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Their vision and support for enhancing awareness about Malta's rich industrial heritage and more specifically about Farsons' old brewhouse launched the initiative which led to the conference organized on the 1st February 2013. This idea was enthusiastically and professionally supported by the Department of the Built Heritage, Faculty for the Built Environment, University of Malta. The collaboration and expert guidance of Professor JoAnn Cassar, Associate Professor and Head of the Department of the Built Heritage as well as Dr Reuben Grima, lecturer at the same department enabled the conference and this publication to receive the professional standing which Malta's industrial heritage deserves. May this initiative indeed contribute in some way to further discussion, debate and initiatives to support this critical area of Malta's history.

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*Antoinette Caruana – Company Secretary
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September 2013*

List of contributors

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Mr Ambrose has a wide experience with cultural destinations of all sizes – from regions to cities and from museums to monuments. He advises clients both in the UK and overseas on concept development, policy and strategy development, governance and management structures and operational and staffing issues and has a particular interest in museum and gallery developments. Mr Timothy Ambrose has also published a wide range of articles and books on museums and cultural heritage matters.

He now works as a Principal Associate for Locum's successor company, Colliers International and is Principal of Timothy Ambrose Consulting. Mr Ambrose was also part of a Colliers team that advised the Government of Malta on its submission for the candidature of Valletta for the title of European Capital of Culture 2018.

Dr Ing. John C Betts graduated in Mechanical Engineering from the University of Malta in 1991 and obtained an M.Sc. in Astronomy from the Technical University of Swinburne, Victoria, Australia; he subsequently obtained a PhD on Laser Material Processing from the University of Malta. He is Head of the Department of Metallurgy and Materials Engineering, and Dean of the Faculty of Engineering of the University of Malta, which this year is celebrating the 50th anniversary of the Degree in Engineering. He has worked as a departmental manager at Malta Shipbuilding Co. Ltd. and production manager at Stainless Steel Products Ltd. and has also been employed as research engineer with the Euro Mediterranean Centre on Insular Coastal Dynamics of the University of Malta. As Faculty Dean he is keenly aware of the relevance of industrial heritage in the professional formation of engineering graduates, and in the engineering environment today.

Professor JoAnn Cassar is Associate Professor at the University of Malta and Head of the Department of the Built Heritage, which runs three Masters programmes on conservation and cultural heritage management. She has conducted research since 1981 on the composition, properties, deterioration and conservation of building materials, has over sixty scientific publications on conservation-related topics and has lectured widely abroad. She is a member of the Board of Directors of Heritage Malta, and a member of the International Advisory Board for the MA in Wall Paintings Conservation of the Courtauld Institute of Art, London, UK. She sits on the Editorial Board of the Quarterly Journal of Engineering Geology and Hydrogeology of the Geological Society of London, as Associate (Overseas) Editor. She is a Fellow of the International Institute for Conservation (IICC), Fellow of the Geological Society (FGS), Chartered Chemist and Fellow of the Royal Society of Chemistry (CCChem FRSC).

The Hon. Dr Mario de Marco is a Maltese politician and academic. He studied at St Aloysius' College and at Cambridge University, United Kingdom, where he graduated in international commercial law. While there he was nominated a Commonwealth Scholar for Academic Achievement. As well as specializing in Commercial Law he also specialized in Fundamental Human Rights. He is Commercial Law lecturer at the University of Malta.

In the 2003-2008 parliamentary term, he was nominated as Vice-Chairman of the Parliamentary House Committee in the House of Representatives. He is also a member of the Parliamentary Committee for

European and Foreign Affairs. Following the March 2008 general election, he was appointed as member of the Cabinet, as Parliamentary Secretary for Tourism, within Prime Minister Lawrence Gonzi's office. In January 2012, he was appointed Minister responsible for Environment, Tourism and Culture. He is currently serving as a Member of Parliament and is the current deputy leader for parliamentary affairs of the Nationalist Party.

Mr Louis A Farrugia qualified as Fellow Member of the Institute of Chartered Accountants in the UK. He is Chairman of the Farsons Group as well as the Multigas and Farrugia Investments Groups. Mr Farrugia was the founding President of the Foundation of Human Resources and past President of the Malta Chamber of Commerce. In January 2010 he was appointed Chairman of the Malta Tourism Authority and in May 2011 he resigned this post to be appointed non-Executive Chairman of Air Malta plc, a position he held until April 2013.

In 2004 he received an Order of Merit (MOM) in recognition of his contribution on a national level to industry and enterprise in Malta.

He was also awarded Ufficiale dell'Ordine Al Merito della Repubblica Italiana on 15th January 2013 for his voluntary involvement in initiatives outside his direct line of business.

Mr Michael Farrugia is Head of Business Support and director of Simonds Farsons Cisk plc and Farsons Beverage Imports Company Ltd. He joined Simonds Farsons Cisk plc in 2006 whereupon he was assigned to the newly formed export division before taking on wider responsibilities within the group as Business Development Manager and Head of Business Support, also playing an active role in the development of the Farsons Business Park and Visitor Centre under consideration. Educated in the UK, Mr Farrugia graduated from Edinburgh University completing his Masters degree in History and followed up his studies with a postgraduate diploma in Journalism from the London School of Journalism. Before returning to Malta, Mr Farrugia worked in the European Parliament in Brussels and completed an internship with European Voice, a sister publication of the Economist Group. He is currently enrolled with Warwick University where he is undertaking a long distance MBA.

Mr Bryan A Gera read Business Administration at the University of Malta 1969-1971 leading to D.B.A.. Managing Director and currently Chairman of Alfred Gera & Sons Ltd. Served as Honorary Secretary of the Malta Chamber of Commerce between 1972 and 1973. Initiated Business Education at Malta Chamber of Commerce and chaired the Committee from its inception in 1974 up to 2003. He was awarded a scholarship in 1974 by the American Embassy to visit management schools which included Tulane University in New Orleans, Berkley and Stanford in California, as well as several chambers of commerce. In 1976 was appointed Director of Mid-Med Bank representing the 40% shareholding held by Barclays Bank International. In 1974 he started the Luther College Scholarship in Iowa sending some 70 students over the years.

In 1980 he was invited to join the Board of Simonds Farsons Cisk and was appointed Chairman in 1995 serving in this capacity up to 2011. He was a member of the management board of The Farsons Foundation from date of setting up in 1995 and is currently its Chairman.

Professor Robert Ghirlando graduated in Mechanical Engineering from the University of Malta in 1968 and proceeded to obtain an MEng in Power Plants and a PhD in Internal Combustion Engines from the University of Liverpool, UK. He is a member of the Department of Mechanical Engineering, and Director of the Institute for Sustainable Energy of the University of Malta. For many years he managed Malta University Services Ltd and Malta University Publishers Ltd. He has also served as Chairman of Enemalta. He is a Fellow of the Institution of Mechanical Engineers (UK) and a founder member of the Chamber of Engineers of Malta. His pioneering interest in industrial heritage spans more than two decades. He has participated in a Grundtvig project on Virtual Museums, and has published and lectured widely on Malta's industrial heritage. In 2012, he organised a week's study tour of Malta's industrial heritage for the (American) Society of Industrial Archaeology.

Dr Reuben Grima is a lecturer in the Department of the Built Heritage at the University of Malta, where he lectures in cultural heritage management. After reading for his PhD at the Institute of Archaeology, UCL, he served with Heritage Malta as the Senior Curator responsible for prehistoric sites between 2003 and 2011. During this period, he was project leader of the Haġar Qim and Mnajdra Conservation and Presentation Project, completed in 2010, and contributed to the preparatory stages of key projects for Tarxien and Ġgantija. From 2006 to 2011, he was National Focal Point for Periodic Reporting on UNESCO World Heritage Sites, and from 2004 to 2013, served on the Maltese National Commission for UNESCO. He has served as member and as chairman of the Scientific Committee for the Conservation of the Megalithic Temples. He is a Fellow of the Society of Antiquaries of London.

The Hon. Dr José A Herrera is Parliamentary Secretary for Culture and Local Government. He has served as a Member of Parliament for 17 years. For 27 years, Dr Herrera practiced his profession as a lawyer, owning a legal office, and specialising in criminal law. He served as Labour's spokesperson for the Central Bank, Financial Services and Maritime Affairs. Between 1996 and 1998, he served as a member of the Maltese and EU Joint Committee as well as a member of the Parliamentary Committee on Foreign Affairs and European Affairs. He was a member of the Labour Party's Executive Group, where he represented the Parliamentary Group. During the 2008 – 2013 legislature, he served as a Shadow Minister for Justice and actively participated as a member of the Committee for the Ratification of Legislations. Hon. Herrera is currently responsible for all Local Government, together with Culture, Heritage and Restoration and for Valletta 2018 as the European Capital of Culture.

Mr James Licari graduated in Conservation and Restoration Studies in 2003 from the University of Malta, specializing in the conservation-restoration of metals, ceramics, glass, stone and composite materials. Following his graduation, he attended other courses locally and abroad. He now works full-time as a conservator-restorer/lecturer at the Institute for Conservation and Management of Cultural Heritage (ICMCH), within the conservation-restoration division of Heritage Malta. He was the founding president of the conservation and restoration co-operative society 'ReCoop' (operating since 2003), and initiated a conservation and restoration company named 'Heritage-ResCo'. He was a founding committee member of MAPCo-Re: The Malta Association of Professional Conservator-Restorers, and a committee member of ICOM-Malta and ICOMOS-Malta.

Mr Joseph Magro Conti graduated in archaeology from the University of Malta, and followed postgraduate studies in Mediterranean culture and heritage management at La Sapienza, Rome and at the University of York, UK. He is the manager of the Heritage Planning Unit within the Malta Environment and Planning Authority (MEPA) responsible for policy development and advice on immovable heritage and development, the Scheduling Register for cultural and natural heritage, urban conservation areas, monitoring development within heritage sensitive areas, and the administration of grant schemes for the restoration of heritage buildings. His interest in industrial heritage spans from ancient times to modern. He has helped pioneer the appreciation, protection, restoration and rehabilitation of industrial heritage buildings in Malta.

Mr Ray Polidano is the Director General of the Malta Aviation Museum Foundation, a position he has held since 1994, when he started rebuilding a Spitfire aircraft that had served in Malta during World War II. Since then, the Malta Aviation Museum has witnessed a succession of milestones, including the inauguration of the Air Battle of Malta Memorial Hangar. His interest in industrial heritage is focussed on aviation and its connection with Malta, as well as the associated infrastructure, including airfields, hangars and related structures, much of which is tied to the aerial activity that took place over Malta during the Second World War. Mr Polidano's, and the Malta Aviation Museum Foundation's, interest is to record and salvage some of the structures on these airfields for posterity, as well as to acquire aircraft and memorabilia related to this period, to be conserved and displayed inside the museum at Ta' Qali.

Professor Alex Torpiano is currently Dean of the Faculty for the Built Environment and Head of the Department of Civil & Structural Engineering at the University of Malta. He is a UK Chartered Engineer and Member of the UK Institution of Structural Engineers. In 1994, he set up the Institute for Masonry & Construction Research, which he directed up to 2009. Currently, he is Chairperson of the International Institute of Baroque Studies, and member of the Institute of Sustainable Energy, and of the Institute of Sustainable Development, within the University of Malta. He has had a long career in private practice. In 1988 he set up TBA Periti, and in 2000 he was one of the founding partners of aoM partnership. He has worked on many projects involving the restoration of heritage masonry structures. He has served as Chairman of the Centre for Restoration Studies, Chairman of the Valletta Rehabilitation Committee, and President of the Chamber of Architects & Civil Engineers.

Mr Godwin Vella graduated with a B.A. (Hons) in Archaeology from the University of Malta (1995), and an MBA with a focus on Heritage Interpretation (2002) also from the University of Malta. He has served on a number of government appointed boards and committees in the heritage sector, including the Board of Directors of Heritage Malta, the National Agency for museums, conservation practice and cultural heritage. He has authored several studies on Malta and Gozo's cultural patrimony. Mr Vella was secretary of the heritage organization Wirt Ghawdex between 1992 and 2004, managed Heritage Malta's Gozo Area Office between 2004 and 2008, and headed the Ethnography, Industrial Heritage and Fort St Angelo Curatorial Unit until 2013, when he was appointed Chief Curator within the same National Agency, Heritage Malta.