A close-up photograph of the right side of an Air New Zealand Boeing 777 aircraft. The aircraft is painted in the 'Māori' livery, featuring the iconic silver fern and the 'Mea' (bird) logo on the tail. The engine cowling is prominent in the foreground, showing the 'G' logo. The aircraft is parked on a tarmac under a cloudy sky.

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Simplifying Safety Management

Marina Kunz

Manager Operational Integrity and Safety – Flight Operations

SM ICG – 05 November 2024

A STAR ALLIANCE MEMBER 

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Perfection is achieved, not when there is nothing more to add, but when there is nothing left to take away.

Antoine de Saint-Exupéry

S M S S I M P L I F I C A T I O N



- ✓ Essential practices
- ✓ Streamline processes
- ✓ Use of clear language
- ✓ Not compromise safety standards

Nurture a safety culture that is appealing to engage with, more involving and easier for all employees to comprehend and implement.

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THE SAFETY ACADEMIC

ICAO - The state in which risks associated with aviation activities, related to, or in direct support of the operation of aircraft, are reduced and controlled to an acceptable level.

SKYbrary - Safety management is an organisational function, which ensures that all safety risks have been identified, assessed and satisfactorily mitigated.

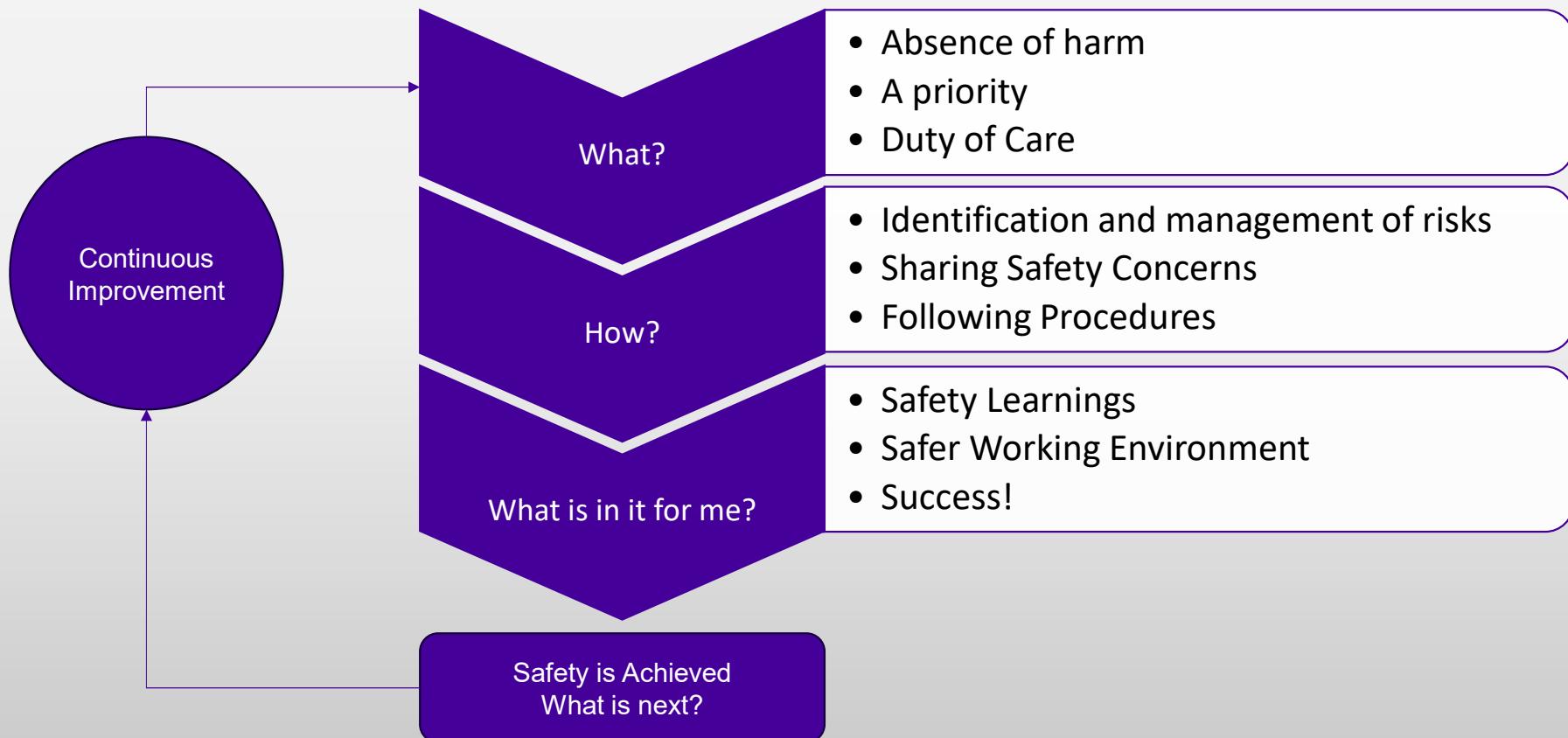
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Wikipedia – Aviation safety is the study and practice of managing risks in aviation. This includes preventing aviation accidents and incidents through research, educating air travel personnel, passengers and the general public, as well as the design of aircraft and aviation infrastructure.

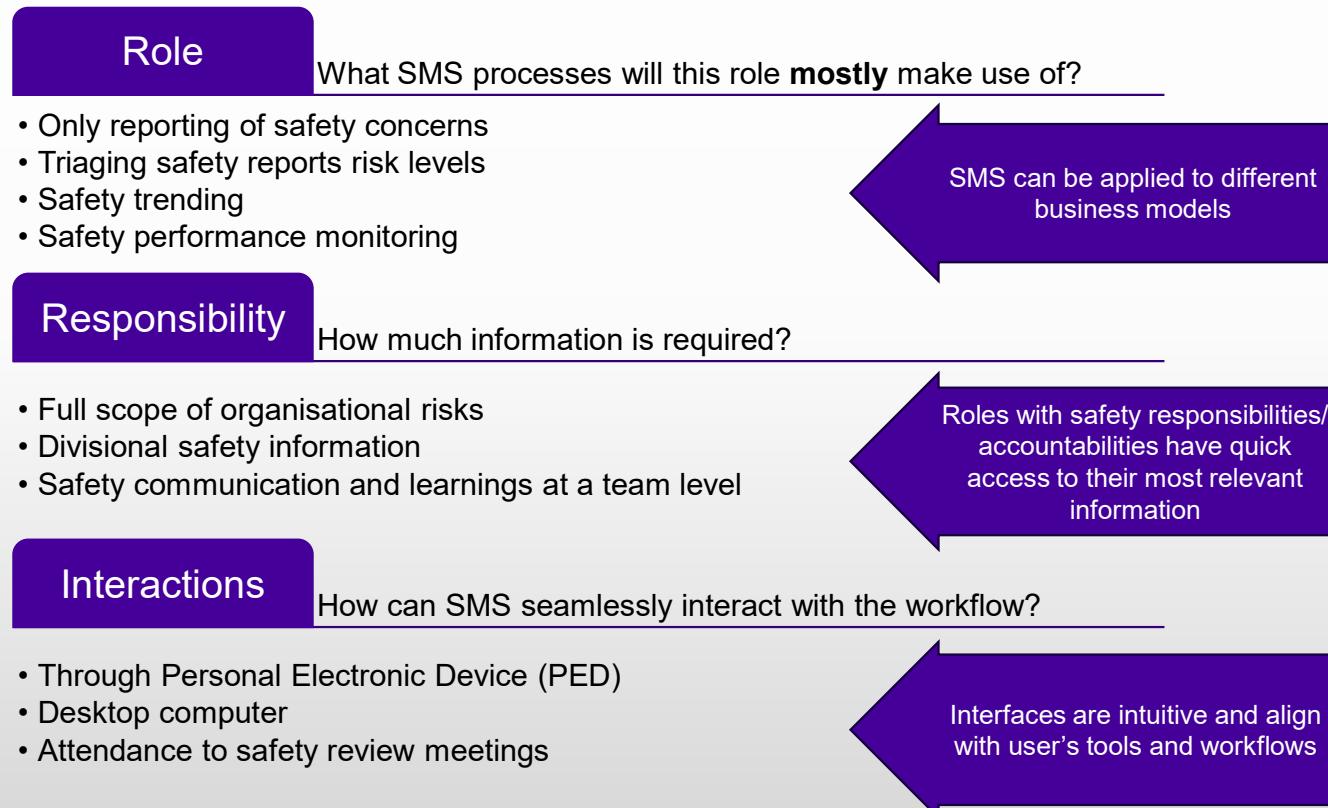
“Safety should be easier to practice than to explain” - Me

THE CONCEPT OF SAFETY

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AN USER-CENTRIC SMS



- ✓ Essential practices
- ✓ Streamline processes
- ✓ Use of clear language
- ✓ Not compromise safety standards

EXAMPLES OF USER-CENTRIC SIMPLIFICATION



A photograph of an Air New Zealand Korusafe report card. The card is white with black text and features the Air New Zealand logo in the top right corner. The text on the card includes:

- Safety**
- We all contribute**
- Something not quite right?**
- SEE it**
- HEAR it**
- SUBMIT a KORUSAFE REPORT**
- WHAT TO REPORT**
- Follow the QR code to submit a Korusafe report**
- Brilliant Basics | Take Time To Think | Look After Your Mates | Safe OTP**

At the bottom of the card, there is a QR code.

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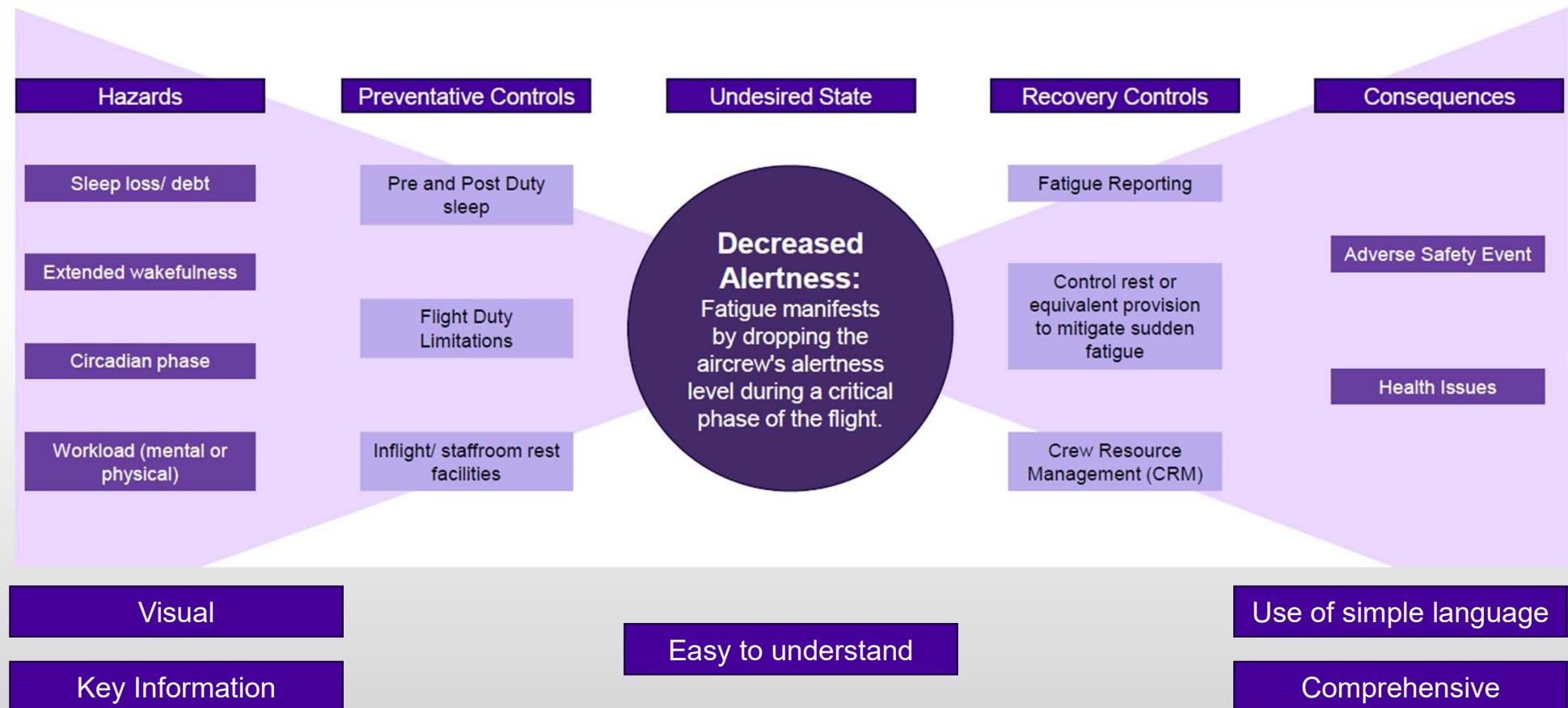
Relatable to the audience

Use of simple language

QR code link directly to a digital report form

Promotion of Safety Principles

EXAMPLES OF USER-CENTRIC SIMPLIFICATION



EXAMPLES OF USER-CENTRIC SIMPLIFICATION

OPERATIONAL
RELIABILITY & SAFETY
Operate safely, responsibly and reliably

TITLE

RMP Reference To KSRR (if applicable)

DU/CoE/Tribe

Implementation date

Risk Owner (s)

Functional Risk Manager (s)

Risk Facilitator

Independent Reviewer (s)

Key Risk Dimension

Key Guardrail Empowerment Framework Guardrails

Risk Summary (Residual risk post treatment)

Low	Medium	High	Very High
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Required to escalate to RMP full version? Yes No

Attachments



ORMP Essentials – “a simpler tool for simple changes”

- PDF form with embedded links
- Risk assessment is defined by the limitations of the form
- Drop-down menus
- Mandatory fields
- Intuitive filling
- Follows Risk Management process
- Ready to attach it to the risk register

Visual

Easy to understand

Standard terminology

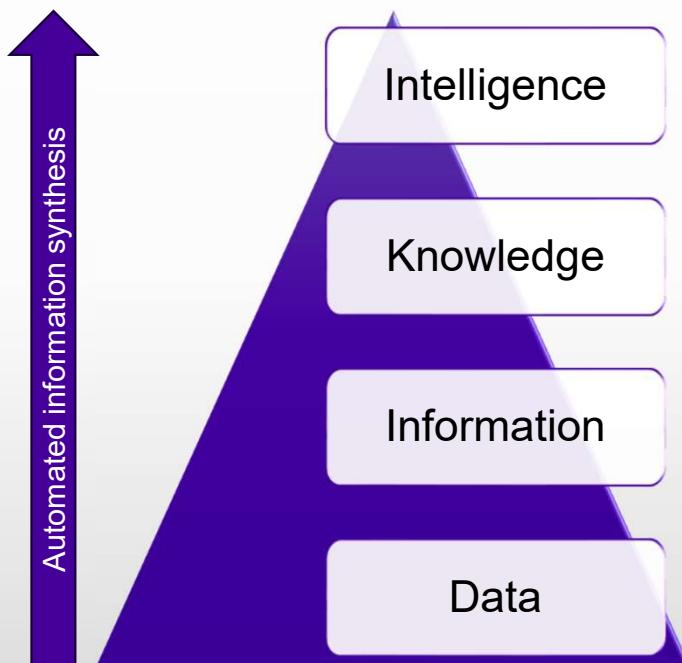
Key Information

Easy to use

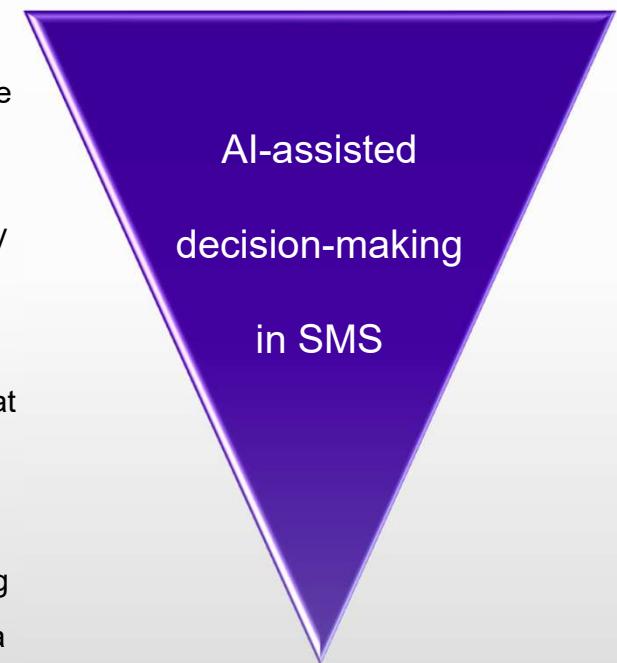
Comprehensive

HOW COULD THE FUTURE LOOK?

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- Increased integration of advanced technologies and a more holistic, predictive approach
- Augmented/ Virtual reality modelling safety scenarios and training
- AI-driven safety management solutions that adapt in real-time to changing conditions.
- Artificial Intelligence and Machine Learning algorithms continuously analyse large data volume.



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