

PAUL D. LEECH

Resumé

QUALIFICATIONS

BE. NUI. (Civil Engineering) 1971, BArch. Hons (Architecture) NUI. 1975, RIBA, MIEI; resigned membership and a fellowship as **FRIAI** (1996) (in protest at lack of progress on RIAI leadership in Sustainable Design, after years of frustrating voluntary hard work there, incl as Vice President) - in 2000 - the year of the Millennial Sustainable Development Goals (since revised 2015)
WCSI elected to membership of the Watercolour Society of Ireland (2018)

EARLY EXPERIENCE IN 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 currently www.gaia-ecotecture.eu

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
- EU supported Micro Hydro Demonstration Project: 133 Kws on grid - mill restoration
- Day Care Centre for the Elderly
- Offices for North Eastern Health Board
- Social Housing / Urban Regeneration Study, West Tallaght, Dublin.
- very many Eco-housing 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
- The ecoVillage Cloughjordan; years of involvement, from circa 2000 to date, in community/ development www.thevillage.ie supporting Gaia Director/ Partner, Sally Starbuck (Gaia ecotecture, registered office now seated there, also in Dublin Irl, and Rock Island ,West Cork).

Founder member Gaïa International 1990, <https://www.gaia-international.eu/> a working network of ecological Architects, Engineers, Permaculturalists, Researchers, Scientists in Norway, Denmark, Sweden, Finland , UK, USA, Bhutan, Australia, Ireland.

Studies / Missions :

UNIDO/ ILO Mission to China, May 2008 Eco settlements; large scale; emphasis on GIS Satellite remote sensing.

North Korea- for UNDP, renewal CHAES funding for environmental programme.

COMPETITIONS

Winner RIAI Competition Housing Dublin 4

Bergen Norway; premiated entry on urban regeneration(with Partner/ Gaïa International team)

West Indies: University of Caribbean; Trinidad and Tobago Campus; entry 'split the Jury' according to assessors report; half saw entry as based on indigenous culture and highly sustainable; other half saw it from a US perspective, dominated by US chair, with casting vote.

Short-listed 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 five invited lectures *inter alia*, at the Stanley Burbury Theatre, University of Tasmania, Australia

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

CONFERENCES and SPEAKING ENGAGEMENTS

Too many to list including:

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 the topic '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, eschewing flights

Paper presented to World Conference on Sustainable Building 2008, Melbourne

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.]

Paper presented to World Conference on Sustainable Building 2000, Maastricht

Participant International workshop "Sustainable Communities, Models for 21st Century Living" Findhorn, Scotland 1996

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 '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

Paper accepted Sustainable Building Sao Paulo Brazil 2012 (presented electronically and by proxy)- eschewing flying

Better Building Conference April 2013

TEACHING AS VISITING LECTURER

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

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

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

Taught a Course in Design Procedures WELB Derry HND HNC levels (Itten based)

INSTITUTIONAL ROLES

Convenor and Chairman, broadly based Working Party, Developing a Government Policy on Architecture 1996 Adopted by then Minister Michael D Higgins and Government

RIAI Council 1989, 1990, 1991, 1992

Vice President RIAI

RIAI Architectural Technician Review Group 1991, 1992, 1993

Convenor and Chairman RIAI work group on Sustainable Development, Policy and Implementation Plan 1994 (RIAI refused to publish)

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

Very many incl:

Editorial Committee member, and co-author 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

Gaia International meeting Darmstadt, Germany, Switzerland & Austria 2018

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

Ojai California 2016; Krishnamurti Foundation of America KFA

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