

NZWEA HSE WORKING GROUP UPDATE





new zealand

wind energy association





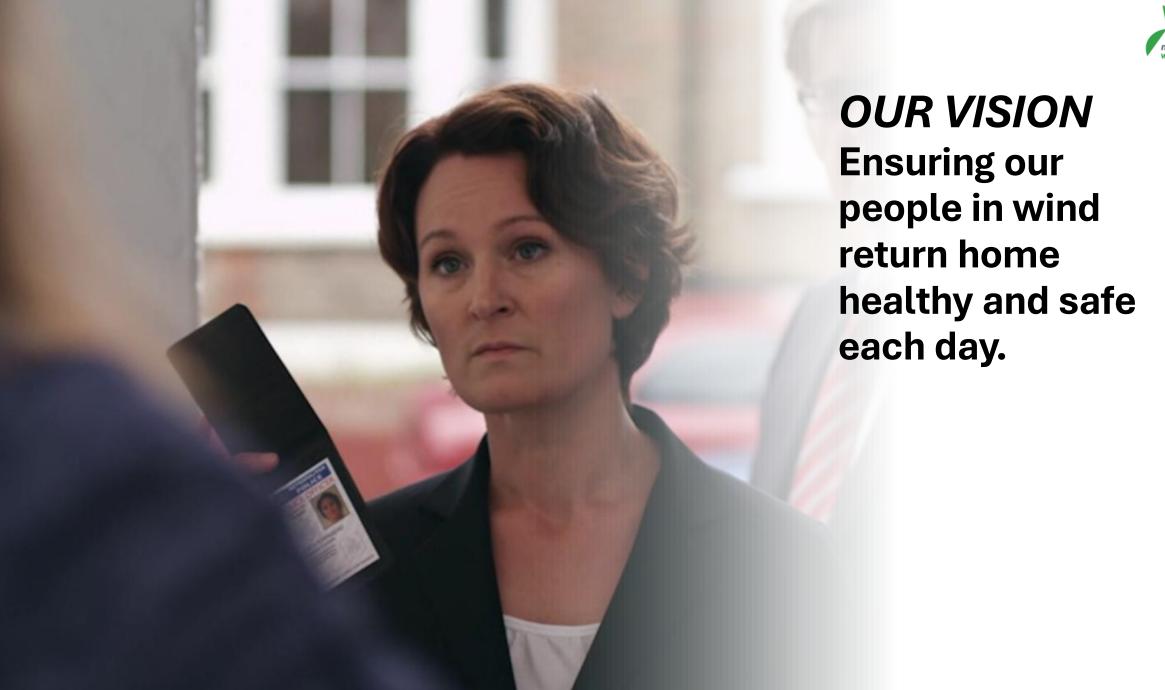


Find Out More

- Operating Onshore Windfarms
- Onshore Windfarms in the Pipeline
- Offshore Wind Working Group
- Offshore Wind Farm Under Investigation









OUR PURPOSE

Is to support and promote best practice in Health, Safety, Training and Environmental management in the NZ Wind Energy Sector

- Share learnings
- Share insights that tackle key NZ Wind HSE challenges.
- Bring together passionate professionals from across the sector to collaborate on best practices, safety standards, and environmental stewardship.
- Drive industry-wide safety and environmental improvements using global best practise.
- Build a strong network of HSE professionals that will help shape the future of wind energy in Aotearoa.



Strategic planning- The next 2 years Appreciative Inquiry & BlueSky Thinking Workshop

Outcome – Help us define what good looks like for the NZWEA HSE Working Group

Other valuable note outside this workshop



1 - Hierarchy at the door

2 - Phones on silent

3 - Safe word if we drift of point 'Pineapples'

4 - Actively participate - don't wait to be asked 5 - Allow people to finish what they are saying

6 - Take multiple perspectives

6 - Keep it real

7 - Let everyone share the airways

8 - Respect diversity of views

9 - No bad dad jokes © 10 - Please do not play with the MIRO board it

is not a toy



Appreciative Inquiry Workshop.

To help us understand and data collect what good looks like for the NZWEA HSE working

group.

This will help shape our future for the next two years.



Continuum line How would you currently assess the effectiveness of the NZWEA Health & Safety group? 0-10 scale 0 = poor, 10 = excellent.

What do you bring to the table? Do not be humble!





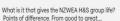


Problem solving skills
Find out from each other when stuff went well, when they solved a question effectively similar to what we are trying to achieve and give the context to the how



Points of difference. From good to great....











Blue sky thinking





- Development of world class NZ H&S Guidelines
 Communications
 Knowledge based sharing
 Training and competency





From this list what are the realistic things, we can do to move the continuum scale up. Considering the time, cost, trouble for each initiative within our capability and capacity.





ownership of the agreed actions

Ground rules

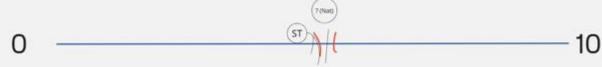
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Do not be humble!

Offshore onshore experience

Hands on and management experience Technical expertise in Height safey, Rope access and Rigging Adminstrative documennt creation and process guidance Health and saftey expertise for heights

[Nat] I've got background in driving WTSR for Meridian. I have ideas and enthusiasm for rewriting the permit system. management of execution teams in different countries predominantly Aust and NZ

few decades of

wind from windfarms being on the tools through

commissiongin of projects and

mainting

experience working with OEMs developers and Contractors in the development to operation phases

experience of wind

20 years health and safety experience

Global insight best practice

Project management Delivering on agreed actions DC - Over a decade in WHSE across Pacific region and Asia.
Previously a qualified rigger, leading rigging crews and telecom technical crews.
Experience across power, telecoms and construction and heavy construction etc.
Experience in oil and gas alongside power distribution for mine sites,

over 25yrs experiance in O&G and heights sectors

Problem solving skills

Find out from each other when stuff went well, when they solved a question effectively similar to what we are trying to achieve and give the context to the how

Removed a vestas radiator withougha crane while the Nacelle was still elevate IQP for height safety compliancein turbines Bringing in worker participation to ensure buy in when introducing change

Devlopment of multi turbine type health and safety guidelines when safety issues arrived on site, working collectively with the PCBU Contractors and OEMs site safety improved.

Driving change introduction of overseas safe system of work into NZ

What is it that gives the NZWEA H&S group life? Points of difference. From good to great....

the need for a Central point of Contact for Developers and contractors within our industry We are focused on one specific industry

Variety of experainces to guide the process

Collective will to see change Being smaller makes it easier to collaborate Open and honest conversation

as an Focus group we have the opportunity to layout Industry best practice We are not huge in a global scale we have more agility

Got our house in order Worksafe.

Can do attitude.

Demonstrate best practice Learn from mistake elsewhere

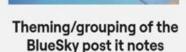
Above and beyond

Blue sky thinking

Guidelines Be the Safety Be recognised as champions of leadership establish best the wind industry change for HSE and support practices for best practice for activities for the NZWE based on structures HSE guidelines overseas and wind sector local experience Givin Hart DEVELOP 144 standard WIND H&S setting and Guidelines for streamline processes Operational and advocacy to improve efficiencies Management particularly around statutory inspections National Develop technical Helicopter competence that development of Evac process can be ustilised offshore wind across Asia standards for Pacific NZ WIND NZ operations Earthquake High level NZ guideline Wind safety in design upstream guidelines NZ Wind heat/cold quidance NZ Weather awareness Build a relationship mandate between NZWEA and Wok Safe to promote better from Unified NZ industry specific safety Sector WIND Safe practises and outcomes System of Work Inception of regulation in the wind industry, where it currently does not exist, in alignment with legislative guidance etc.







- Development of world class NZ H&S Guidelines
- 2. Communications
- 3. Knowledge based sharing
- 4. Training and competency





From this list what are the realistic things, we can do to move the continuum scale up. Considering the time, cost, trouble for each initiative within our capability and capacity.

Develop NZ Wind comprehensive H&S guidelines Grow our coms attendance/e xposure/buy in to group

Engagement

Training and competency VOC

Knowledge based learnings Shared Learnings/ experience s/Alerts Create a Database of external SME



Actionable commitments and ownership of the agreed actions



HIGH-LEVEL SUMMARY OF THE WORKSHOP OUTCOMES

- 1. Identification of the induvial/group's success factors, collective skills, and expertise.
- Our team possesses the global expertise, technical experience, passion, and strategic leadership necessary to drive these initiatives forward. With strong industry connections in the wind sector, we are well-positioned for success.
- We bring extensive experience in health and safety business improvement, collaboration, adaptability, and problem-solving. Our ability to develop complex guidelines and policies, upskill teams, and work with agility enables us to respond to the groups needs and sustain momentum.





HIGH-LEVEL SUMMARY OF THE WORKSHOP OUTCOMES

2. Our points of difference from other similar groups that can move us forward from good to great.

- As a working group, we recognize the opportunity to define and shape industry best practices in health and safety.
- By already having a strong health and safety foundation in place 'our house in order', this enables us for a proactive, solutions-driven approach that will allow us to go above and beyond.
- By focusing exclusively on the wind energy sector, we operate with less complexity to other similar electrical industry groups. Given us an agile framework and enhancing our ability to drive meaningful progress to succeed.
- Being a relatively small group collective collaboration will be more efficient.





HIGH-LEVEL SUMMARY OF THE WORKSHOP OUTCOMES

- 3. Based on our data driven findings, we have a clear unified pathway forward for new initiatives beyond our regular meetings to strengthen and advance our H&S strategy.
- Develop an up-to-date version controlled new set of New Zealand Wind Comprehensive Health and Safety Guidelines.
- Grow our groups engagement, attendance, and exposure.
- Establish a centralised knowledge-sharing hub on our webpage, serving as a comprehensive resource for industry insights. This platform should include shared learnings, experiences, positive safety observations, alerts, and an SME database.
- Develop a version-controlled NZ Wind energy Training and Competency Guideline.



NEXT STEPS

- BAU through our normal scheduled meetings
- Workshop digest time
- Present the findings at our next group meeting and finalise agreement to action
- Request initiative/project leads to volunteer to take ownership of the 4 agreed outcome projects

Noting - Funding may be required pending approval from the NZWEA Board, along with additional resourcing at the individual business level.



EXCITING WORK TO BE DONE! THE 4 PROPOSED PROJECTS

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