



ESI Health & Safety Workshop  
**LIVE ONLINE EVENT | 2021**  
**ADAPTING FORWARD**

21 October + 28 October + 4 November + 11 November

**TIMING FOR EACH DAY: 1PM TO 3.30PM**

**ABOUT THE PRESENTERS**

# HEALTH AND SAFETY WORKSHOP 2021

21<sup>st</sup> October + 28<sup>th</sup> October + 4<sup>th</sup> November + 11th November

## ADAPTING FORWARDS

### ABOUT THE PRESENTERS — Day 1: 21st October 2021

#### 13.00 — Welcome and opening remarks from Peter Berry, EEA CEO

#### 13.10 — Update from the chair of the Safety Standards and Procedures Group

Graeme Johnson, Technical Manager, Electrix, Chair SSPG



Graeme has worked in the electricity industry for 34 years. During this time Graeme has held numerous positions from lineman through to Company Director.

Graeme has been actively involved with the EEA since 2010 when he joined SSPG and more recently the NCLW.

In addition to the work with the EEA, Graeme has been involved in the development of industry qualifications with Connexis and is currently an Electrical Workers Registration Board examiner for Line Mechanics and Registered work place assessor

In 2010 he received the ESITO Contribution to Industry Award and in 2018 the EEA Professional Development Award. Graeme is also responsible for introducing the industry to the LineFit concept and the widely used Equipotential Bonding Solution utilised by industry today.

#### 13.20 — SM-EI Update

Hayley Head, Network Training and Access Manager, Orion, Lead SSPG



A registered electrician with a Diploma in Electrical Engineering, my role within Orion is the Network Training and Access Manager. As required I also act as a relief Network Controller in the control room. I am a member of the EEA Safety, Standards and Procedures Group.

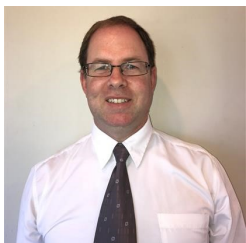
My career in the electrical supply industry covers 20 years, starting as an apprentice with Connetics, then spending three years installing and maintaining high and low voltage equipment in substations and switchyards.

I am passionate about the safety of our people in the electricity supply industry.

#### 13.30 — Creating a safe equipotential zone for personnel undertaking work on a de-energised overhead line

Graeme Johnson, Technical Manager, Electrix

Philip Boys, Principal Consultant (Electrical Safety), Mitton ElectroNet



Philip is a Principal Consultant at Mitton ElectroNet Ltd, with over 25 years experience in the power industry in New Zealand. Philip has extensive experience in the testing and design fields of earthing, lightning protection and substation design.

Philip has conducted earthing reviews, site testing, and provided earthing designs for a number of power utilities in New Zealand, Australia, Turkey, Fiji, Samoa, USA, Indonesia, and the UK.

Philip has also provided technical advice to a number of power utilities in New Zealand and Australia regarding their earthing standards, and standard earthing installations, including; Transpower (for both transmission lines and substations), Orion, ElectraNet (South Australia Lines), Electra Lines, Top Energy, Wellington Electricity, MainPower. Standards include:

- a. AS/NZS 7000:2010, Overhead Line Design - Detailed Procedures, Section 10.6 and Appendix U.
- b. AS/NZS 4853:2012, Electrical hazards on metallic pipelines, Section 5.
- c. The EEA Guide to Power System Earthing Practice, both the 2009 version, and the revision to be issued in 2018/19.

#### 14.15—Quick Break

#### 14.20 — Downer approach to mental health and well being at work, how this has impacted on organisational culture, and any insights you have from the impact of the COVID 19 pandemic

Jan O'Neill, Executive GM People and Culture, Downer



20 years+ experience working across all facets of HR as a key business partner. Currently Executive General Manager Human Resources at Downer NZ. Prior roles include GM Human Resources at Public Trust during a major business transformation, developing a customer-centred and performance-focused culture and building capability required for the future. Previously was Group Human Resources Director for Telecom NZ one of NZ's largest listed companies and led through a major transformation period including the demerger of Telecom into two top 10 listed entities.

Areas of specialty include Executive leadership, HR strategy, organisational development, leadership development, culture development, change management, remuneration and talent management.

#### 14.50 — Line Mechanics' and Cable Joiners Handbook (LMCJH) review: Update

Rob McCrone, Project Manager, EEA



Rob has been co-leading the LMCJH review project, and is here to talk to update you on the operating model for LMCJH going forward.

#### 15.10 — Assurances: operational control of equipment at the interface of two connected networks:

Graeme Johnson, Quality and Compliance Manager, Aurora Energy



Graeme has over 40 years in the electrical industry in roles from Technician involved in substations and small hydro stations to supervising network control activities. He has NZCE Elec and RAE as well as an Adult Education Certificate from Massey University. Graeme has been involved in Control Centre activities since 1999 and set up the Control Centre for the Central Otago network in 2000. He has been a member of the SSPG since 2012 and recently became a registered assessor for Connexis to complement the many training roles he has been involved with in the last 20 years. Currently employed as Quality and Compliance manager for Aurora Energy based in Cromwell.

#### 15.20 — Manual Reclosing and risk Management of Reported Hazards:

Phil Marsh, Principal Network Specialist, Powerco, SSPG Lead



When Phil Marsh moved to New Zealand in 2003 he arrived armed with nearly three decades of experience in British electricity distribution and telecommunications.

His first 15 years were spent as a high voltage technician with his work centred on primary plant with voltages of up to 132 KV. He learned a healthy respect for process safety and the consequences of getting it wrong.

But life as a technologist was not for Phil and he redirected his career path towards project management. During that time he built 2G and 3G cellular systems, fibre optic transmission systems and was involved with transoceanic cabling.

Account and network operating management followed. A return to his electricity roots beckoned on arrival in New Zealand where he signed on with major distributor Powerco.

Presently employed by Powerco as a Principle Network Specialist his engineering versatility has been tested across the company in protection, communication, operations and asset management.

#### 15.30 — Closing Remarks: Graeme Johnson, Technical Manager, Electrix Ltd

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## ADAPTING FORWARDS

### ABOUT THE PRESENTERS — Day 2: 28th October 2021

**13.00 — Welcome and opening remarks** from Jenny Oakley, Group Health and Safety Manager, Mercury Energy, Chair of StayLive

**13.05 — Update from StayLive, an industry-led initiative focused on health and safety in generation**

Jenny Oakley, Group Health and Safety Manager, Mercury Energy, Chair of StayLive



I lead an awesome team of Health and Safety professionals who are responsible for leading H&S initiatives, process safety, incident management reporting, providing advice and coaching, trending data and celebrating good health and safety behaviours. I started at Mercury in 2010 as a member of the People and Performance team where my last position was HR Business Partner to generation before transferring in 2018, to Group H&S Manager and with that transfer joining StayLive.

**13.15 — Resilience in uncertain times**

Kat Milburn, Registered Organisational Psychologist, Umbrella



Kate has been a registered psychologist since 2009, she has a Master of Science in Psychology (First Class Honours), a Post Graduate Diploma in Industrial and Organisational Psychology, and a Post Graduate Diploma in Business Administration (HR Endorsement). Kate is delighted to bring all she has learned as an organisational psychologist to Umbrella as our new Customer Relationships Lead, working with clients to create optimum wellbeing for employees. “I firmly believe when people are well, they perform at their best. Often companies call in specialist advice when they need an ambulance at the bottom of the cliff – I’m excited about supporting businesses to be more proactive”. She loves that Umbrella allows her to work flexibly. “Flexible working is one of the key enablers of gender equity. It means we can balance work with our passions outside work.”

It’s safe to say, Kate Milburn is all about building strength. “When we talk about ‘being resilient in a crisis’, we often think about sustaining business outcomes and bouncing back economically. But the reality is you can’t do that if you haven’t supported your *people* to be resilient.”

**14.45 — Quick Break**

**14.50 — Update from the Chair of the National Committee for Live Work**

Bob Taylor, Bob Taylor Ltd



Bob has over 45 years' experience in the Electricity and related utility industries. Initially starting as a trade apprentice in a UK power company, he has progressed through trade, supervisory, technical engineering, project management, design, operational and corporate management positions, including the position of Managing Director of Connetics Limited, a utility contracting company. He has trade qualifications, NZCE Elec, REA and a BE (Hons) from Canterbury University.

Bob served as the President of the Electricity Engineers’ Association for 4 years, was Chairman of the Industry Safety Standards and Procedures Group (SSPG) for 5 years and is currently Chairman of the National Committee Live Work. In these roles he has spoken at both national and international conferences.

He has worked as an industry consultant since 2010 undertaking assignments for many of our industry companies. He has a particular interest in assisting Network Companies and Utility Contractors to develop and implement continuous improvement strategies to improve operational, safety and field service performance. Bob has undertaken investigations and has acted as an expert witness on behalf of our industry companies.

## ADAPTING FORWARDS

### 15.00 — Night Shift work and the effects of fatigue on safety in the electricity industry: A research proposal and request for support

Matt Sadgrove, Health and Safety Manager, Delta



Matt is a high performing, values driven communicator. He has been in H&S for over 10 years and currently works as H&S Manager for Delta. He has been part of the New Zealand Institute of Safety Management professional development committee as well as the EEA critical risk working group. He is always driven to add value and as part of his Masters level study at Victoria University is currently looking for participation to help on an industry based research project. Are the safety risks associated with nightshift work managed in New Zealand electrical distribution networks?

### 15.15 —Whakaiti Kino #BetterWorkNZ

Katie Muldrew, Health and Safety Innovation Lead, WorkSafe New Zealand



In 2011, Katie Muldrew left Ireland armed with a single suitcase, a BEng (Hons) in Civil Engineering and a desire to help rebuild Christchurch following the 2010 and 2011 earthquakes. Katie spent 4 years working as a Geotechnical Engineer as part of the Stronger Christchurch Infrastructure Rebuild Team (SCIRT) alliance and the EQC land damage assessment team.

Following completion of a Masters in Engineering Management in Canterbury in 2016, Katie moved into more Project Management focused roles, using her strengths in relationship management to bring people together to achieve common goals. Following her passion for facilitating, coaching and finding new ways to solve problems, Katie became an Innovation Lead at WorkSafe in March 2020. As an Innovation lead at WorkSafe, Katie is focused on developing solutions that address real human-needs and bringing people together for a collaborative approach to solving challenges faced by industry.

### 15.30 — Closing Remarks: Jenny Oakley, Group Health and Safety Manager, Mercury Energy, Chair of StayLive

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### ABOUT THE PRESENTERS — Day 3: 4th November 2021

You're welcome to join early! Enjoy a tea or coffee while you wait.

**13.00 — Welcome and opening remarks:** Maarten Tinsel, HSE Manager, Electrix, Chair of EDI Health and Safety Forum



Maarten Tinsel joined Electrix Distribution in 2013 as the QSE (Quality, Safety, Environmental) and Compliance Manager. This job title was later changed to HSE Manager.

Maarten holds a Diploma in Health & Safety Management, a Bachelor of Construction Management, as well as various other qualifications and certificates.

Prior to joining the electricity sector in 2013, Maarten had 17 years' experience on construction projects with one company within New Zealand, mainly in management roles, on a variety of projects ranging from major construction to internal fit outs. Since 2003 Maarten has progressed more into the

**13.05 — Unison EU Project presentation**

Gary Dykes, Technical Specialist, Unison



I'm a registered Electrician and have been in the electrical industry for 32yrs. I've spent most of my career working with High Voltage, starting with the local power board in Rotorua and moving on to Powermark circa 1994 as an Electrical Fitter maintaining Transpower substations. In 1997 I moved in to the Technical department where I gained experience testing and commissioning all types of substation equipment. I stayed in that line of work until 2012 which is when I joined Unison as the Technical Services Team Leader in the Rotorua depot.

I have recently moved in to the newly established role of Technical Specialist within Unison Contracting Services. This has been a challenging role so far and a big learning curve.

**13.35 — Legal Update: from one of New Zealand's best lawyers and law firm**

Greg Cain, Partner, Dentons



Greg leads our employment and health and safety team in Wellington. He is a highly experienced specialist with over 20 years in practice advising central and local Government, private enterprise and not-for-profit organisations on all aspects of employment and health and safety issues.

Greg works with HR and health and safety advisers, in house counsel, senior management teams and boards of directors.

He assists clients on a wide range of employment matters from personal grievances to large scale restructurings, and complex contractual issues involving bonus schemes and restraints of trade. He has extensive experience in Holidays Act issues, and frequently carries out – or advises on – workplace investigations. Greg frequently argues cases in the Employment Relations Authority and the Employment Court.

Greg advises clients on a wide range of health and safety issues, including investigating serious incidents, and represents them in WorkSafe investigations and prosecutions. Greg has provided extensive advice and training on the legal implications of the Health and Safety at Work Act, including advising on governance, contractor management, and PCBU interactions.

Greg is recommended by Chambers Asia Pacific and Legal 500. He is frequently approached by the media for comment on topical issues, and regularly speaks at conferences and seminars.

Greg is committed to delivering results. He is pragmatic and easy to work with, and adept at finding cost effective solutions to difficult problems.

**14.20 — Quick Break**

# ADAPTING FORWARDS

## 14.25 — Road and roadside worker health and safety good practice guidelines

Ruth Cook, Engagement and Implementation Lead, WorkSafe New Zealand



## 14.40 — Business Leaders Health and Safety Forum Update

Francois Barton, Executive Director



Francois is the Executive Director of the Business Leaders' Health and Safety Forum. Before joining the Forum in May 2015, Francois was with the health and safety regulator for almost 10 years. During that time, he established WorkSafe's national programme team, including the significant interventions in construction, forestry and agriculture.

Francois has spent his career working with industry to effect change by reframing and redefining complex challenges. He is a current board member of CHASNZ and Safer Farms. He is a much sought-after conference speaker who brings a fresh perspective to health and safety.

## 15.10 — Preview of the Fleet Safety Tool on rightcar.govt.nz

Paul Harrison, Principal Advisor, Waka Kotahi New Zealand Transport Agency



Paul is a principal advisor working on the Government's road safety strategy - Road to Zero. Road to Zero articulates a shared vision for New Zealand, as well as the key principles to guide decision-making across the system. It outlines our approach to the challenges of the next decade and the steps we need to take to meaningfully reduce road trauma.

The areas am involved with are;

- Improve data around work-related driving;
- Support and encourage private sector initiatives to establish best practice road safety standards;
- Focus on driving for work as a common critical safety risk for government agencies;
- Review logbook and work-time requirements under the Land Transport Act 1998;
- Review the roles and powers of regulators

## 15.30 — Closing remarks: Maarten Tinsel, HSE Manager, Chair of EDI Health and Safety Forum, Electrix

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### ABOUT THE PRESENTERS — Day 4: 11th November 2021

#### 13.00 — Welcome and opening remarks: Julie McAvoy, Group Health, Safety, Environment and Quality Manager, Powerco



Julie McAvoy holds a Bachelor Mechanical Engineering Degree and a Master in Mechatronics. During her 25 years' experience she has held a number of engineering, project management and leadership roles in the UK and New Zealand in heavy engineering and marine, including eight years with Rolls Royce Marine. Since immigrating to New Zealand in 2009, Julie's experience has been in the oil and gas sector in Taranaki. She has worked for an integrated energy company and in engineering, procurement, construction contractors in operations, engineering leadership and quality, health, safety and environment roles. Her experience ranges from engineering and project management, design for safety, lean six sigma, and quality, health, safety and environment management through to strategic planning and execution.

#### 13.05 — An update on the Temporary Traffic management (TTM) Project

Duayne Cloke, Senior Manager Critical Risk, Waka Kotahi NZ Transport Agency



Duayne is an experienced Health and Safety Manager with a demonstrated history of working in the management consulting and civil construction industries. Skilled in Government, Law Enforcement, Military, Hospitality, Emergency Management, Workplace Safety, Health and Safety Leadership and Occupational Health. He is a strong operational professional with a Post Grad Dip Occ Health and safety from Massey University. Duayne 's focuses on the key areas of leadership, planning and communication to achieve great positives H&S outcomes for his clients. Building strong relationships built on trust enables Duayne to be a great problem solver and risk manager. Duayne also works hard to achieve a positive organisational culture that enables the embedding of H&S within the fabric of the business. leadership, planning and communication to achieve great positives H&S outcomes for his clients. Building strong relationships built on trust enables. Duayne has been awarded the 2021 Health and Safety Practitioner of the year.

John Ballie, Critical Risk and TTM Program Director and Change Lead, Waka Kotahi New Zealand Transport Agency



John is a highly capable leader, with broad expertise across human resources and behaviour, change and transformation, technology, leadership and governance.

*"John is an active volunteer and highly regarded in the HR community in New Zealand as a expert, I value his leadership and professional, constructive approach."*



# ADAPTING FORWARDS

## 13.35 — Public Safety Working Group (PSWG) Update: ISO 45001

Julie McAvoy, General Manager Health and Safety, Chair of PSWG, Powerco

Chris Peace, Lecturer in Health and Safety, Victoria University



Chris is a Lecturer in Occupational Health and Safety at Victoria University of Wellington

After graduation in 1974 I worked in a regulatory role in the UK, enforcing health and safety legislation, and then moved to New Zealand in 1980. Here I changed careers and worked in risk management before returning to the UK in 1990 where I continued to work in risk management and studied for a MSc in risk management and safety technology. Returning to New Zealand in 1995, I continued to work in risk management before joining the Natural Gas Corporation in 2000 where I was the corporate Risk Manager. In 2003 I left NGC and established Risk Management Ltd as an evidence-based risk management consultancy. In 2005-2012 I taught risk management part-time at Massey University and then moved to Victoria University to research "The effectiveness of risk assessments" for my PhD, graduating in 2019. In April 2020 I joined the School of Health as Lecturer in Occupational Health and Safety and was asked to teach two papers in the Master's programme.

## 13.50 — The Knowledge Network Update: Shared learning, Line Mechanics Handbook, Learning Support

James Dodwell, Principal Advisor, EEA



James is new to the industry, joining the EEA in 2018, but he's worked in health and safety for almost 20 years. He has many years of front-line operational experience, including as an inspector and an investigator for WorkSafe. Following the Pike River tragedy, he directly advised the Government taskforce on workplace health and safety, and went on to advise MBIE's shaping of the new legislation. He also lead parts of WorkSafe's implementation of the Health and Safety at Work Act 2015, where his system-thinking, strategic perspectives, relationship management skills and pragmatism paid dividends.

Educated at Victoria University and Massey University, James has a Bachelor of Science in Psychology, and a Masters' Degree in Human Factors.

## 14.15 — Quick Break

## 14.20 — Learn how to use RIGOR: A proven, highly practical, problem-processing technique that we know you will find really interesting

Dr Deniese Cox, Online education expert



Many educators and facilitators aren't happy with their online teaching - neither are their participants! I provide personalised coaching and workshops to move educators and facilitators past the one-size-fits-all generic advice. With support, they quickly become confident to implement customised, effective strategies that are aligned to their context. In turn, participants become more authentically engaged, and are more connected to content that gets results.

## 15.20 — Closing Remarks: Julie McAvoy, Group Health, Safety, Environment and Quality Manager, Powerco

## DAY 4 CLOSE



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