


AIR NEW ZEALAND 

Simplifying Safety Management

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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

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SMS SIMPLIFICATION



- ✓ 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.

THE SAFETY ACADEMIC



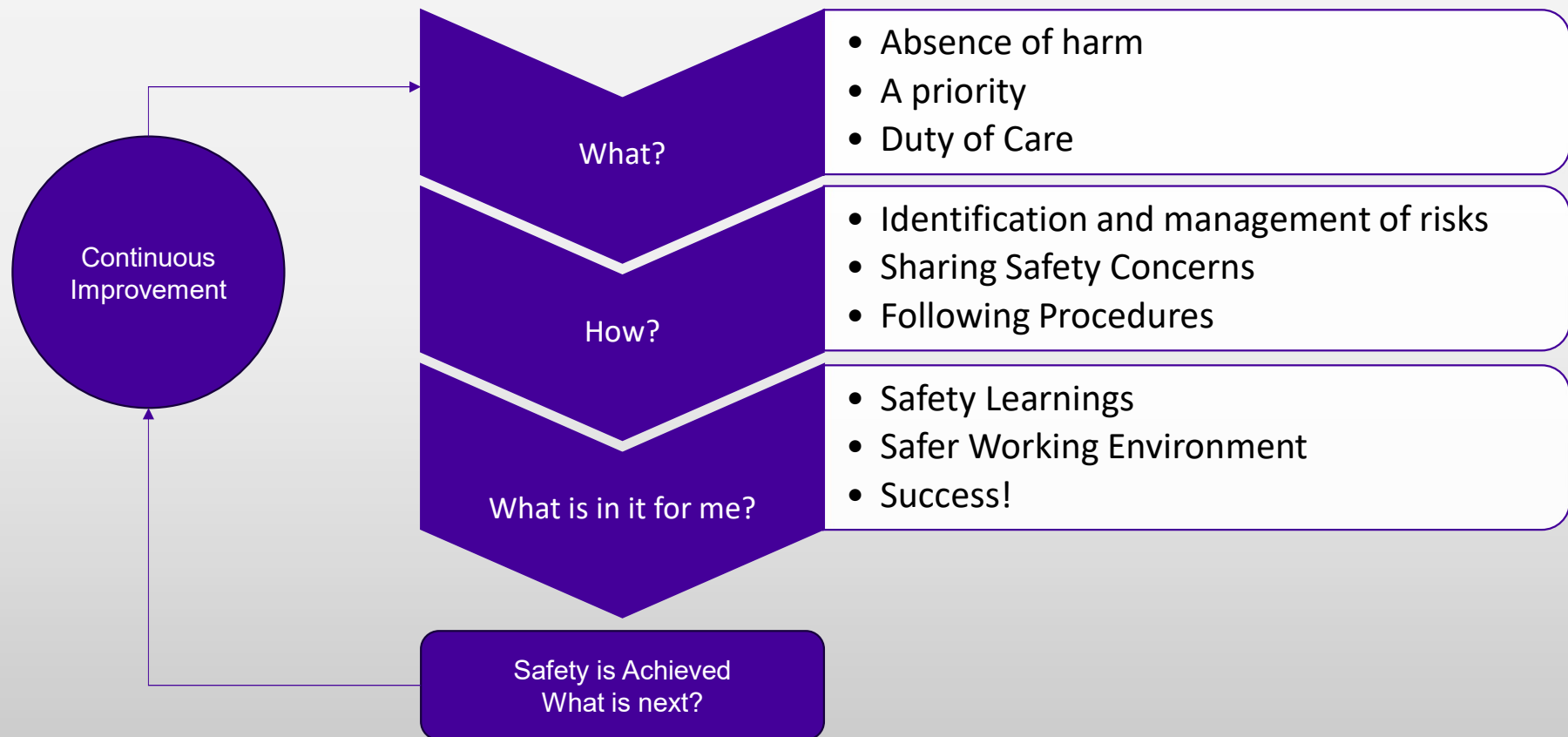
ICAO - The state in which risks associated with aviation activities, related to, or in direct support of the operation of aircraft, are reduced and controlled to an acceptable level.

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

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



AN USER-CENTRIC SMS



Role

What SMS processes will this role **mostly** make use of?

- Only reporting of safety concerns
- Triaging safety reports risk levels
- Safety trending
- Safety performance monitoring

SMS can be applied to different business models

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

Responsibility

How much information is required?

- Full scope of organisational risks
- Divisional safety information
- Safety communication and learnings at a team level

Roles with safety responsibilities/ accountabilities have quick access to their most relevant information

Interactions

How can SMS seamlessly interact with the workflow?

- Through Personal Electronic Device (PED)
- Desktop computer
- Attendance to safety review meetings

Interfaces are intuitive and align with user's tools and workflows

EXAMPLES OF USER-CENTRIC SIMPLIFICATION



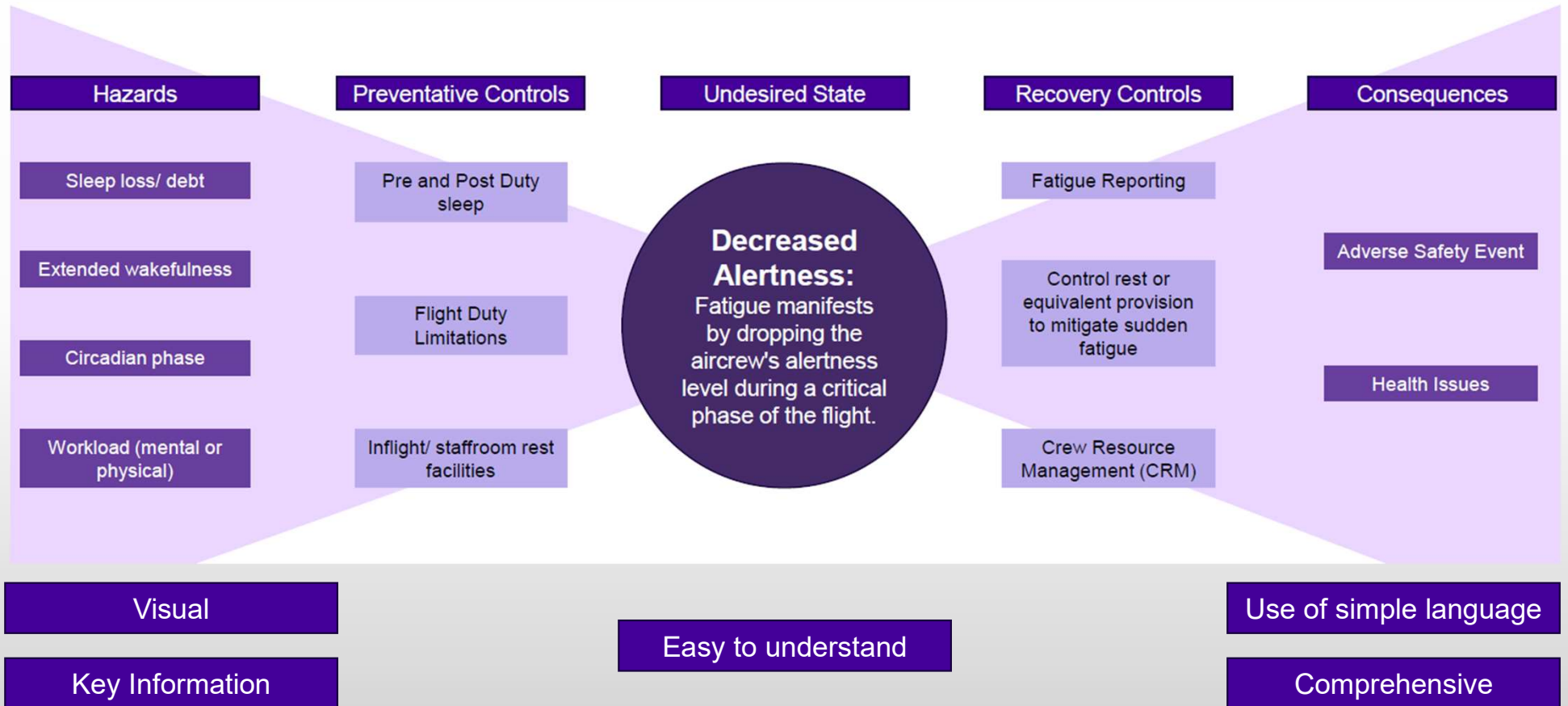
Relatable to the audience

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



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

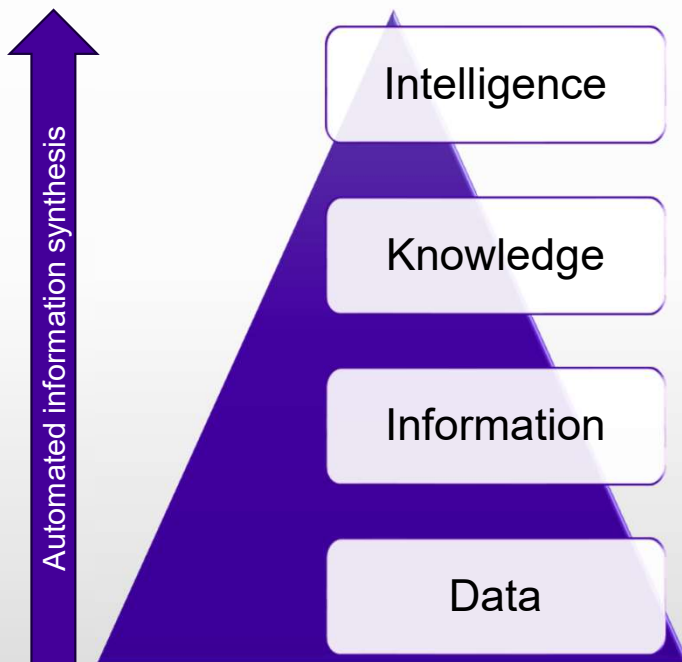
Standard terminology

Key Information

Easy to use

Comprehensive

HOW COULD THE FUTURE LOOK?



- 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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