

Meet the Chair – Louis Redding

Project Controls Network



Background

I am a Chartered Engineer (IET) and Chartered Quality Professional. I am also Chair of the IET Project Controls Network and a Fellow of the CQI where I am a member of the Nuclear Special Interest Group. As Head of Quality for Nuvia I am responsible for compliance, assurance, and governance within the organisation supporting high value engineering projects and services.

Key Experience

A Chartered Engineer and Chartered Quality Professional with 35+ years of experience gained within the Steel, Automotive, Nuclear and Defence sectors delivering major projects and project portfolios.

Typical projects delivered within the steel industry included the design, installation, and commissioning of steel process lines which included rolling, slitting, coating lines for coil and tube production.

Automotive projects included the design, manufacture, and tryout of stamping dies for body-in-white production. This included single and double action dies up to 1000 tonnes. Projects also included the installation and production of stamping presses, jigs, and fixtures.

Career Highlights

As head of quality for a major nuclear contractor I am responsible for compliance, assurance, governance, and quality aspects and deliverables as required by the organisation's project and service offerings. My ability to deliver these tasks is built upon 35+ years of experience gained throughout my career.

Typical projects delivered include:

- Installation of Slitting line at BSC Cookley Works
- Installation of Plastic Cladding Line at BSC Coombes Wood
- Design, manufacture and tryout of Stamping dies for Toyota, Honda, Jaguar Land Rover, Leyland Daf, Opel, General Motors, Ford,
- Obtaining Quality Certifications BS5750, ISO 9001, ITAF16949, ISO 45001, ISO 14001.
- Through-life Engineering Service Research Projects (Academic)

What attracted you to Project management?

I was driven by a desire to use my engineering expertise to deliver creativity and legacy. Project management facilitates this in all sectors be that engineering, construction, defence, energy, nuclear, rail, marine, aerospace, pharmaceutical, or service.

Career Advice

Embrace each challenge. Keep your options open and acquire transferable skills. Remember that in challenge and failure there is great value and learn from it.

What do you like to do in your free time?

I relax by reading, playing my guitar (badly), and I am a keen gardener having had an allotment for many years.

Louis's journey

Apprentice Toolmaker
1977-1982

ONC Mechanical Engineering
1977-1979

BSc Industrial Technology
1981-1984

Production Engineer
1986-1988

Engineering Director
1990-2006

Executive Diploma in Engineering Management
2005-2006

Through-life Engineering Services Research
2008-2012

Head of Quality (Nuclear)
2016 To date

C&G Mechanical Engineering
1977-1979

HNC Mechanical Engineering
1979-1981

Control Engineer
1984-1986

General Manager (Operations)
1988-1990

MSc Engineering Management
2005-2006

PhD Research
2006-2008

Senior Quality Lead Automotive
2012-2015