

Institution of Agricultural Engineers

Contribution to the Land Based Sector 2013

IAN JAMES LOYNES

CEng MIAgrE

Jim graduated from the National College of Agricultural Engineering, Silsoe with a BSc in Agricultural Engineering in 1977. After 2 years as an Agricultural Assistant for Charles Sharpe and Co., in Lincolnshire, he served as a Technical Information Officer for the Farm Buildings Information Centre at Stoneleigh until 1984. He then worked for 13 years as a Farm Building specialist with ADAS rising to National Specialist in Livestock Building Design where he was responsible for dairy cow and pig housing, waste and energy management. In this role he was considered as 'very knowledgeable, practical and helpful', particularly on structural engineering problems by both his colleagues and clients.

He joined the staff of the Department of Engineering at Harper Adams University College (HAUC) in 1997 to teach Farm Buildings and Environmental Control Systems being promoted to Head of Department in 2000. When he assumed this role, undergraduate student intake was c.50/annum which then rose under his stewardship to c.90/annum in 2011. Some of this growth was as a result of a second engineering stream in "Off Road Engineering", running in parallel to the traditional "Agricultural Engineering" programme, designed to meet the requirements of the construction, off road vehicle and military vehicle supply industries.

During the later parts of his tenure, postgraduate research degrees were initiated with support from the Douglas Bomford and Claas Trusts and industry. He stepped down from the Headship role in 2010 - 11 following a stroke in 2008 which saw him "off-work" for a year, however, working with others during this period he helped lay the "foundations" for the design of the recently announced new Engineering building at HAUC.

Jim was former editor and contributor to 'Farm Buildings Digest' and editorial assistant for 'Farm Buildings and Engineering', the technical journals of the former Farm Buildings Association and the Farm Buildings Information Centre, NAC, Stoneleigh. He prepared and contributed to many MAFF/ADAS publications, leaflets and items of promotional literature 1984 to 1997 and was the author of 'Planning Dairy Units' Published by the Farm and Rural Buildings Centre in 1992. He contributed to CIGR Section II: Working Group No. 14, Cattle Housing – 'Design Recommendations of Beef Cattle Housing' 2003 and

contributes to 'Dairylink' the bi-monthly newsletter/bulletin of DRC and 'Countryside Building' the technical journal of the RIDBA.

He is a member of CIGR Section II, Working Group No 14: Cattle Housing; the Farm Equipment Council of the Agricultural Engineers Association; the Engineers Professors' Council; the Rural and Industrial Design and Building Association (RIDBA) serving as Treasurer 1996 – 2009 and National Chairman 1993-4; the IAgRE Education and Training Committee, IAgRE Council and Chairman of the Wrekin Branch of the IAgRE 2003 to present (receiving the Branch Meritorious Award in 2011).

Jim has quietly and earnestly worked to support Agricultural Engineering through difficult times and without his stewardship HAUC and the UK would not be in the position to address the future challenges in the sector. We believe that he is a worthy nominee for this Award.