £1.25m has been committed by firms and organisations over the five-year period 1995-2000 which will provide a reserve fund to be managed by the Economic and Social Research Trust. A list of organisations which have agreed to contribute to the fund is provided in Appendix A(i).

Considerable success has also been achieved in continuing support for Research Centres and longer-term programmes of research at the ESRI. During 1994/95 two new Research Centres were inaugurated as follows:

- The Environmental Policy Research
 Centre, supported by the Department
 of the Environment, has completed
 major research projects on waste
 water services, the economics of
 solid waste management in Ireland
 and the formulation of indicators of
 sustainable economic development.
 Members of the Centre are also
 engaged in EU funded environmental research projects in the
 European periphery areas.
- The Educational Policy Research
 Centre, supported by the Department
 of Education, was inaugurated in
 August 1995. An initial work
 programme for the Centre has been
 agreed in the areas of labour market
 outcomes for those leaving the
 various stages of post-primary and
 third-level education and Junior and
 Leaving Certificate pupils own views
 and opinions of their educational
 experiences in schools of various
 types.

The following table provides a list of research centres at present in operation at the Institute:

Research Centre	Supporting Organisations
Banking Research Centre:	AIB Group plc;
第一次 2 世 年 2 世 1 世 1 世 1 世 1 世 1 世 1 世 1 世 1 世 1 世	Bank of Ireland;
	Ulster Bank plc;
	Woodchester Credit Lyonnais
Educational Policy Research Centre:	Department of Education
Energy Policy Research Centre:	Bord Gais;
等。 第二次 第二次 第二次 第二次 第二次 第二次 第二次 第二次 第二次 第二次	Bord na Móna;
	Electricity Supply Board;
	Irish National Petroleum Corporation
Environmental Policy Research Centre:	Department of the Environment
Health Policy Research Centre:	Department of Health



The following longer-term funded programmes of research are in operation:

- Central Bank Research Programme
- FÁS/ESRI Manpower Forecasting Programme
- Department of Social Welfare Research Programme
- Irish Trade Board: monitoring the world economy
- Department of Health: Hospital Inpatient Enquiry

The continuation and development of research centres and agreed longer-term programmes of research funded by the various organisations are welcomed by the Institute. Since the sponsoring firms and organisations play a major role in determining the research programmes being undertaken, the results are of direct relevance and value in their strategic planning and help in the formulation of consistent and sensible national policies for the sectors. As with all ESRI research the results are made widely available through publication subject only to academic assessment of quality.

The Council wishes to acknowledge the support of all the firms and organisations and to thank them for their very generous sponsorship of Institute activity. The Council also wishes to thank the members of the ESRI Fund-Raising Committee for their wholehearted support without which the fund-raising campaign would not have been a success. A list of the members of the Committee is provided in Appendix A(ii). The Committee, as constituted, has completed its task. The Economic and Social Research Trust will continue to monitor the fund-raising activities of the Institute.

The success achieved during the fund-raising campaign in obtaining the support of firms and organisations in sponsoring research has enabled the Institute to initiate research in important areas that would otherwise be neglected. It does not provide a long-term solution to funding of the research carried out in the national interest and available to all. There are severe limits to the number of sponsors who are prepared to finance such research. Accordingly the Government grant-in-aid to the Institute remains the critical source of funding for independent research.

COUNCIL CHANGES

As mentioned above, in June 1995
Dr T.F. Ó Cofaigh retired as President of the Institute. Mr M.F. Doyle was elected as President to succeed him. In
November 1995 Dr E. McCarthy retired as Chairman of the Institute. Mr J. Harford was elected as Chairman to succeed him. During the year Mr L. Connellan, Dr M. Downes, Professor I. Graham, Professor J. O'Connor and Mr F.
McGovern retired from the Council.
Mr G.T. Paul Conlon, Mr A. Kane,
Mr M.J. Meagher, Professor S. Mennell and Ms M. O'Connor were elected or co-opted to the Council.

FINAL ACCOUNTS 1995

The Income and Expenditure Account, Balance Sheet and Auditors Report for the year ended 31 December 1995 are circulated with this Report. Total income for the year was £3,854,137 and the Government grant-in-aid was £1,406,000. Income from other sources amounted to £2,448,137. Current expenditure for the year amounted to £3,844,914 including depreciation of £9,436.

Member of Council: **Donal Nevin**

Member of Council: Tomás Ó Cofaigh



APPENDICES

he Institute wishes to acknowledge the very generous support it has received from the following who contributed to the Institute's fund-raising campaign.

APPENDIX A(i)

Aer Rianta

AIB Group

Association of Secondary Teachers, Ireland

Bank of Ireland

Banque Nationale de Paris

Barclays Bank plc Bitech Engineering Bord Gais Eireann Bord na Móna

Cadbury Ireland Ltd

Cantrell & Cochrane Group Ltd Cement Roadstone Holdings Central Bank of Ireland

Ciba Geigy Citibank NA Coillte Teoranta

Communications Workers Union

Craig Gardner

Custom House Docks Development Authority

DCC plc

Deloitte & Touche

Dresdner International Finance plc

Electricity Supply Board Educational Building Society First National Building Society

Gallagher (Dublin) Ltd Golden Vale plc Guinness Ireland Ltd Hibernian Group plc IAWS Group plc

ICC Bank plc

Irish Fertilizer Industries

Indecon Economic Consultants

ING Bank

Irish National Teachers' Organisation

Irish Biscuits Ltd

Irish Distillers Group plc Irish Intercontinental Bank

Irish National Petroleum Corporation

Irish Nurses Organisation Irish Pensions Trust Ltd

MSF (Manufacturing, Science & Finance)

Murphy Brewery Ireland Ltd Nestle Distribution Ireland New Ireland Assurance Co plc

Norwich Union

An Post

Pfizer Pharmaceuticals Production Corporation

Power Supermarkets Ltd RTE - Radio Telefis Eireann

Smurfit Ireland Ltd Superquinn Ltd TSB Bank TUI

Ulster Bank Trust

Voluntary Health Insurance Board Woodchester Credit Lyonnais Yamanouchi (Ireland) Ltd

APPENDIX A(ii)

Mr G.T. Paul Conlon, Chairman

Mr John Bourke Chairman, Irish Permanent Building Society plc

Mr Donal A. Byrne Chairman, Cadbury Ireland Ltd.

Mr Adrian D. Daly

Managing Director, Hibernian Life Ltd.

Mr John Donnelly
Consultant, Deloitte & Touche

Mr Joseph Harford
Chief Executive, Yamanouchi Ireland
Co. Ltd.

Mr Liam P. Healy Chief Executive, Independent Newspapers plc.

Mr Kevin J. Kelly
Group Financial Director, AIB Group
plc.

Professor Kieran A. Kennedy Director, ESRI

Mr Joseph McCabe

Director, Killeen Investments Ltd.

Mr William M. McCann Chairman, Electricity Supply Board Dr Eugene McCarthy
Director, Woodchester Investments plc

Mr Sean MacHale
Owner-Director, Sean MacHale &
Associates

Mr Patrick Mullarkey Secretary, Department of Finance

Dr Tomás F. Ó Cofaigh President, ESRI, 1987-1995

Mr Maurice O'Connell Governor, Central Bank of Ireland

Mr Stephen O'Connor Chairman, An Post

Sir George Quigley Chairman, Ulster Bank Ltd.

Dr Michael J. Somers

Chief Executive, National Treasury

Management Agency

Mr Colin A. Storm

Managing Director, Guinness Ireland
Ltd.

Mr Padraic A. White Chairman, Northside Partnership Ltd.



APPENDIX BI

1. Staff at 31 December 1995

Director K. A. Kennedy

Assistant Director (Admin.) & Secretary
J. Roughan

RESEARCH STAFF

Consultant

R. O'Connor

Research Professors

J. Bradley, D. Conniffe,

J. Fitz Gerald, D.F. Hannan (Head of Sociology and Social Policy),

E. Henry, P. Honohan,

B. Nolan, J.J. Sexton,

B.J. Whelan

(Head of Survey Unit),

C.T. Whelan

Senior Research Officers

T.J. Baker, T. Callan,

G. Hughes, E.O'Malley,

M. Wiley

Research Officers

A. Barrett, T. Fahey,

P.J. O'Connell, S. Scott,

D. Watson, J. Williams

Assistant Research Officers

J. Lawlor, E. Smyth

Research Assistants

F. Duggan, J. Johnston,

J. Kelly, J. McCartan,

S. McCoy, F. McGinnity

Statistical Assistants/Analysis

A. Canny, B. Merriman,

C. Van Egeraat, J. Walsh

GENERAL SERVICES AND SURVEY UNIT

Executives and Secretaries

J. Bourke

(Data Entry & Data Management),

P. Browne (Desk-top Publishing),

P. Byrne

(Assistant Director's Secretary),

M. Cagney (Surveys),

M. Cleary (General Office),

A. Clifton (Systems Analyst),

P. Devlin (Coding and Data Entry),

P. Hopkins (Printing),

R. MacCarthy (Data Processing),

M. McElhone (Editing),

R. Moore (Desk-top Publishing),

D. Neiland (Accounts),

C. O'Regan (Administration),

F. O'Sullivan (Director's Secretary),

M. Rohan (Librarian),

J. Ryan (Systems Administrator)

Clerical Officers

- B. Clancy, R. Costello,
- A. Curran, B. Forde,
- M. Galvin, P. Hughes,
- P. Needham, E. Power

Clerical Assistants

- S. Blackwell, G. Hamill,
- F. Magee, A. O'Connell,
- F. Rhatigan, N. Rowley,
- B. Ryan

CONTRACT STAFF ON HOSPITAL

INPATIENT ENQUIRY

- M. Glynn, C. Mitchell,
- D. Murphy, A. Purcell, N. Wall

PORTERS/MESSENGERS

J. Bates (Head), G. Garbutt

CATERING AND CLEANING

- R. Baker, P. Barry, A. Dent,
- M. Duffy, M. Heeney
- (Cleaning Supervisor),
- P. Hiney (Catering Supervisor),
- B. Nolan, M. O'Reilly

STAFF MEMBER ON SECONDMENT

K. O'Higgins (Health Research Board)

T.K. WHITAKER RESEARCH FELLOWSHIP

F. Ó Muircheartaigh

(Department of the Marine)

POSTGRADUATE FELLOWSHIPS (ABROAD)

- J.A. Curtis, M. Lyons,
- N. O'Donnell, C. O'Donoghue,
- R. O'Leary, C. O'Reardon,
- N. Sheridan

2. OTHER STAFF COMMITMENTS

A number of staff continued to perform a limited amount of teaching in the universities and in other forums of professional or adult education. The staff of the Institute also participated in a number of national and international conferences.

J. BRADLEY

(i) Member, Editorial Advisory Board, Economic Modelling.

T. CALLAN

- (i) Member, Working Group on Tax and Welfare Integration.
- (ii) Member, Working Group on Poverty and Welfare in Ireland, Combat Poverty Agency, Department of Social Welfare.
- (iii) Member, Commission on the Family.

D. CONNIFFE

(i) Council, Economic and Social Studies.

A. FAHEY

- (i) Chairperson, Trócaire Research Advisory Group.
- (ii) Member, Council for Research and Development, Catholic Bishops
 Conference of Ireland.
- (iii) Associate Editor (Production), European Sociological Review.

D.F. HANNAN

- (i) Council, Economic and Social Studies.
- (ii) Member, Home School Liaison Committee, Department of Education.
- (iii) Member, Board of Combat Poverty Agency.
- (iv) Member of R.I.A. Social Sciences
 Committee and of Irish Social
 Science Research Council.

P. HONOHAN

- (i) Member, National Economic and Social Council.
- (ii) Research Fellow, Centre for Economic Policy Research, London.
- (iii) Council, Irish Economic Association.
- (iv) Member, Projects Committee, Foundation for Fiscal Studies.
- (v) Member, Steering Group for Industrial Development, Evaluation Unit, Department of Enterprise & Employment.
- (vi) Member, Editorial Board of *Irish Journal of Taxation*

G. HUGHES

- (i) Associate Editor of International Contributions to Labour Studies.
- (ii) Visiting Professor, University College Cork, Department of Economics.
- (iii) Member of Scientific Committee of the Applied Econometrics Association.

K.A. KENNEDY

- (i) Council, Economic and Social Studies.
- (ii) Vice-President, Statistical and Social Inquiry Society of Ireland.
- (iii) National Delegate to the Targeted Socio-economic Research Programme Management Committee under the EU Fourth Framework Programme 1994-1998.
- (iv) Member, EU Committee of Independent Experts on the MEANS Programme.

M. McELHONE

(i) Council, Economic and Social Studies.

B. NOLAN

- (i) Council, Economic and Social Studies.
- (ii) Member, Working Group on Poverty & Welfare in Ireland,

- Combat Poverty Agency and Department of Social Welfare.
- (iii) National Committee for Economics and Social Sciences - Royal Irish Academy.

R. O'CONNOR

- (i) Vice-President, Statistical and Social Inquiry Society of Ireland.
- (ii) Appointed by Western
 Bishops to "Council of the West".
- (iii) Committee for Administration
 Research in Department of Finance.
- (iv) Irish Co-operative Organisation
 Society Plunkett Award Committee.

K. O'HIGGINS

- (i) Council, Economic and Social Studies.
- (ii) Committee on Family Research, International Sociological Association.
- (iii) National Co-ordinating Committee on Drug Abuse.
- (iv) Member, Council for Social Welfare.

E. O'MALLEY

(i) Member, Research Advisory Group, Trócaire.

J. ROUGHAN

- (i) Secretary, Economic and Social Studies.
- (ii) Member, Board of Cerebral Palsy Ireland.

S. SCOTT

- (i) Member, National Minerals Policy Review Group.
- (ii) Member, Environmental Protection
 Agency Working Group on
 Economic Aspects for the
 Preparation of a State of the
 Environment Report for Ireland.
- (iii) Member of the Board of Nitrigin Éireann Teoranta.
- (iv) Member, Editorial Committee on Environmental Policy for the Institute for European Affairs.



J.J. SEXTON

- (i) Committee on Manpower Trends, Higher Education Authority.
- (ii) Vice-President, Statistical and Social Inquiry Society of Ireland.
- (iii) Irish Correspondent, EU
 (DGV) Information System
 Employment (SYSDEM).
- (iv) Irish correspondent to SOPEMI, the OECD International Reporting System on Migration.
- (v) Irish correspondent on RIMET EU(DGV) Network on Third CountryWorkers.
- (vi) Member, Board of Management,St Vincent's Hospital, Fairview.

B.J. WHELAN

- (i) Member, Scientific Board on Statistics for Monitoring the Situation of Vulnerable Household Groups in the EU.
- (ii) Irish Representative, EU Advisory
 Committee on Pan European Panel
 Study.
- (iii) Member, Steering Committee,European Foundation Networkon Panel Surveys.
- (iv) Member, National Committee for Economic and Social Sciences, Royal Irish Academy.
- (v) External Examiner to Ph.D. in Tilburg University, The Netherlands.
- (vi) Member, Working Group on Poverty and Welfare in Ireland, Combat Poverty Agency and Department of Social Welfare.
- (vii) Member, Research and Methodology Committee of the European Community Household Panel, Eurostat.
- (viii) Member, EC study group on Large Scale Facilities in the Social Sciences, DG XII.

C.T. WHELAN

(i) Member, Working Group on Poverty and Welfare in Ireland, Combat Poverty Agency and

- Department of Social Welfare.
- (ii) Member, Editorial Board of European Sociological Review
- (iii) Joint Editor, *The Economic and Social Review*.

M. WILEY

- (i) Member, Health Research Board and Chairperson, Health Services Research Committee, Health Research Board.
- (ii) Member, Research Committee, St. Michael's House (Dublin).
- (iii) Member, Foundation Projects Committee, Irish College of General Practitioners.
- (iv) Member, Council of the Statistical and Social Inquiry Society of Ireland.

3. Fellowships awarded in 1995

ESRI Fellowships for post-graduate study abroad were awarded during the year as follows:

J. CURTIS

University of Maryland, USA, Ph.D. in Economics

M. LYONS

Queen's University Belfast, Ph.D. in Sociology

N. O'DONNELL

European University Institute, Florence, Ph.D. in Economics

C. O'DONOGHUE

London School of Economics, Ph.D. in Social Statistics

R. O'LEARY

Nuffield College, Oxford, Ph.D. in Sociology

C. O'REARDON

Wolfson College, Oxford, Ph.D. in Political Economy

N. SHERIDAN

Johns Hopkins University, USA, Ph.D. in Economics



APPENDIX C

Researchers	Projects	Present Stage	Next Stage
I ECONOMIC I	Forecasting and Modelling	3	
T.J. Baker, D. Duggan	Study of current trends in the Irish economy	Continuous	Published as QEC. Next issue: February 1996.
J. Fitz Gerald J. Johnston	Co-operation with D/ Finance on medium-term model: data bank model updating and model use.	Continuous	
J. Fitz Gerald, J. Johnston	Medium-term economic review and outlook for Ireland.	Revision of MTR model and updating of databank.	Next issue: May 1996
II ECONOMIC	Growth		
J. Bradley	The social and economic consequences of peace and economic reconstruction (for the Forum for Peace and Reconciliation)	Final revision completed.	Publication by Porum: February 1996
Photograph of the control of the con	Energy, Policy, Research, Centre, I	Projects:	
D. Conniffe	a) Econometric and statistical analyses of energy data.	Continuous.	
S. Scott J. Fitz Gerald J. Johnston	b) Development of an energy data base	Co-ordination with D/Tec on their involvement in study	Available to give advice.
S. Scott, J. Fitz Gerald J. Johnston	c) Energy conservation spin-offs (i) energy conversation and low income households; and (ii) energy conservation and market failure.	Continuous.	

Researchers	Projects	Present Stage	Next Stage
E. O'Malley, C. van Egeraat	European observatory for small and medium-size enterprises	Research in progress on 4th Annual Report.	Completion of 4th Annual Report: July 1996.
	Industrial Development Research	Centre Project:	
E. O'Malley, C. van Egeraat	Determinants of competitive advantage in selected Irish Sectors.	Research in progress	Draft report: June 1996.
	ENVIRONMENTAL POLICY RESEARCH C	ENTRE PROJECTS:	
J. Lawlor, A. Barrett, S. Scott	a) Economic instruments for environmental protection for peripheral EU economies.	Second draft of two chapters delivered.	Completion of report: January 1996
S. Scott B. Nolan T. Fahey	b) Formulation of indicators of sustainable economic development.	Revision following comments received.	Publication in ESRI PRS: February 1996:
S. Scott, A. Barrett, J. Lawlor, J. Fitz Gerald	Economic instruments supporting environmental policy.	Research in progress.	First draft: January 1996:
III THE INTERN	national Environment		
F. Barry, J. Bradley, A. Hannan, J. McCartan, A. Barrett, L. Modesto, S. Sosvilla-Rivero	A study of the aggregate effects of the internal market programme on Greece, Ireland, Portugal and Spain.	Preparation of draft final report.	Presentation of report to DG XV: February 1996.
T. Callan	Microsimulation analysis of taxes, benefits and work incentives.	First report submitted to OECD, Nov. 1995.	Awaiting comments from OECD.
P. Honohan	Impact of financial policy and fiscal incentives on saving	Final report to World Bank, April 1995.	Publication under consideration.
	Banking Research Centre Project		Company of the compan
P. Honohan, J. Kelly	Bank credit and bank resources:	First draft paper completed.	First paper to be circulated as Working Paper, Jan. 1996. 2nd paper: October 1996.
IV REGIONAL	ISSUES		
E.W. Henry, R. O'Connor	Regional accounts for Ireland (for DG XVI and CSO).	Draft final report on phase I submitted to DG XVI and CSO. December 1995	Revision/ completion of final report on phase I.

Researchers	Projects	Present Stage	Next Stage
V THE PUBLIC	SECTOR		
T. Callan, C. J. O'Neill C. O'Donoghue	Simulating welfare and income tax changes: The ESRI tax-benefit model.	Revision for publication.	Publication by ESRI: March 1996:
G. Hughes	Restructuring public expenditure social & other government expenditure in Ireland 1979-92 and development of expenditure on social welfare up to 2000.	first draft completed.	Awaiting funding for the preparation of second draft.
VI PRICES AND	INCOME		
J. Fitz Gerald, J. Johnston	Pricing and competitiveness in the non-tradable sector.	Résearch in progress	First draft: December 1997
VII DEMOGRAP	HY AND LABOUR		
A. Canny, G. Hughes, B.J. Whelan	National survey of occupational and self-employed pension schemes 1995.	Research in progress	First draft March 1996
A. Canny, G. Hughes	Occupational forecasts for 1998 for Ireland and their implications for educational qualifications (for CEDEFOP).	Report submitted to CEDEFOP, December 1995.	Publication by CEDEFOP.
T. Fahey, J. Fitz Gerald	Welfare implications of demographic trends.	Research in progress.	Completion of project: March 1996
	Joint FÁS/ESRI Manpower For	ecasting Programme	
G. Hughes, J.J. Sexton, A. Canny	(a) Occupational employment forecasts 2000	Preparation of forecasts for 2001.	Publication scheduled late 1996.
G. Hughes, J.J. Sexton, A. Canny	(b) Analysis of occupations and educational levels.	Work in progress,	Publication scheduled for mid-1996.
G. Hughes, P.J. O'Connell	The Ph.D. labour market and career patterns of Ph.D. graduates	Final draft submitted to Forbairt, Jan. 1995.	Preparation of draft for Policy Research Series.
P.J. O'Connell, J.J. Sexton	Ex-post evaluation of measures covered under Objectives 3 and 4 of the CSF in Ireland.	Report submitted to DoE&E and DG V, August 1995.	Preparation of draft for Policy Research Series.
J.J. Sexton, R. O'Leary	Analysis of trends in numbers in minority religious communities in the Republic of Ireland,	Report presented to Forum for Peace and Reconciliation December 1995.	Publication by the Forum: February 1996,



Researchers	Projects	Present Stage	Next Stage
B.J. Whelan, R. Breen, T. Callan, B. Nolan	Employer attitudes respect to the recruitment of long-term unemployed (for Dept. of Enterprise & Employment).	Preparation of second draft in progress.	External refereeing; February 1996
VII Social Po	LICY		
T. Callan, B. Nolan, B.J. Whelan, C.T. Whelan, J. Williams	European Community household panel in Ireland.	Wave 1 data file sent to Eurostat: Wave 2 fieldwork in progress.	Delivery of Wave 2 dataset, end-February 1996.
	SOCIAL WELFARE RESEARCH PRODEPT, OF SOCIAL WELFARE & CO	LESSA COLORS DE LA CARRESTA DE LA C	
T. Callan, B. Nolan, B.L. Whelan,	1) Poverty measurement.	Research in progress.	First draft report: January 1996.
J. Williams, J. Walsh	2) Tax-benefit modelling.	Research in progress	First draft report: Summer 1996.
R. Richardson	3) Assessment of policy changes 1987-1994.	Research in progress.	First draft report: Autumn 1996.
T.Callan, B. Nolan, G.T. Whelan	Adequacy of social welfare rates (for Dept. of Social Welfare)	Research in progress.	Report to Dept: March 1996,
D. Hannan R. O'Leary E. Smyth	Effects of educating girls in single-sex or co-educational schools on the level and type of educational attainment.	External refereeing completed.	Preparation for publication by Oak Tree Press in association with ESRI: April 1996.
B. Nolan, C.T. Whelan	Resources, deprivation and poverty.	Copy editing completed.	Publication by Oxford University Press: 1996
B. Nolan, C.T. Whelan, J. Williams	Contexts of poverty (for Combat Poverty Agency).	Research in progress.	Report to CPA: March 1996.
	HEALTH POLICY RESEARCH CENT	re Projects:	
D. Conniffe	a) Updating of data and statistical analyses of relevance to Gentre projects.	Continuous	
P. Murray	b) Drinking, smoking and media-based no-smoking intervention: analysis of recent state-wide studies on young people.	Report submitted to Department of Health, December 1995	Project completed.
P. Murray	c) Promoting better health through lifestyle change	Review of second draft in progress.	External refereeing.

Researchers	Projects	Present Stage	Next Stage
	### ##################################		
M.M. Wiley, A. Clifton, B.J. Whelan, P. Devereux	d) Activity in acute hospitals in Ireland, 1990	Final report submitted to Department of Health, June 1994.	Publication.
M.M. Wiley, B. Merriman	e) National study of women's health needs (for Nat. Maternity Hospital)	Second report submitted to NMH, June 1994. Final report submitted Dec. 1995.	Consideration for publication.
M.M. Wiley, A. Leahy, D. Bouchier- Hayes	f) Study of the implementation and evaluation of computer-based surgical audit in selected Irish hospitals	Report completed.	Submission of report to funding agency: Spring 1996.



APPENDIX DI

CORPORATE MEMBERS

ABBOTT LABORATORIES IRELAND LTD., 70 Broomhill Road, Tallaght, Dublin 24 ABILITY EDUCATION CENTRE, Carriage Road, Navan, Co Meath

ACCOUNTANCY & BUSINESS COLLEGE, Little Longford Street, Dublin 2

ACCOREXEL LTD.,

Phoenix Industrial Estate, Castleknock, Dublin 15 AER RIANTA,

Head Office, Dublin Airport, Co. Dublin ACC PLC.,

Upper Hatch Street, Dublin 2

AIB GROUP PLC,

Bankcentre, Ballsbridge, Dublin 4

AKZO NOBEL DECORATIVE COATINGS LIMITED,

Malahide Road, Dublin 17

ABN AMRO Bank N.V.,

121/122 St Stephen's Green, Dublin 2

AIB INVESTMENT MANAGERS,

Investment House, Percy Place, Dublin 4

AMDAHL IRELAND LTD.,

Swords, Co. Dublin

ANSBACHER & COMPANY LIMITED.

52 Lower Leeson Street, Dublin 2

ARDAGH MANAGEMENT LIMITED,

14 Ely Place, Dublin 2

ARDEE COMMUNITY SCHOOL,

Ardee, Co. Louth

ARDSCOIL PHADRAIG,

Granard, Co. Longford

ARNOTTS DUBLIN PLC,

P. O. Box 406, 12 Henry Street, Dublin 1

ARTHUR ANDERSEN & COMPANY,

Andersen House, Harbourmaster Place, Dublin 1

ASH IRELAND - Action on Smoking and Health, 4 Lower Hatch Street, Dublin 2

ASSOCIATION OF COMMUNITY

& COMPREHENSIVE SCHOOLS,

2 Herbert Ave., Dublin 4

ASSOCIATION OF HIGHER CIVIL SERVANTS,

4 Warners Lane, Dartmouth Road, Dublin 6

ASSOCIATION OF SECONDARY TEACHERS, IRELAND,

ASTI House, Winetavern Street, Dublin 8 ATHLONE REGIONAL TECHNICAL COLLEGE,

The Library, Dublin Road, Athlone, Co. Westmeath

BALLINCOLLIG COMMUNITY SCHOOL,

Innishmore, Ballincollig, Co. Cork

BALLYFERMOT SENIOR COLLEGE,

Ballyfermot Road, Dublin 10

BANK OF IRELAND,

Head Office, Lower Baggot Street, Dublin 2

BANQUE NATIONALE DE PARIS (Dublin Branch) LTD.,

111 St Stephen's Green, Dublin 2

BARRY'S TEA LIMITED.

Kinsale Road, Cork

BAYER (IRELAND) LTD.,

Industrial Estate, Kill 01 The Grange, Dun Laoghaire,

Co Dublin

BECTON DICKINSON & CO. LTD.,

Pottery Road, Dun Laoghaire, Co. Dublin

BISHOPSTOWN COMMUNITY SCHOOL,

Bishopstown, Co. Cork

BITECH ENGINEERING,

Dunleer, Co Louth

BLOXHAM STOCKBROKERS.

11 Fleet Street, Dublin 2

BOC GASES IRELAND LIMITED,

BOOTS HEALTHCARE LIMITED,

P. O. Box 201, Bluebell, Dublin 12

Parkview House, Beech Hill Office Campus,

Clonskeagh, Dublin 4

AN BORD ALTRANAIS,

11 Fitzwilliam Place, Dublin 2



AN BORD BIA (IRISH FOOD BOARD). CHAMBERS OF COMMERCE OF IRELAND, Elm House, Clanwilliam Court, Dublin 2 22 Merrion Square, Dublin 2 BORD. FAILTE, CHASE MANHATTAN BANK (IRELAND) PLC. Baggot Street Bridge, Dublin 2 La Touche House, International Financial BORD GAIS EIREANN. Services Centre, Dublin 1 P. O. Box 51, Inchera, Little Island, Cork CHRISTIAN BROTHERS COLLEGE. BORD IASCAIGH MHARA, Monkstown Park, Dun Laoghaire, Co. Dublin Crofton Road, Dun Laoghaire, Co. Dublin CIBA/GEIGY AGRO LTD., BORD NA MÓNA. Industrial Estate, Waterford Main Street, Newbridge, Co. Kildare CIE, Group Business Planning, AN BORD TRACHTALA, Heuston Station, Dublin 8 Merrion Hall, Strand Road, Sandymount, Dublin 4 CIGNA INSURANCE COMPANY OF EUROPE, THE BORDEN COMPANY LIMITED, 5 Fitzwilliam Square, Dublin 2 West End, Mallow, Co. Cork CIRCA GROUP EUROPE L'TD, BRAY V.E.C., 62 Kenilworth Square, Dublin 6 V.E.C. Administrative Offices, Unit 1, CITIBANK, N.A., Market Court, Bray, Co Wicklow 71 St Stephen's Green, Dublin 2 BRAZILIAN EMBASSY, CITY OF GALWAY VOCATIONAL Europa House, Harcourt Centre, Harcourt Street, EDUCATION COMMITTEE, Dublin 2 Island House, Cathedral Square, Galway BRIGIDINE PROVINCIALATE, CIVIL AND PUBLIC SERVICE UNION, Castletown Road, Mountrath, Co. Laois 72 Lower Leeson Street, Dublin 2 BRITISH EMBASSY, CLANCOURT MANAGEMENT LTD., 31/33 Merrion Road, Dublin 4 12 Merrion Square, Dublin 2 THE BRITISH LIBRARY, CLARE COUNTY COUNCIL, Serials Acquisitions, Document Supply Centre, The Courthouse, Ennis, Co. Clare Boston Spa, Wetherby, West Yorkshire LS23 7BQ H.E. CLISSMAN, BRUCESHAW PARTNERSHIP, 44 Dartmouth Square, Dublin 6 28 Fitzwilliam Place, Dublin 2 COCA-COLA ATLANTIC, BURMAH/CASTROL (IRELAND) LTD., Industrial Estate, Drogheda, Co. Louth Alexandra Road, Dublin 1 COLAISTE CHIARAIN, BWG FOODS LIMITED, Celbridge Road, Leixlip, Co. Kildare P. O. Box 1470, Greenhills Road, Walkinstown, COLLEGE OF ART, COMMERCE & Dublin 12 TECHNOLOGY (CoACT), Moylish Park, Limerick COLLEGE OF COMMERCE, CADBURY IRELAND PLC. Rathmines Road, Dublin 6 COLLINSTOWN PARK COMMUNITY COLLEGE, Coolock, Dublin 5 CALOR TEORANTA, Rowlagh, Clondalkin, Dublin 22 Long Mile Road, Dublin 12 COMBAT POVERTY AGENCY, CARLOW REGIONAL TECHNICAL COLLEGE, 8 Charlemont Street, Dublin 2 Kilkenny Road, Carlow COMMISSION OF THE EUROPEAN UNION, P.J. CARROLL & COMPANY LTD., Brussels, Belgium Burton Hall Park, Sandyford, Dublin 18 COMMISSION OF THE EUROPEAN UNION. 39 Molesworth Street, Dublin 2 CAVAN COUNTY COUNCIL, COMMUNICATIONS WORKERS' UNION, Courthouse, Cavan CAVAN VOCATIONAL SCHOOL, 575 North Circular Road, Dublin 1 Cullies, Cavan CONSTRUCTION INDUSTRY FEDERATION. CBF The Irish Livestock and Meat Board, Federation House, Canal Road, Dublin 6 CO-OPERATION NORTH, Clanwilliam Court, Lower Mount Street, Dublin 2 CENTRAL BANK OF IRELAND. 7 Botanic Avenue, Belfast BT7 1JG CORAL LEISURE (IRELAND) LIMITED, P. O. Box 559, Dame Street, Dublin 2 CENTRAL STATISTICS OFFICE, 25A Bridge Street, Ringsend, Dublin 4 CORK CITY LIBRARY, Earlsfort Terrace, Dublin 2 Grand Parade, Cork CENTRE FOR COOP. STUDIES, CORK CITY V.E.C., University College, Cork CENTRE FOR IRISH STUDIES, Crawford Art Gallery, Emmet Place, Cork CORK CO-OPERATIVE MARTS LTD., Catholic University of America, Washington D.C. P. O. Box 661, Wilton, Cork 20064, U.S.A. CORK CORPORATION, CERT LIMITED, City Hall, Cork CERT House, Amiens Street, Dublin 1

DUN & BRADSTREET INTERNATIONAL. CORK COUNTY COUNCIL, Holbrook House, Holles Street, Dublin 2 County Hall, Cork DUNDALK REGIONAL TECHNICAL CORK COUNTY LIBRARY, Farranlea Road, Cork COLLEGE, CORK COUNTY V.E.C.. College Library, Dundalk, Co. Louth County Hall, Cork DUN LAOGHAIRE SENIOR COLLEGE, CORK REGIONAL TECHNICAL COLLEGE, Eblana Avenue, Dun Laoghaire, Co. Dublin Rossa Avenue, Bishopstown, Cork CORNHILL INSURANCE PLC, Russell Court, St. Stephen's Green, Dublin 2 EAGLE STAR INSURANCE COMPANY COUNCIL FOR SOCIAL WELFARE, (IRELAND) LTD., 169 Booterstown Avenue, Blackrock, Co. Dublin Eagle Star House, Ballsbridge Park, Dublin 4 COUNTY & CITY MANAGERS' ASSOCIATION, EASON & SON LTD., Olaf House, 3337 Ushers Quay, Dublin 8 P. O. Box 42, 80 Middle Abbey Street, Dublin 1 CRAFTS COUNCIL OF IRELAND, EASTERN HEALTH BOARD, Powerscourt Townhouse Centre. P. O. Box 41A, 1 James's Street, Dublin 8 South William Street, Dublin 2 EDINBURGH UNIVERSITY LIBRARY, CRAIG GARDNER & CO., George Square, Edinburgh EH8 9LJ, Scotland Chartered Accountants, Gardner House, EDUCATION, DEPARTMENT OF, Wilton Place, Dublin 2 Marlborough Street, Dublin 1 CRH PLC, EDUCATIONAL RESEARCH CENTRE, Belgard Castle, Belgard Road, Clondalkin, St Patrick's College, Drumcondra, Dublin 9 Dublin 22 ELECTRICITY SUPPLY BOARD, CURTIN DORGAN ASSOCIATES. 27 Lower Fitzwilliam Street, Dublin 2 17 Adelaide Road, Dublin 2 ELGA WATER TREATMENT LIMITED, 127 Baldoyle Industrial Estate, Baldoyle, Dublin 13 ELIDA LEVER IRELAND LIMITED, DDFH&B. Belgard Industrial Estate, Belgard, Dublin 24 3 Christchurch Square, Dublin 8 ELI LILLY S.A., DELOITTE & TOUCHE. Dunderrow, Kinsale, Co. Cork Earlsfort Terrace, Dublin 2 EMI RECORDS, DEVELOPMENT CAPITAL CORPORATION 1 Ailesbury Road, Dublin 4 ENVIRONMENT, DEPARTMENT OF THE, LIMITED. DCC House, Stillorgan, Blackrock, Co. Dublin Custom House, Dublin 1 DHL INTERNATIONAL (I) LIMITED, ENVIRONMENTAL RESEARCH UNIT, Rohan Industrial Estate, Dublin 12 St. Martin's House, Waterloo Road, Dublin 4 DISABILITY FEDERATION OF IRELAND. **EOLAS** 2 Sandyford Office, Dublin 18 The Irish Science & Technology Agency, DOUGLAS COMMUNITY SCHOOL, Glasnevin, Dublin 9 L.M. ERICSSONS LIMITED, Clermont Avenue, Douglas, Cork DRESDNER INTERNATIONAL FINANCE PLC. Beechill, Clonskeagh, Dublin 4 La Touche House, International Financial ERNST & YOUNG, Services Centre, Dublin 1 Ernst & Young Building, Harcourt Centre, Dublin 2 DROGHEDA V.E.C., ESSO IRELAND LTD., King Street, Drogheda, Co. Louth Stillorgan, Co. Dublin DUBLIN CITY V.E.C., EUROPEAN PARLIAMENT, Town Hall, Ballsbridge, Dublin 4 43 Molesworth Street, Dublin 2 DUBLIN CITY UNIVERSITY. Glasnevin, Dublin 9 DUBLIN CORPORATION, City Hall, Dublin 2 Training and Employment Authority, DUBLIN COUNTY COUNCIL, 27/33 Upper Baggot St., Dublin 4 46/49 Upper 0'Connell Street, Dublin 1 FÁS DUBLIN COUNTY V.E.C., Programme Development, Main Road, Tallaght, Dublin 24 27/33 Upper Baggot Street, Dublin 4 DUBLIN INNER CITY PARTNERSHIP, FÁS. Equity House, 16/17 Upper Ormond Quay, Training Centre, Garrycastle, Athlone, Dublin 7

Co. Westmeath

Fifth Floor, Leinster House, Kildare Street, Dublin 2

FIANNA FAIL.

DUBLIN PORT & DOCKS BOARD.

Port Centre, Alexandra Road, Dublin 1

FINANCE, DEPARTMENT OF, Government Buildings, Upper Merrion Street, FINANCE & PERSONNEL, DEPARTMENT OF, Policy Planning and Research Unit, Parliament Buildings, Stormont, Belfast BT4 3SW, Northern Ireland FINE GAEL PARTY, 51 Upper Mount Street, Dublin 2 FIRST NATIONAL BUILDING SOCIETY, Skehan House, Booterstown, Co. Dublin FMC INTERNATIONAL. Wallingstown, Little Island, Cork FONDAZIONE REGIONALE, Viale Tunisia 2, 20124 Milan, Italy HENRY FORD & SON LTD., Cork FORFAS. Wilton Park House, Wilton Place, Dublin 2 FOREIGN AFFAIRS, DEPARTMENT OF, 80 St. Stephen's Green, Dublin 2 FOSROC EXPANDITE (IRELAND) LIMITED, Unit 45, John F. Kennedy Avenue, Bluebell, Dublin 12 FUJI PHOTO FILM (IRELAND) LTD., 78 Lagan Road, Glasnevin, Dublin 11 FYFFES GROUP IRELAND LIMITED, 1 Beresford Street, Dublin 7 GAEL-LINN, 26 Cearnog Mhuirfean, Baile Atha Cliath 2 GAELEO LTD., Little Island, Cork GALLAHER (DUBLIN) LTD., Virginia House, Greenhills Road, Tallaght, Dublin 24 GALWAY CORPORATION, City Hall, College Road, Galway GALWAY COUNTY COUNCIL, County Buildings, Prospect Hill, Galway GALWAY COUNTY LIBRARIES, Island House, Cathedral Square, Galway City GALWAY R.T.C., Dublin Road, Galway GANDON SECURITIES LTD., Andersen House, 1 Harbourmaster Place, Dublin 1 GARDA SIOCHANA COLLEGE, The Library, Templemore, Co. Tipperary GARDA SIOCHANA COMPLAINTS BOARD, Irish Life Centre, Lower Abbey Street, Dublin 1 GENERAL COUNCIL OF COUNTY COUNCILS, Unit 3, Greenmount House, Greenmount Office Park, Harold's Cross Road, Dublin 6W GENERAL MONITORS IRELAND LIMITED, Ballybrit Industrial Estate, Galway GERMAN-IRISH CHAMBER OF COMMERCE,

46 Fitzwiłliam Square, Dublin 6

Goldenbridge, Inchicore, Dublin 8

P. O. Box No. 700, Grange Road, Rathfarnham,

GILL AND MACMILLAN,

Dublin 16

GLAXO WELLCOME LIMITED,

GONZAGA COLLEGE. Sandford Road, Dublin 6 GOWAN DISTRIBUTORS LTD., Gowan House, Naas Road, Dublin 12 GREENCORE PLC., St. Stephen's Green House, Dublin 2 GUINNESS IRELAND LTD., St James's Gate, Dublin 8 HAMILTON OSBORNE KING. 32 Molesworth Street, Dublin 2 HARVARD COLLEGE LIBRARY, Cambridge, Massachusetts 02138, U.S.A. HEALTH & SAFETY AUTHORITY, 10 Hogan's Place, Dublin 2 HENDERSON (IRELAND) LIMITED, Westlink Industrial Estate, Kylemore Road, Dublin 10 HENLEY CENTRE IRELAND, 28 Upper Fitzwilliam Street, Dublin 2 HERON SUZUKI (IRELAND) LTD, 57 Broomhill Road, Tallaght, Dublin 24 HEWLETT PACKARD (IRELAND) LTD., Stradbrook Road, Blackrock, Co Dublin HGW PAINTS LTD., P. O. Box 45, Shandon Works, Commons Road, Cork HIGHER EDUCATION AUTHORITY, 21 Fitzwilliam Square, Dublin 2 HOECHST IRELAND LIMITED, Cookstown, Tallaght, Dublin 24 HOLY FAITH EDUCATION OFFICE, 6 St. Mary's Road, Ballsbridge, Dublin 4 HOLY FAMILY COMMUNITY SCHOOL, Rathcoole, Co. Dublin HOOKE & MACDONALD, 52 Merrion Square, Dublin 2 IBCA SOVEREIGN RATINGS LTD., Eldon House, 2 Eldon Street, London EC2M 7LS IBEC, Baggot Bridge House, 84/86 Lower Baggot Street, Dublin 2 IBM IRELAND LIMITED, 2 Burlington Road, Dublin 4 ICC BANK PLC, 32/34 Harcourt Street, Dublin 2 ICMSA. John Feely House, 15 Upper Mallow Street, Limerick IMPACT, Nerney's Court, Off Temple Street, Dublin 1 INCHICORE V.E.C., Emmet Road, Dublin 8 INDECON (IRELAND), Indecon House, Wellington Quay, Dublin 2 INDEPENDENT NEWSPAPERS PLC, Group Headquarters, 1/2 Upper Hatch Street, Dublin 2 INSTITUTE OF BANKERS, Nassau House, Nassau Street, Dublin 2

INSTITUTE OF PUBLIC ADMINISTRATION.

59-61 Lansdowne Road, Dublin 4



INTO, 35 Parnell Square, Dublin 1 KELLOGGS IRELAND LIMITED, INVESTMENT BANK OF IRELAND, Unit 4, Airways Industrial Estate, Clonshaugh, 26 Fitzwilliam Place, Dublin 2 Dublin 17 IRISH BISCUITS LIMITED, KERRY COUNTY COUNCIL, Belgard Road, Tallaght, Dublin 24 Rathass, Tralee, Co. Kerry IRISH CONGRESS OF TRADE UNIONS, KERRY COUNTY LIBRARY, 19 Raglan Road, Dublin 4 Moyderwell, Tralee, Co Kerry IRISH CO-OPERATIVE ORGANISATION KERRY COUNTY V.E.C., SOCIETY LTD., 24 Denny Street, Tralee, Co. Kerry Plunkett House, 84 Merrion Square, KILCORAN FINANCIAL SERVICES, Dublin 2 28 North Main Street, Youghal, Co Cork IRISH DISTILLERS GROUP LTD., KILDARE COUNTY COUNCIL, Bow Street Distillery, Smithfield, Dublin 7 St. Mary's, Naas, Co. Kildare IRISH DISTRIBUTIVE & ADMINISTRATIVE KILDARE COUNTY V.E.C, TRADE LINION Limerick Road, Naas, Co. Kildare 9 Cavendish Row, Dublin 1 KILKENNY COUNTY COUNCIL, IRISH EXPORTERS ASSOCIATION. John's Green, Kilkenny Holbrook House, Holles Street, Dublin 2 KILKENNY COUNTY V.E.C., IRISH FERTILIZER INDUSTRIES, Cashel House, Kells Road, Kilkenny Warrington Place, Dublin 2 KILLEEN INVESTMENTS IRELAND LIMITED, IRISH INDUSTRIAL EXPLOSIVES LTD., Lexus House, Killeen Road, Dublin 12 87/89 Waterloo Road, Dublin 4 IRISH INSURANCE FEDERATION, Russell Court, St. Stephen's Green, Dublin 2 LABOUR COURT, IRISH LEAGUE OF CREDIT UNIONS, Tom Johnson House, Haddington Road, Dublin 4 Castleside Drive, Rathfarnham, Dublin 14 LANESBORO V.E.C., IRISH LIFE ASSURANCE PLC, Lanesboro, Co. Longford Irish Life Centre, Lower Abbey Street, Dublin 1 LAOIS COUNTY COUNCIL, IRISH MANAGEMENT INSTITUTE. The Courthouse, Portlaoise, Co. Laois Sandyford Road, Dundrum, Dublin 14 LAOIS COUNTY V.E.C., IRISH MARKETING SURVEYS GROUP LTD., Ridge Road, Portlaoise, Co. Laois 20/21 Upper Pembroke Street, Dublin 2 LEITRIM COUNTY COUNCIL. IRISH MEDICAL ORGANISATION, Courthouse, Carrick-on-Shannon, Co. Leitrim 10 Fitzwilliam Place, Dublin 2 LETTERKENNY REGIONAL TECHNICAL IRISH NATIONAL PETROLEUM COLLEGE CORPORATION LTD., Letterkenny, Co Donegal Warrington Hse, Mount Street Crescent, Dublin 2 LIMERICK COUNTY COUNCIL, IRISH NURSES ORGANISATION, County Building, 80/83 O'Connell Street, Limerick 11 Fitzwilliam Place, Dublin 2 LIMERICK COUNTY V.E.C., IRISH PENSIONS TRUST LTD., 58 O'Connell Street, Limerick Hill Samuel House, 2528 Adelaide Road, Dublin 2 LIMERICK SENIOR COLLEGE, IRISH SHELL, Mulgrave Street, Limerick Shell House, Beech Hill, Clonskeagh, Dublin 4 LISNEY, IRISH STEEL LTD., 24 St. Stephen's Green, Dublin 2 Haulbowline, Cobh, Co. Cork LOCAL GOVERNMENT STAFF NEGOTIATIONS BOARD, THE IRISH TIMES LTD., 35/37 Usher's Quay, Dublin 8 11/15 D'Olier Street, Dublin 2 LOCTITE (IRELAND) LTD., IRISH VOCATIONAL EDUCATION Whitestown Industrial Estate, Tallaght, Dublin 24 ASSOCIATION, LONGFORD COUNTY COUNCIL, 99 Marlborough Road, Dublin 4 County Council Offices, Dublin Road, Longford LONGFORD COUNTY V.E.C., Vocational School, Battery Road, Longford JETRO (Japan External Trade Organisation), LORETO EDUCATION OFFICE. Confederation House, Kildare Street, Loreto Lodge, Foxrock, Dublin 18 Dublin 2 LSB COLLEGE, JOHNSON & JOHNSON (IRELAND) LIMITED, Balfe House, Balfe Street, Dublin 2 Belgard Road, Tallaght, Dublin 24 JONES LANG WOOTTON,

McCANN FITZGERALD,

30 Upper Pembroke Street, Dublin 2

10/11 Molesworth Street, Dublin 2

72/76 St. Stephen's Green, Dublin 2

JUSTICE, DEPARTMENT OF,

esri

McCONNELLS ADVERTISING SERVICE LIMITED, McConnell House, Charlemont Place, Dublin 2 McHUGH CONSULTANTS,

4 Mount Street Crescent, Dublin 2

J. & A. McINERNEY,

Huntstown House, Mulhuddart, Dublin 15

KIERAN McKEOWN LIMITED,

Economic & Social Research Consultants, 16 Hollybank Road, Drumcondra, Dublin 9

MAGUIRE AND PATERSON LIMITED,

Hammond Lane, Dublin 7

MARATHON PETROLEUM IRELAND LTD.,

Mahon Industrial Estate, Blackrock, Cork

MARINE, DEPARTMENT OF,

Leeson Lane, Dublin 2

MARINO INSTITUTE OF EDUCATION,

Griffith Avenue, Dublin 9

MARY IMMACULATE COLLEGE OF EDUCATION,

South Circular Road, Limerick

MASTERFOODS LTD.,

7/8 Harcourt Street, Dublin 2

MATLOCK BANK LIMITED,

Hesketh House, Portman Square, London W1A 4SU

MAYO COUNTY LIBRARY,

Mountain View, Castlebar, Co. Mayo

MAYO COUNTY V.E.C..

Newtown, Castlebar, Co. Mayo

MEATH COUNTY COUNCIL,

County Hall, Navan, Co. Meath

MERCK SHARP & DOHME (IRELAND) LTD.,

Ballydine, Kilsheelan, Clonmel, Co. Tipperary

MIDLAND HEALTH BOARD,

Arden Road, Tullamore, Co. Offaly

MMC COMMERCIALS LTD.,

Mitsubishi House, J.F.K. Drive, Naas Road, Dublin 12

MONAGHAN COUNTY LIBRARY,

The Diamond, Clones, Co. Monaghan

MSF UNION,

15 Merrion Square, Dublin 2

MUNICIPAL TECHNICAL INSTITUTE,

O'Connell Avenue, Limerick

MURPHY BREWERY IRELAND LTD,

Lady's Well Brewery, Cork

NATIONAL COLLEGE OF INDUSTRIAL RELATIONS, The Library, Sandford Road, Ranelagh, Dublin 6 NATIONAL COUNCIL FOR EDUCATIONAL AWARDS,

26 Mountjoy Square, Dublin 1

NATIONAL COUNCIL OF NURSES OF IRELAND,

11 Fitzwilliam Place, Dublin 2

NATIONAL ECONOMIC AND SOCIAL FORUM,

Government Buildings, Upper Merrion Street, Dublin 2

NATIONAL IRISH BANK LIMITED,

27 College Green, Dublin 2

NATIONAL ROADS AUTHORITY,

St Martin's House, Waterloo Road, Dublin 4

NATIONAL SOCIAL SERVICE BOARD,

71 Lower Leeson Street, Dublin 2

NATIONAL TREASURY MANAGEMENT AGENCY, Treasury Building, Lower Grand Canal St.,

Dublin 2

NATIONAL YOUTH COUNCIL OF IRELAND, 3 Montague Street, Dublin 2

NCB GROUP.

4853 Mount Street, Dublin 2

NEW IRELAND ASSURANCE CO PLC.

11-12 Dawson Street, Dublin 2

A.C. NIELSEN OF IRELAND LIMITED,

36 Merrion Square, Dublin 2

CHARLES NOLAN & SONS LTD.,

Devonshire Street West, Cork

NORTHERN IRELAND ECONOMIC COUNCIL,

2 Linenhall Street, Belfast

NORTHERN IRELAND ECONOMIC RESEARCH

CENTRE.

48 University Road, Belfast

O'CONNOR O'SULLIVAN LTD.,

52 Northumberland Road, Dublin 4

O'FLAHERTY HOLDINGS LIMITED,

33 Leeson Park, Dublin 6

OFFALY COUNTY COUNCIL,

The Courthouse, Tullamore, Co. Offaly

OFFALY COUNTY V.E.C.,

O'Connor Square, Tullamore, Co. Offaly

OFFICE OF THE OMBUDSMAN,

52 St Stephen's Green, Dublin 2

OFFICE OF PUBLIC WORKS,

51 St. Stephen's Green, Dublin 2

OGRA CHORCAI,

20 Patrick's Hill, Cork

OLD BAWN COMMUNITY SCHOOL,

Old Bawn, Tallaght, Dublin 24

ORGANISATION FOR ECONOMIC CO-OPERATION

AND DEVELOPMENT,

Main Library, 2 Rue Andre Pascal,

75775 Paris Cedex 16, France

PHELAN PRESCOTT & CO.,

Alton House, Herbert Street, Dublin 2
PHILIPS ELECTRONICS IRELAND LIMITED,

Newstead, Clonskeagh, Dublin 14 AN POST,

General Post Office, O'Connell Street, Dublin 1 PPI ADHESIVE PRODUCTS LTD.,

Industrial Estate, Waterford

PRESENTATION COLLEGE,

Athenry, Co. Galway

RADIO TELEFIS EIREANN,

Donnybrook, Dublin 4

RAIDIO NA GAELTACHTA,

Casla, Conamara, Co. na Gaillimhe

READYMIX PLC,

5/23 East Wall Road, Dublin 3

SIPTU, REHABILITATION INSTITUTE, Roslyn Park, Sandymount, Dublin 4 Liberty Hall, Dublin 1 REVENUE COMMISSIONERS, SISTERS OF LA SAGESSE SERVICES, Dublin Castle, Dublin 2 Cregg House, Sligo SLIGO REGIONAL TECHNICAL COLLEGE, RHONE POULENC RORER, 14 Deansgrange Industrial Estate, Blackrock, Ballinode, Sligo SLIGO CORPORATION. Co. Dublin RIADA & CO., Town Hall, Sligo 1 College Green, Dublin 2 SLIGO COUNTY V.E.C., RICHVIEW BROWNE & NOLAN, Riverside, Sligo Botanic Road, Dublin 9 SMITHKLINE BEECHAM, ROSCOMMON COUNTY COUNCIL, Corrig Avenue, Dun Laoghaire, Co. Dublin Courthouse, Roscommon SMITHKLINE BEECHAM (MANUFACTURING) LIMIED, ROSCOMMON COUNTY V.E.C., Currabinny, Carrigaline, Co. Cork SMURFIT GROUP SERVICES LTD. Lanesboro Street, Roscommon ROSCOMMON REGIONAL YOUTH SERVICE, Beech Hill, Clonskeagh, Dublin 4 Abbey Street, Roscommon SMURFIT COMMUNICATIONS DIVISION. ROSCREA VOCATIONAL SCHOOL, 126 Lower Baggot Street, Dublin 2 SMURFIT CORRUGATED CASES, Roscrea, Co. Tipperary ROSEMOUNT IRELAND, Ballymount Road, Walkinstown, Dublin 12 151 Industrial Estate, Shannon, Co. Clare SMURFIT IRELAND, ROYAL & PRIOR COMPREHENSIVE SCHOOL, Botanic Road, Glasnevin, Dublin 9 Raphoe, Co. Donegal SMURFIT PAPER MILLS. ROYAL INSURANCE CO. LTD., Clonskeagh Road, Clonskeagh, Dublin 6 1 College Green, Dublin 2 SMURFIT PARIBAS BANK LIMITED. R.S. SALES LIMITED, 94 St. Stephen's Green, Dublin 2 8 Hanover Quay, Dublin 2 SMURFIT PRINT, 33 Botanic Road, Dublin 9 SMURFIT WEB PRESS. Botanic Road, Dublin 9 ST. AUGUSTINES SCHOOL, SOCIAL WELFARE, DEPARTMENT OF, c/o Augustinian Priory, O'Connell Street, Pearse Street, Dublin 2 Limerick City SONY IRELAND, ST. AIDAN'S COMMUNITY COLLEGE, 82 Broomhill Road, Tallaght, Dublin 24 Dublin Hill, Cork SOUTH EASTERN EDUCATION & LIBRARY BOARD, ST. ANGELA'S COLLEGE OF EDUCATION, Ballynahinch, Co. Down BT24 8DH The Library, Lough Gill, Sligo SOUTH EASTERN HEALTH BOARD, ST. CATHERINE'S COLLEGE OF HOME ECONOMICS, Lacken, Dublin Road, Kilkenny The Library, Sion Hill, Blackrock, Co. Dublin SPANISH COMMERCIAL OFFICE. ST. DECLAN'S COLLEGE, 35 Molesworth Street, Dublin 2 Nephin Road, Cabra, Dublin 7 STANDARD LIFE ASSURANCE COMPANY, ST. JOSEPH'S ACADEMY, 90 St. Stephen's Green, Dublin 2 Kildare Town, Co. Kildare STATOIL IRELAND LIMITED, ST. KEVIN'S COMMUNITY COLLEGE, Setanta Place, Dublin 2 Clondalkin, Dublin 22 STENA SEALINK LINE, ST. KILIAN'S COMMUNITY SCHOOL, Adelaide House, 7 Haddington Terrace, Ballywaltrim, Bray, Co. Wicklow Dun Laoghaire, Co. Dublin ST. PATRICK'S COMPREHENSIVE SCHOOL, STOKES KENNEDY CROWLEY, The Library, Shannon, Co. Clare Management Consultants, 1 Stokes Place, SALESIAN YOUTH ENTERPRISES, St Stephen's Green, Dublin 2 72 Lower Sean McDermott Street, Dublin 1 SUPERQUINN LIMITED, SCHERING-PLOUGH (AVONDALE) COMPANY, Enterprise House, Blackrock, Co. Dublin Rathdrum, Co. Wicklow SYNTEX IRELAND LIMITED, SCHOOL OF COMMERCE, Clarecastle, Co. Clare Mulgrave Street, Limerick SCHNEIDER ELECTRIC IRELAND, Maynooth Road, Celbridge, Co. Kildare THE SCOTTISH PROVIDENT INSTITUTION, TALLAGHT REGIONAL TECHNICAL COLLEGE,

Tallaght, Dublin 24

162 Clontarf Road, Dublin 3

Longphort House, Earlsfort Centre, Dublin 2

TANDEM COMPUTERS,

TARA MINES LTD.,

6 St Andrew Square, Edinburgh, EH2 2YA, Scotland

SHANNON DEVELOPMENT,

Merrion Row, Dublin 2

Shannon, Co. Clare

SHERRY FITZGERALD.

27



TEAGASC. 19 Sandymount Avenue, Dublin 4 TELECOM EIREANN, St Stephen's Green West, Dublin 2 TEXACO IRELAND LIMITED, Texaco House, Ballsbridge, Dublin 4 THORSMAN IRELAND LTD., Industrial Estate, Donore Road, Drogheda, Co. Louth TIPPERARY (NORTH RIDING) V.E.C., Church Road, Nenagh, Co. Tipperary TIPPERARY (SOUTH RIDING) COUNTY COUNCIL, County Buildings, Emmet Square, Clonmel, Co.Tipperary COUNTY TIPPERARY JOINT LIBRARIES COMMITEE. County Library, Castle Avenue, Thurles, Co. Tipperary TOWN OF SLIGO V.E.C., Quay Street, Sligo TOYOTA (IRELAND) LIMITED, Lexus House, Killeen Road, Dublin 12 TRALEE REGIONAL TECHNICAL COLLEGE, Clash, Tralee, Co. Kerry TRALEE V.E.C., Moyderwell, Tralee, Co. Kerry TRANSPORT SALARIED STAFFS' ASSOCIATION, 7 Gardiner Place, Dublin 1

UDARAS NA GAELTACHTA, Na Forbacha, Gaillimh ULSTER BANK LIMITED, Head Office, P.O. Box 232, 47 Donegall Place, Belfast BT1 5AU ULSTER INVESTMENT BANK LTD., 2 Hume Street, Dublin 2 UNILEVER GROUP, Harcourt Centre, 33/39 Harcourt Road, Dublin 2 UNITED DRUG PLC, 7 Lower Fitzwilliam Street, Dublin 2 UNIVERSAL HONDA LIMITED, Old Naas Road, Bluebell, Dublin 12 UNIVERSITY COLLEGE CORK, Dept. of Economics, Western Road, Cork UNIVERSITY COLLEGE DUBLIN, Belfield, Dublin 4 UNIVERSITY OF LIMERICK, Plassey House, Limerick UNIVERSITY COLLEGE SWANSEA, Main Library, Singleton Park, Swansea, West Glamorgan SA2 8PP, Wales UNIVERSITY OF ULSTER AT JORDANSTOWN, Faculty of Business and Management, Shore Road, Newtownabbey, Co. Antrim BT37 0QB, N. Ireland UPONOR LIMITED,

Bishopstown, Cork

VALUATION OFFICE, 6 Ely Place, Dublin 2 VOCATIONAL SCHOOL, Athenry, Co Galway VOLUNTARY HEALTH INSURANCE BOARD, VHI House, 20 Lower Abbey Street, Dublin 1

WARNER LAMBERT (IRELAND) LTD., Pottery Road, Dun Laoghaire, Co. Dublin WATERFORD CORPORATION, City Hall, Waterford WATERFORD COUNTY COUNCIL, Arus Brugha, Dungarvan, Co. Waterford WATERFORD CITY V.E.C., 30 The Mall, Waterford WATERFORD FOODS PLC, Dungarvan, Co. Waterford WATERFORD REGIONAL TECHNICAL COLLEGE, Cork Road, Waterford WELLCOME IRELAND LIMITED, Airton Road, Tallaght, Dublin 24 WESTERN HEALTH BOARD, Merlin Park Regional Hospital, Galway WEXFORD COUNTY COUNCIL, County Hall, Wexford WEXFORD TOWN V.E.C., Vocational School, Westgate, Wexford WICKLOW COUNTY COUNCIL, County Buildings, Wicklow WOODCHESTER INVESTMENTS PLC, Woodchester House, Golden Lane, Dublin 8 WOODGRANGE CONSULTANTS, 25 Merrion Square, Dublin 2 WRC SOCIAL & ECONOMIC CONSULTANTS,



YAMANOUCHI IRELAND COMPANY LIMITED, Damastown, Mulhuddart, Dublin 15

4 Lower Ormond Quay, Dublin 1



ZENECA IRELAND LIMITED, College Park House, 20 Nassau Street, Dublin 2

Individual Members

ARTHURS, Edward,

40 Walkinstown Avenue, Walkinstown, Dublin 12

BANKS, Paddy,

An Post, G.P.O., O'Connell Street, Dublin 1 BARLOW, Anthony C.,

Department of Economics, University College, Cork BARRETT, Sean D., M.A.,

Economics Department, Trinity College, Dublin 2 *BARRINGTON, T.J.,

Dargleside, Enniskerry, Co. Wicklow

BARRY, John P.,

Pitney Bowes plc, Parkmore Industrial Estate, Dublin 12

*BLACK, R.D.C., Ph.D.,

14 Malone Court, Belfast BT9 6PA, N. Ireland BONNER, K.,

Secretary, Department of Enterprise & Employment, 65A Adelaide Road, Dublin 2

*BOURKE, J.V., M.Comm., Ph.D., LL.D., 22 Fortfield Park, Dublin 6

BOYLAN, Thomas A.,

Department of Economics, University College, Galway

BOYLE, Joe, B.Comm.,

Golden Vale Food Products Ltd., Charleville, Co. Cork

BRADLEY, Finbarr D., B.E., M.B.A., M.Phil., Ph.D., Dublin Business School, Dublin City University, Glasnevin, Dublin 9

BRADY, Rev. John M., S.J.,

National College of Industrial Relations, Sandford Road, Ranelagh, Dublin 6

BRADY, Patrick V.,

Northwest Orient Airlines, 15 Dawson Street, Dublin 2

BRASSILL, Michael,

Head of Group Credit Policy, Group Risk Management, AIB Group, Bankcentre, Ballsbridge, Dublin 4

*BRODERICK, J.B., M.Sc.,

6 Ailesbury Park, Ballsbridge, Dublin 4

BROWN, Anthony,

130 Bettyglen, Raheny, Dublin 5

*BUCKLEY, D.J.,

Vice President and General Manager, Merck, Sharp and Dohme (Ireland) Ltd., Ballydine, Kilsheelan, Clonmel, Co. Tipperary BUITLEIR, Donal de, B.A., M.Econ.Sc., Ph.D.,

Flat 15, 38 Haddington Road, Dublin 4

CASEY, J. Jerome, B.A., M.Econ.Sc.,

55 St Laurence Road, Chapelizod, Dublin 20 CAWLEY, James,

Cawley & Company, 26 Lower Hatch Street, Dublin 2.

CLANCY, Patrick, B.A., M.Ed., Ph.D., Department of Social Science,

University College, Belfield, Dublin 4

COMISKEY, Most Rev. B., D.D., Bishop of Ferns, Bishop's House, Wexford

CONATY, Philip J., M.Sc., C.Phy., M.Inst.P.H.D.E., Marian College, Lansdowne Road, Dublin 4 CONLON, G.T. Paul,

"Lynwood", Beech Park, Cabinteely, Dublin 14

CONNELLAN, Liam, B.E., C.Eng., F.I.E.I., Vice-President, RDS, Dublin 4

CORLEY, Michael, B.A., B.Comm., H.D.E., 3 Four Seasons Drive, Tulla Road, Roselevan, Ennis, Co. Clare

COUGHLAN, J.A.,

Senior Lecturer in Social Administration, Social Studies Department, Trinity College, Dublin 2 CROMIEN, Sean, B.A., Dublin.

*DEAN, Geoffrey, M.D., F.R.C.P.,

39 Nutley Road, Donnybrook, Dublin 4

DELANY, James J., M.A., M.B.A., B.L.,

14 Manor Close, Highfield Manor, Dublin 16 DILLON, W.B.,

Chief Executive, Amdahl Ireland Ltd., Balheary, Swords, Co. Dublin

DOHERTY, Denis,

Mid-Western Health Board, 31/33 Catherine Street, Limerick

*DOHERTY, James, FIMgt., B.A., B.Comm., 32 Barons Court, Derry BT48 7RH

DOLAN, Ciaran M., M.Agr.Sc. (Econ), MBA, 28 Beechwood, Castletroy, Limerick DONNELLY, J.,

21 Ailesbury Road, Dublin 4

DOUGLAS, D.J.A., B.A., M.A., M.C.I.P., Professor and Director, University School of Rural Planning and Development, University of Guelph, Ontario N1G 2W1, Canada

DOWNES, Margaret, B.Comm., F.C.A., LL.D., Coopers & Lybrand House, George's Quay, Dublin 2 DOYLE, Mary,

4 Glenayr Road, Rathgar, Dublin 6

DOYLE, Maurice F., B.A., B.L.,

9 Whitebeam Road, Clonskeagh, Dublin 14

DOYLE, Rev. Robert, OFM, B.A., B.Ph., S.T.L., H.D.E., Franciscan College, Gormanston, Co. Meath

DUECKELMANN-DUBLANY, Gerd,

Austrian Trade Commission, Pembroke Park, Dublin 4

DURKAN, Joseph, M.A.,

Dept. of Political Economy, University College, Dublin

FANNING, Connell,

Department of Economics, University College, Cork FARLEY, Noel,

Department of Economics, Bryn Mawr College, PA 19010, U.S.A.

FERRIS, Thomas P., B.A., M.A., 12 Anglesea Avenue, Blackrock, Co. Dublin FITZGERALD, Garret, 30 Palmerstown Road, Dublin 6 FITZGERALD, Dr Michael, Ballyfermot Child & Family Centre, Ballyfermot, Dublin 10 FITZGERALD, Patrick C., B.A., 23 0 Donoghue Avenue, Janesboro, Limerick FITZPATRICK, Jim, B.Soc.Sc., M.A., Ph.D., Fitzpatrick Associates, 10 Lad Lane, D. 2 FLANAGAN, P.W., 18 Glasnevin Park, Dublin 11 *GIBSON, N.J., B.Sc.(Econ.), Ph.D., Pro-Vice-Chancellor, The University of Ulster, University House, Cromore Road, Co. Derry BT52 1SA, N. Ireland *GILLMAN, C.J., M.Sc., 39 Friarsland Road, Dublin 14 GOGAN, Rev. Brian, C.S.Sp., Ph.D., 169 Booterstown Avenue, Co. Dublin GOGGIN, Lt. Col. Colman, Officers' Mess, McKee Barracks, Dublin 7 GRAHAM, Ian, Consultant Cardiologist, The Charlemont Clinic, Dublin 2 GUDGIN, Graham, Director, Northern Ireland Economic Research Centre, 48 University Rd, Belfast BT7 1NJ. HAASE, Trutz, 17 Templeogue Road, Terenure, Dublin 6W *HALL, Patrick A., B.E., M.S., Dip.Stat., Director of Research, Institute of Public Administration, 59-61 Lansdowne Rd, Dublin 4 HANNAN, Eamonn A., A.C.P.A., A.I.C.A., A.C.C.S., D.L.S., Chief Executive Officer, Western Health Board, Merlin Park, Galway HANNAWAY, Terry, Bank of Ireland, Corporate Services, Lower Baggot Street, Dublin 2 HANRAHAN, Des, Areas Marketing Dept., Bank of Ireland, 2 College Green, Dublin 2 HARFORD, Joseph, Yamanouchi Ireland Co. Limited, Damastown, Mulhuddart, Dublin 15 HEALY, Dr Sean J., M.A., Ph.D., Dartry House, Orwell Pk., Dublin 6 HURLEY, John, Secretary, Public Service Management Development, Department of Finance, Dublin 2

Chief Executive Officer, Mid-Western Health Board

31/33 Catherine Street, Limerick

21 Moreen Road, Sandyford, Dublin 16

HYNES, Patrick,

Chief Executive, Telecom Eireann, St Stephen's Green West, Dublin 2 *KAVANAGH, The Most Rev. James, Bishop of Zerta, 181 Swords Road, Dublin 9 KEANE, M.A., M.Econ.Sc., B.Comm., 6 Manor Green, Highfield Manor, Rathfarnham, Dublin 16 *KEEGAN, Michael F., B.A., B.Comm., D.P.A., F.I.P.M., Corrib, Carysfort Avenue, Blackrock, Co. Dublin KEHOE, Patrick, B.Comm, D.P.A., M.B.A., B.L., Ph.D. Trade Development Institute of Ireland, 138 Lower Baggot St, Dublin 2 KELLY, Kevin I., Group Financial Director, AIB Group plc, Dublin 4 KELLY, P.G., M.A., A.C.A., 47 Sandford Road, Dublin 6 KENNEDY, Finola, M.A., Ph.D., 12 Richelieu Park, Ballsbridge, Dublin 4 *KENNY, Ivor, K.C.S.G., M.A., LL.D., C.B.I.M., L.F.Mgt.I. University College, Woodview, Dublin 4 KENNY, Penelope, Bank of Ireland Finance, 6 Burlington Road, Dublin 4

KANE, Alfie,

LEONARD, Luke,
46 Whitebeam Road, Clonskeagh, Dublin 14
*LESER, C.E.V.,
School of Economic Studies, University of Leeds,
Leeds LS2 9JT, England
LEYDON, Kevin, M.A.,
Clos du Val du Bois 6, 1950 Kraainem, Belgium
*LYNCH, Patrick, M.A., M.R.I.A.,
79 Wellington Road, Dublin 4

McCARTHY, Eugene, M.Econ.Sc., D.Econ.Sc.,
4 Ailesbury Park, Ballsbridge, Dublin 4

McCARTHY, John P., A.B., M.A., M.Sc.(Econ.),
Waterford Regional Technical College, Cork Road,
Waterford

*McCARTHY, P.J., B.A.,
6 Inchvale Avenue, Douglas West, Co. Cork

McCORMACK, Sr Teresa, CMRS,
Milltown Park, Dublin 6

McCUMISKEY, E.F.,
Secretary, Department of Social Welfare,
Aras Mhic Dhiarmada, Dublin 1

McEVOY, P.J., B.Comm., D.P.A.,
4 Villa Park Road, Navan Road, Dublin 7

McEVOY, P.J., B.Comm., D.P.A., 4 Villa Park Road, Navan Road, Dublin 7 McGOVERN, Fergus, Dublin.

MATTHEWS, Alan,
Department of Economics, Trinity College,
Dublin
MEADFOX, David C.,
5 Pine Crest Road, Newton Centre, MA 02159,
USA

MEAGHER, Michael J.,

Chief Executive, Corporate & Treasury Division, Bank of Ireland Group, Lower Baggot Street, Dublin 2

MENNELL, Stephen,

Department of Sociology, University College Dublin, Belfield, Dublin 4

MOLONEY, Thomas,

Medical Laboratory Technologists' Association, 29 Parnell Sq., D. 1

MOORE, William,

General Manager, Retail Banking, Agricultural Credit Corporation, ACC House, Upper Hatch Street, Dublin 2

MORAN, Joseph,

Chief Executive, Electricity Supply Board, Lower Fitzwilliam Street, Dublin 2

*MULDOWNEY, S.J., F.C.A.,

13 Fortfield Drive, Terenure, Dublin 6

MULLARKEY, Patrick,

Secretary, Department of Finance, Dublin 2
MURPHY, Denis, B.Comm., M.B.A., F.C.A., A.C.M.A.
Avondale, Navigation Road, Mallow, Co. Cork
MURPHY. Donal.

Director General, Central Statistics Office, Ardee Road, Dublin 6

MURPHY, Michael J., M.B.A., B.Comm., D.P.A., Home Trade Director, Irish Distillers Ltd., Dublin 7

*MURRAY, C.H., LL.D.,

6 Washington Park, Dublin 14

MURRAY, Kevin,

Bank of Ireland, Area Marketing Department, 2 College Green, Dublin 2

*NAGLE, J.C., M.Econ.Sc.,

9 Winton Avenue, Rathgar, Dublin 6

*NEVIN, Donal,

8 Taney Crescent, Dundrum, Dublin 14

*NEVIN, Monica, B.A., Ph.D.,

Hunter's Moon, Sydenham Villas, Dundrum, Dublin 14

*NOLAN, Rev. J.R.M., M.A., D.D., M.A.(Cantab.), Department of Logic and Psychology, University College, Belfield, Dublin 4

NUNAN, Donald, M.Econ.Sc.,
College Lecturer, Department of Economics,
University College, Cork

O'BRIEN, Patrick E.,

5 The Avenue, Broadale, Maryborough Hill, Douglas, Cork

Ó CAOLLAI, M.,

39 Bothar Barton Thoir, Baile Atha Cliath 14

Ó CEARBHAILL, Diarmuid, M.A., B.Comm., H.D.E., Department of Economics, University College, Galway

*Ó CEARBHAILL, T.,

"Tinode", 113 Roebuck Road, Dublin 14

*Ó COFAIGH, Tomas F.,

114 Landscape Park, Churchtown, Dublin 14 O'CONNELL, Maurice,

Governor, Central Bank of Ireland, Dublin 2

O'CONNOR, Joyce, B.Soc.Sc., M.Soc.Sc., Ph.D.,
President, National College of Industrial
Relations. Sandford Road, Dublin 6

*O'DOHERTY, Rev. E. F., M.A., Ph.D.,

Apt. 5, Donnybrook Green, Dublin 4

O'DONOGHUE, Brendan,

Carrowtrasna, Greencastle, Co. Donegal

*O FIONNGHALAIGH, I.,

55 Callary Road, Mount Merrion, Co. Dublin

O'GRADY, Maurice, M.Sc.(Mgmt.),

Director General, Irish Management Institute, Sandyford Road, Dublin 16

O'HAGAN, John W., B.E., B.A., M.A., Ph.D., S.F.T.C.D., Department of Economics, Trinity College, Dublin

O'LEARY, Jim,

Davy Stockbrokers, 49 Dawson Street, Dublin 2

*O NUALLAIN, Labhras, D.Econ.Sc.,

"Kilclooney", Pollnaroome West, Salthill, Galway

O NUALLAIN, Ruairi, M.A., Dip.Stat.,

18 Hermitage Lawn, Rathfarnham, Dublin 16

O'REGAN, Liam, B.A., B.Comm.,

Ard Ailean, Abbeystrewery, Skibbereen, Co. Cork

O'REILLY, Patrick,

Chief Executive, EBS Building Society,

30 Westmoreland Street, Dublin 2

O'RIORDAN, Manus,

Research Department, SIPTU, Liberty Hall, Dublin 1

O'SULLIVAN, John C.,

58 Cherrygarth, Mount Merrion, Co. Dublin OSTER, Dr Georg,

Federal German Office for Foreign Trade Information, Elsinore House,

77 Fulham Palace Road, London W6 8JA

PRASIFKA, William,

10 Wilfield Road, Dublin 4

QUIGLEY, Sir W.G.H.,

Chairman, Ulster Bank Limited, 47 Donegall Place, Belfast BT1 5AU QUINN, Gerard,

38 Stillorgan Grove, Blackrock, Co. Dublin

REDMOND, David,

Nexus Research Cooperative, 9 North Frederick Street, Dublin 1

ROWAN, Patrick D., B.A., M.A.,

Patrick D. Rowan & Co., Sols,

34 Fitzwilliam Place, Dublin 2

*RUSSELL, G.E.,

Derravoher, North Circular Road, Limerick

SHEEHAN, John, Sony Music, Unit 2, Carriglea Industrial Estate, Dublin 12 SHEEHY, Noel, Department of Psychology, The Queen's University of Belfast, Northern Ireland SHIMIZU, Yoshifumi, Professor of Sociology, St. Andrew's University (Japan), 1-1 Manabino, Izumi, Osaka 590-02, *SMITH, Cornelius F., "Modeshill", 34 Stillorgan Grove, Blackrock, Co.Dublin *SMITH, Louis P.F., D.Econ.Sc., Ph.D., 22 The Elms, Stillorgan Road, Dublin 4 SOMERS, Michael J., Chief Executive, National Treasury Management Agency, Dublin 2 *SPENCER, John E., B.Sc.(Econ.),

Department of Economics,
The Queen's University of Belfast,
Belfast BT7 1NN, N. Ireland
STANLEY, Joseph,
Group Risk Management, AIB Group,
Bankcentre, Dublin 4
SWEENEY, Fr. John, S.J.,
Minderbroederstraat 11, 3000 Leuven, Belgium

*TONER, Thomas C., B.Comm., M.B.A., Chairman, Arnotts plc., 12 Henry St., Dublin 1 TONER, William, Jesuit Centre for Faith & Justice, 26 Upper Sherrard St., Dublin 1

WALSH, T.K., B. Comm., M.Econ.Sc., F.C.A.,
219 Templeogue Road, Dublin 6

*WHITAKER, T.K., M.Sc.(Econ.), D.Econ.Sc., LL.D.,
148 Stillorgan Road, Dublin 4

WHITE, Padraic A., B.Comm., D.P.A.,
Chairman, Northside Partnership Limited.

WINBERRY, Dr John J.,
Dept. of Geography,
University of South Carolina, U.S.A.

WRIGHT, Gerard A., B.Comm., M.Econ.Sc.,
C.Dip.A.F., Ph.D., 5 Hillside Drive, Rathfarnham,
Dublin 16



THE ECONOMIC & SOCIAL RESEARCH INSTITUTE

4 Bimington Road, Dumin 4, Instand, Trierhone: 353-1-667 1525 Fax: 353-1-668 6231