

PAUL D. LEECH

Resumé

BE. NUI. (Civil Engineering) 1971, BArch. Hons (Architecture) NUI. 1975, RIBA, MIEI; resigned membership and a fellowship of FRIAI, (in protest at lack of progress on RIAI leadership in Sustainable Design after years of work there) 2000 the year of the Millennial Sustainable Development Goals (rev 2015)

EARLY EMPLOYMENTS

Giffels & Rosetti (Michigan, USA): OVE ARUP & Partners, Dublin: ADCO: (Washington DC, USA): Stanislaus Kenny & Partners (Dublin, Irl): MATCO (Boston, USA): Liam McCormick & Partners, Derry, NI: Associate Caroline Dickson, Derry, NI: Robinson Keefe & Devane, Dublin: Raymond McDonnell, Dublin.

PRIVATE PRACTICE

Paul Leech: Architect-Engineer: Sole Trader Private practice established 1979.

Paul Leech: GAIA Associates; 1984; formed Ltd Co 1988 t/a GAIA ecotecture later.

Extensive completed work throughout Ireland: Irish work profile includes, inter alia:

- 5 storey timber framed eco office building for Navan Credit Union:
- Four Courts Complex Dublin- universal access programme:
- Dundalk Institute of Technology- child care facility:
- Process Control Computer- Software Facility: Office Buildings:
- National Monument Visitor reception facility for Duchas, Knowth Archaeological Site Co Meath Irl:
- EU supported Micro Hydro Demonstration Project: 133 Kws
- Day Care Centre for the Elderly:
- Offices for North Eastern Health Board:
- Social Housing/Urban Regeneration Study, West Tallaght, Dublin.
- Very many Ecohousing commissions:
- 80 Ha urbanism - 'eco residential business zoning' (adopted by Planning Authority) and associated framework plan 2000- stochastic principles:
- Peace Park Christchurch Dublin 2017 - study in dialogue Dublin City Council
- ecovillage Cloughjordan; from 2000 to date: years of involvement in community / development www.thevillage.ie supporting GAIA Partner / Director Sally Starbuck(GAIA ecotecture registered office now seated there, also in Dublin Irl.)

Founder member Gaia International 1990, a working network of ecological Architects, Engineers, Permaculturalists, Researchers, Scientists in Norway, Denmark, Sweden, UK, USA, Bhutan, Australia, Ireland.

Studies/ Missions:

Africa: North Korea- for UNDP: West Indies: Norway; China

Shortlisted by European Commission DG VIII for design, New Coral Ecosystem research, conservation and visitor centre, Nouvelle Calédonie, South Pacific, 1995.

OTHER ENVIRONMENTAL INVOLVEMENT

Sustainable Buildings – ‘Opportunities for Tasmania’ 2010: Sailed by freighter (at 3% of the carbon and the same cost as a first class air ticket), researching, painting, preparing invited five lectures inter alia, at the Stanley Burbury Theatre, University of Tasmania, Australia.

Paper presented to World Conference on Sustainable Building 2008, Melbourne.

CONFERENCES

many incl:

Panel Discussion; ICOMOS Conference on Sustainability Development Goals 2018

LUCIDITY Festival Santa Barbara California 2016; Spoke on the Anthropocene.

PLACE for Sustainable Living, Emeryville, Berkeley California 2016; delivered talk and Facilitated Discussion on 'Can we Change'?

Paper accepted by Academic Committee for CEB Prague 2010 on case studies of 3 completed ecological designs, including monitoring and feedback. Presented electronically /by proxy.

UNIDO/ ILO Mission to China, May 2008 Eco settlements.

Tokyo: Sustainable Building 2005 SB05 (world conference), Sept 2005; [Navan Credit Union, 5 storey eco offices (timber structure); the only Irish project accepted for presentation.]

Participant International workshop “Sustainable Communities, Models for 21st Century Living” Findhorn, Scotland 1995:

Exhibiting Participant UIA Ecological Architecture, Stockholm 1992:

Hungarian Ministry of Environment and Regional Planning, invited Speaker to Conference on Environmentally Friendly Building 1993:

Invited Speaker to Annual Conference of Finnish Institute of Architects on ecological design in practice, Helsinki:

“Architectura et Natura” Invited exhibitor by City of Turin 1994:

Exhibition “Arkitektur Natura Skulptur” Copenhagen 1995:

Founding Chairman, Irish Ecological Design Association:

Author of master plan for National Ecology Centre of Ireland: Sonairte.

Keynote Speaker RIAI/ RSUA environmental conference, Enniskillen 1990

Invited speaker to conference "Green Buildings: European Developments" Nice, France 1995

Inst. Engineers of Ireland Seminar "Energy Conservation to Year 2000 and beyond" Invited Speaker 1996:

Invited Visiting Lecturer, National Housing Seminar IPA/ IEI 1996

Invited Keynote Lecturer, Sustainable Housing Conference, Belfast 1996:

EU Commission, REBUILD European Cities of the 21st Century, Italy, 1998: "Building the New Century", Fifth European Conference:

Solar Energy in Architecture and Urban Planning, Germany 1998: Paper selected for presentation on low income areas, low cost urban regeneration pilot project at Brookfield, West Tallaght, Dublin, arising from a study commission by SDCC

Speaker, Energy Awareness, IEC Renewable Energy Information Office seminar, UCC, 1998:

Invited speaker Energy 2000 RDS May 2000:

Invited Speaker CITIZENCITY conference UCD 2000.

Presenter 'Sustainable Building' 2000 Maastricht 2000:

Presenter 'Beyond Sustainability' Symposium, Technical University of Eindhoven 2000.

Lecturer; Invited Speaker: Architects Designers Planners for Social Responsibility: San Francisco March 2001.

Invited lecturer Anangpur Sustainable Building Centre Delhi, India November 2001.

Keynote session speaker to Sustainable Building 2002 (world conference) Oslo, Sept 2002.

Founder member 2003 EASCA (Environmental and Sustainable Construction Association) for Ireland.

Paper presented to World Conference on Sustainable Building 2008, Melbourne.

Invited Lecture series UTAS Hobart, Australia 2010

Paper accepted Sustainable Building Sao Paulo Brazil 2012 (presented electronically and by proxy)- flying is a problem for CO2!

Better Building Conference April 2013

Trinity College Dublin -TCD Dept. History of Art and Architecture 2010

TEACHING AS VISITING LECTURER

Universita di Trieste; Final Architecture Interim Degree Year Easter Crits 2018

National College of Art and Design, 1995, 1996, 1997, 1998

School of Architecture, QUB, 1995, 1998.

School of Architecture, UCD 1996, 1998, (Masters Course in Urban Design)

Dublin School of Architecture (TCD/DIT) 2009, 2010, 2011, 2012

Winterschool University of Strathclyde, workshop leader on 'Progressive Ecology' theme 1994- invited by students

Inclusion of work in Teacher Pack for EU Schools of Architecture 1995

Inclusion of work in Teacher Pack for Hungarian Schools of Architecture 1998

INSTITUTIONAL ROLES

Convenor and Chairman, broadly based Working Party, Developing a Government Policy on Architecture 1996

RIAI Council 1989, 1990, 1991, 1992

RIAI Architectural Technician Review Group 1991, 1992,1993

Convenor and Chairman RIAI work group on Sustainable Development, Policy and Implementation Plan 1994

An Taisce (National Trust for Ireland) National Environmental Executive member, Former National Council Member, Built Environment Group

COMPETITION ASSESSOR /JURY

Expert Evaluator on environmental issues for Irish Aviation Authority's Air Traffic Control Centre, Shannon, Architectural Design Competition (stage 1) 1996

Expert Evaluator by European Commission DG:XVII for Integrated Quality Residential Building Retrofit

Targeted Projects in the Building Sector (Large Scale URBAN) Thermie 1996

First Stage Technical Assessor, European Commission International Architectural Competition 'Living in the City' 1996

Assessor RIAI Regional Awards 1990

Assessor RIAI Architectural Competition 1992, Cliffs of Moher Visitor Centre

Convenor and Chairman of Assessors RIAI Travelling Scholarship for urban regeneration, mixed border community Donegal

First Stage Assessor on environmental issues, Fingal (Dublin) New Civic Offices Architectural Competition 1996.

PUBLICATIONS

Many incl:

Editorial Committee member, and coauthor of "GREEN DESIGN, Sustainable Building in Ireland" manual published with support from EU:Altener for use by practising designers 1996

'Sustainable Buildings in Practice'; Prof George Baird Uni Wellington; Case Study Example: post Occupancy Evaluation of GAIA's NCU eco office building

STUDY TOURS

Germany Switzerland 2018; GAIA International Meeting, Darmstadt

Extensive fact finding mission through sub Saharan Africa following 'Africabat' (pan African building Conference, Dakar, Senegal) on sustainable development/eco building issues

Study lecture tour Bhutan / India 2001

Study Tour SB05 Japan 2005

Study Tour Costa Rica 2007

Study Tour in Aboriginal Australia, re sustainable living, 2008

UNIDO /ILO Mission China 2008

Ojai California 2016; Krishnamurti Foundation of America KFA