

## John Warden CV

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<https://www.linkedin.com/in/john-warden>

### PROFESSIONAL EXPERIENCE

#### ATOMIC ACQUISITIONS

2021 – Present

Capability Director – Working with a group of experts to develop SMR acquisition and build programs in the UK and elsewhere. Advising investors in nuclear opportunities and technologies and matching appropriate investment to emerging programs.

<https://atomicacquisitions.com>

#### INSTITUTE OF APPRENTICES & TECHNICAL EDUCATION

2017 - Present

Member of the IFATE Engineering & Manufacturing Route Panel – The IFATE implements and assures technical education in England and is part of the UK Government Dept for Education. I provide specialist nuclear engineering and skills advice to IFATE and its stakeholders.

<https://www.instituteforapprenticeships.org>

#### STHREE plc

2016-2018

Non-executive Director, Energy Division – Advising a City-based global recruitment firm on skills development and regulatory compliance in the nuclear and wider energy sectors.

<https://www.sthree.com/en-gb/>

#### NUCLEAR INSTITUTE

2015-2016

Chief Executive - Leading the UK's professional body for the nuclear sector. Working with government, industry and stakeholders in the UK and global nuclear sector to enable knowledge transfer, sector growth and public engagement.

<https://www.nuclearinst.com>

#### UK DEPT FOR ENERGY & CLIMATE CHANGE

2013-2016

Member, Nuclear Energy Skills Alliance – UK government advisory body for nuclear sector skills modelling & development. Developed the UK nuclear skills supply & demand models which are now used by BEIS.

#### ENGINEERING CONSTRUCTION INDUSTRY TRAINING BOARD

2013-2015

Nuclear Sector Manager – Providing policy & skills link between the nuclear & engineering construction sectors. Lobbying and engagement with industry & UK government around skills development and increasing collaboration between the nuclear and engineering construction sectors.

<https://www.ecitb.org.uk>

GEN2, CUMBRIA

2012-2014

Delivered nuclear education and training to a variety of audiences from nuclear graduates (UK nuclear sector graduate entry scheme) to Sellafield apprentices.

UK ENERGY COAST, CUMBRIA

2012-2013

Reactor Operations Consultant – Leading a joint project between UK's Energy Coast consortium and Technatom to develop a training centre and curriculum for UK reactor operators to support projects at Moorside and Wylfa.

IAEA

1994 -1998

UK representative on IAEA International Arctic Seas Assessment Project, carrying out original research and policy advice into Soviet-era submarine nuclear power plant corrosion and environmental impact.

<https://inis.iaea.org>

ROYAL NAVY

1985-2012

Multiple leadership roles in submarine nuclear engineering, intelligence and operations.

Ministry of Defence roles in policy, intelligence and national events.

Qualified submarine PWR supervisor & operator.

Senior Lecturer at the Royal Navy's Department of Nuclear Science & Technology, instructing to Masters level in PWR reactor physics, engineering & operations.

Supervisor & Engineer for the RN's shore training reactor.

Work with US submarine & intelligence communities.

**OTHER ROLES**

ASTON MARTIN HERITAGE TRUST

2018-Present

Chairman of a global automotive & educational charity

<https://amht.org.uk>

INSTITUTE OF DIRECTORS

2018 – Present

Member of the IOD Accreditation & Standards Committee – Advising the IOD Board on conduct and quality of professional training and qualifications relating to UK and global corporate governance standards.

<https://www.iod.com>

QUINTILIAN LTD

2018- Present

Owner and Managing Director of a consultancy for business skills advice and training

<https://quintilian.co.uk>

JOHN WARDEN PHOTOGRAPHY

2017 - Present

Owner of a professional photography practice

<https://www.johnwardenphotography.com>

## EDUCATION

UNIVERSITY OF OXFORD MA Physics	1982-1985
QUEEN MARY COLLEGE LONDON MSc Astrophysics	1990-1992
RN NUCLEAR DEPARTMENT (UNIVERSITY OF SURREY) Postgraduate Diploma in Nuclear Reactor Technology	1993
OPEN UNIVERSITY MBA	1997-2001
KINGS COLLEGE LONDON MA Defence Studies	2001-2002

## OTHER QUALIFICATIONS

Chartered Engineer  
Chartered Physicist  
Fellow, Nuclear Institute  
Fellow, Institute of Physics  
Licentiate, Master Photographers Association

## SELECTED PUBLICATIONS

Developing project management skills for nuclear construction, Nuclear Future, May 2014

Computer assisted learning for reactor physics education and training of nuclear plant designers, operators and maintainers, PHYSOR, Seoul, S Korea, Dec 2002.

Radiological Conditions of the Western Kara Sea, IAEA - Radiological Reports Assessment Series, 1999; <http://www-pub.iaea.org/books/IAEABooks/4742/Radiological-Conditions-ofthe-Western-Kara-Sea>

Possible Criticality of Marine Reactors dumped in the Kara Sea, 3rd Int. Conf. on Environmental radioactivity, Tromso, Norway, June 1997; <http://www.osti.gov/bridge/servlets/purl/610741-HYTx8N/webviewable/610741.pdf>

Potential radionuclide release rates from marine reactors dumped in the Kara Sea, Sci. Total Environ. 202 (1997) 225–236.