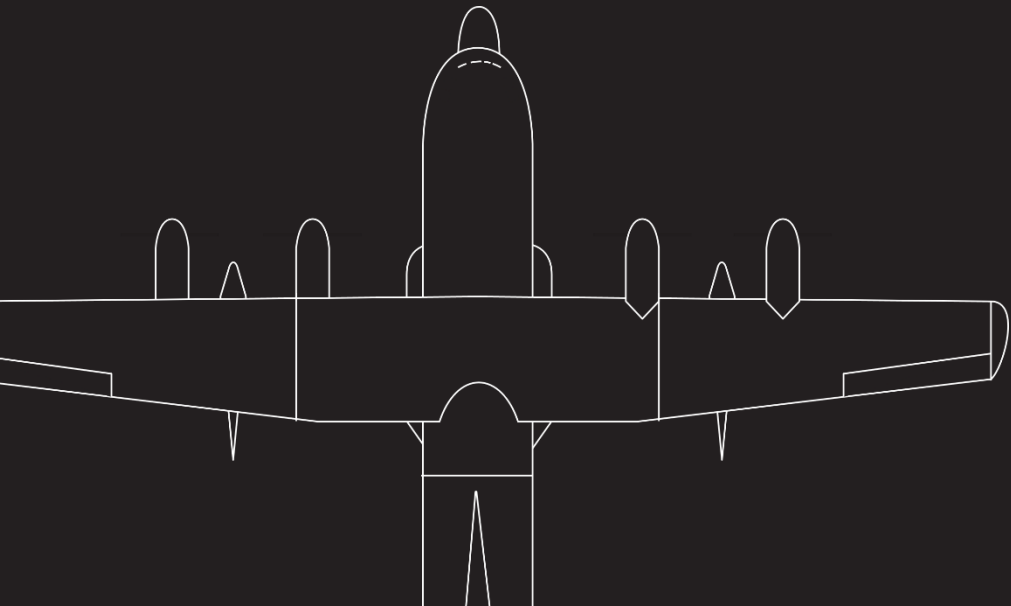
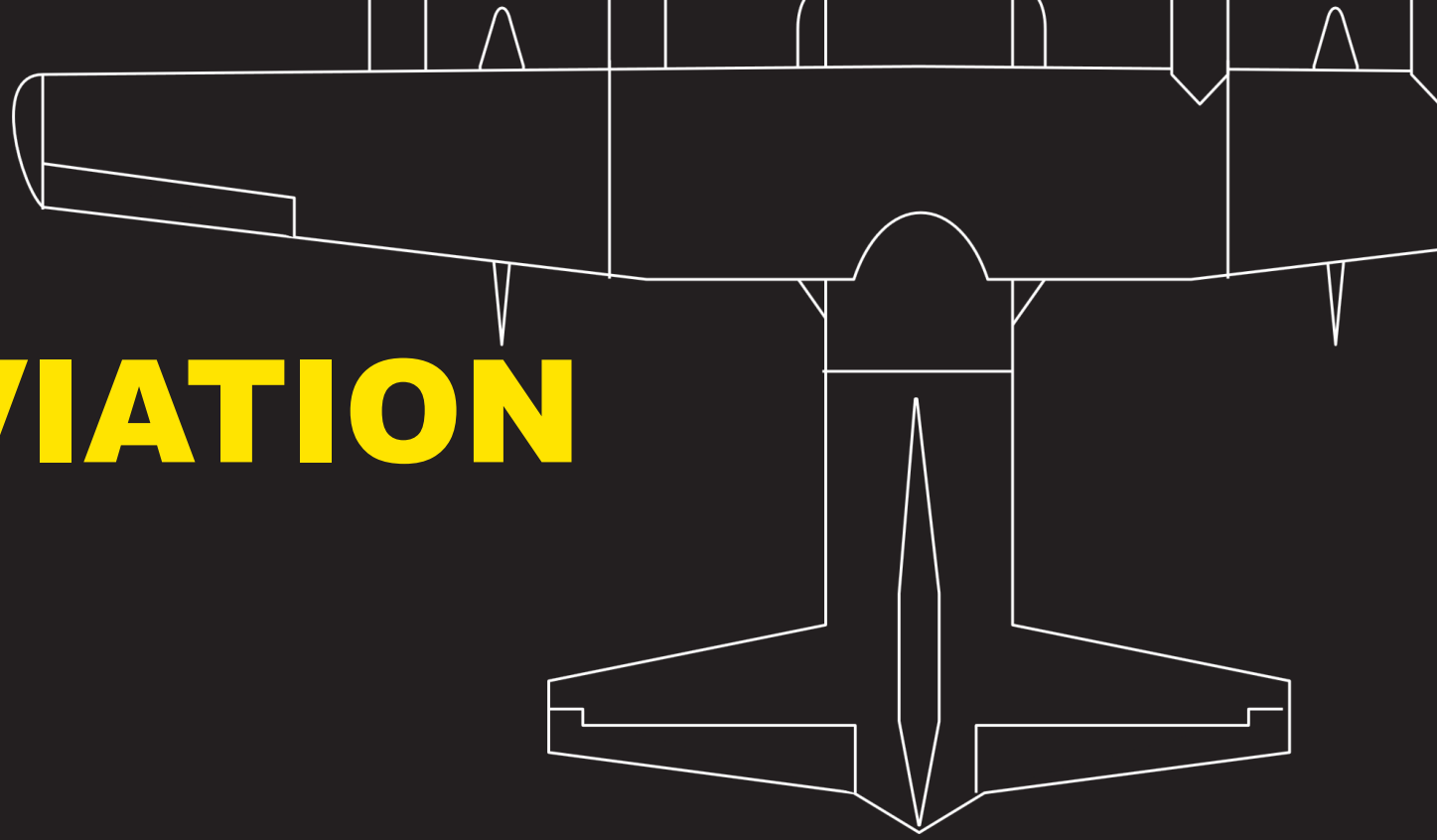


DEFENCE AVIATION RULES

Royal New Zealand Air Force

WGCDR Trev Hammond – DAR PM





- New Zealand
- Introduction
- 01 July 2019 – ‘Establish’
- Develop Experience – ‘Consolidate’
- Opportunities – ‘Exploit’
- Our structure
- Challenges for a small military
- Benefits of being a small military
- Operating Airworthiness.



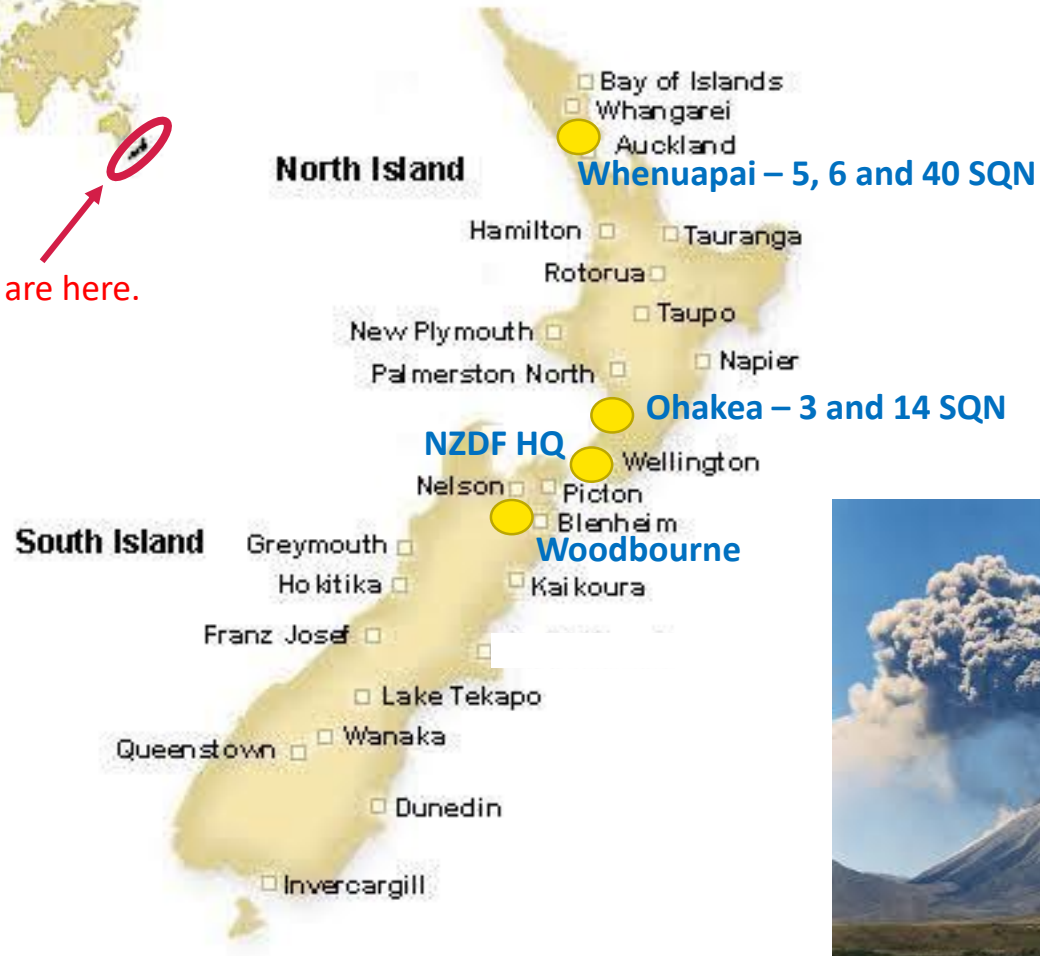
Who are we?



New Zealand
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We are here.





Introduction

- In 2013 the NZDF began to consider a need to update its AW framework:
 - Not unsafe, just difficult to describe and measure.
- Alignment with International Standard:
 - Common language
 - Interoperability
 - Recognition
 - Complete AW framework
 - Ease of doing business.
- Capability lifecycles coming to an end:
 - Capability acquisition projects under way – P-3 and C-130(H) replacements
 - Recognition activities.



Phases

- Three phases introduced:
 - Establish – (Crawl)
 - Consolidate – (Walk)
 - Exploit – (Run).
- Learning journey for everyone:
 - *Regulated Community*:
 - Language
 - Changing functions
 - *Authority*:
 - Approach to transition
 - Changing functions.
- Internal – NZDF only:
 - Contractors next – capacity.

Phase 1: ESTABLISH *(Commenced 1 July 19)*

Policy/Regulations

- Continued operation under existing procedures and policy manuals – Tech and Ops
- Current Delegated Engineering Authority remains
- Defence Aviation Rules approved – benchmark
- New DARs Orders, Instructions and Procedures (OIP) available for training and early adoption
- Procedures will be released for use by RMs, using a **structured approach – linked to transition plans**, Authorised to do so by an Advisory Circular (AC).

Establish

NZDF organisations

- Establish DARs organisation naming convention
- A single maintenance organisation established across both operational Bases – RMs in place
- NZDF design organisation seeking approval.

Transition to DAR approval

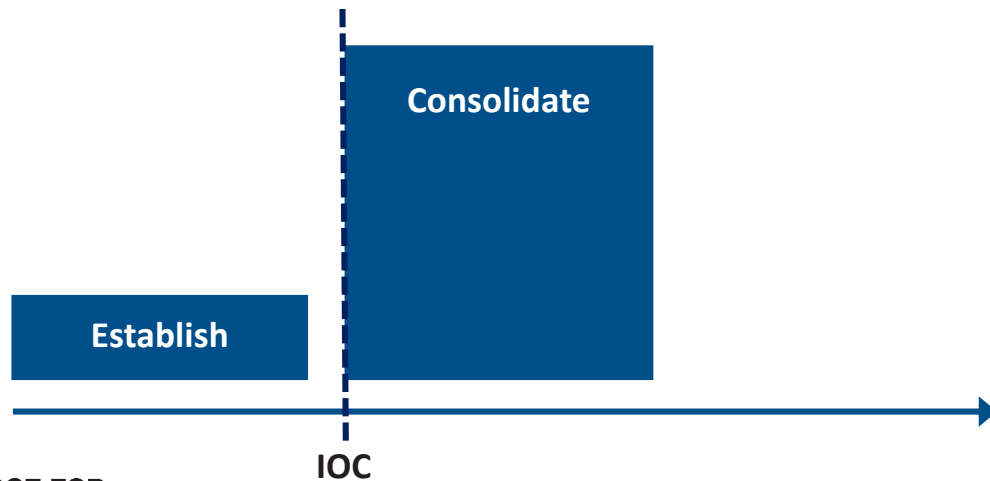
- Complete draft Expositions
- Develop transition plans
- Working towards organisation approvals.

Trades/Licencing

- Trades restructured to fit licensing model
- Commence CAT A training 8 Jul 19
- Commence CAT B training Jan 2020
- Commence crossover training July 2020.



Phase 2: CONSOLIDATE



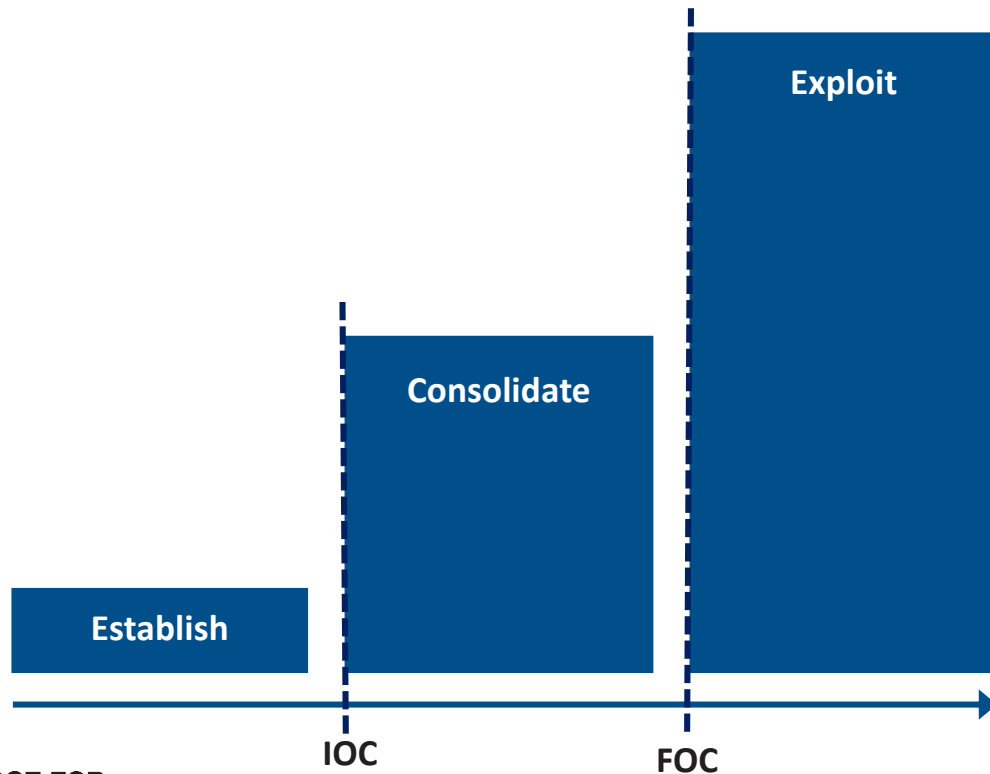
NZDF organisations

- Award of organisation Interim Operating Capability (IOC)
- Stand-up of DAA when directed by NZDF AA
- Establish the Military Air Operator organisation
- Functioning QMS
- Working toward organisation approval.

Policy/Regulations

- Operating under DARs and OIPs
- Drawdown of Delegated Engineering Authority (DEA) and issue of privileges where required
- Incremental changes communicated via Advisory Circulars and focussed working groups.

Phase 3: EXPLOIT

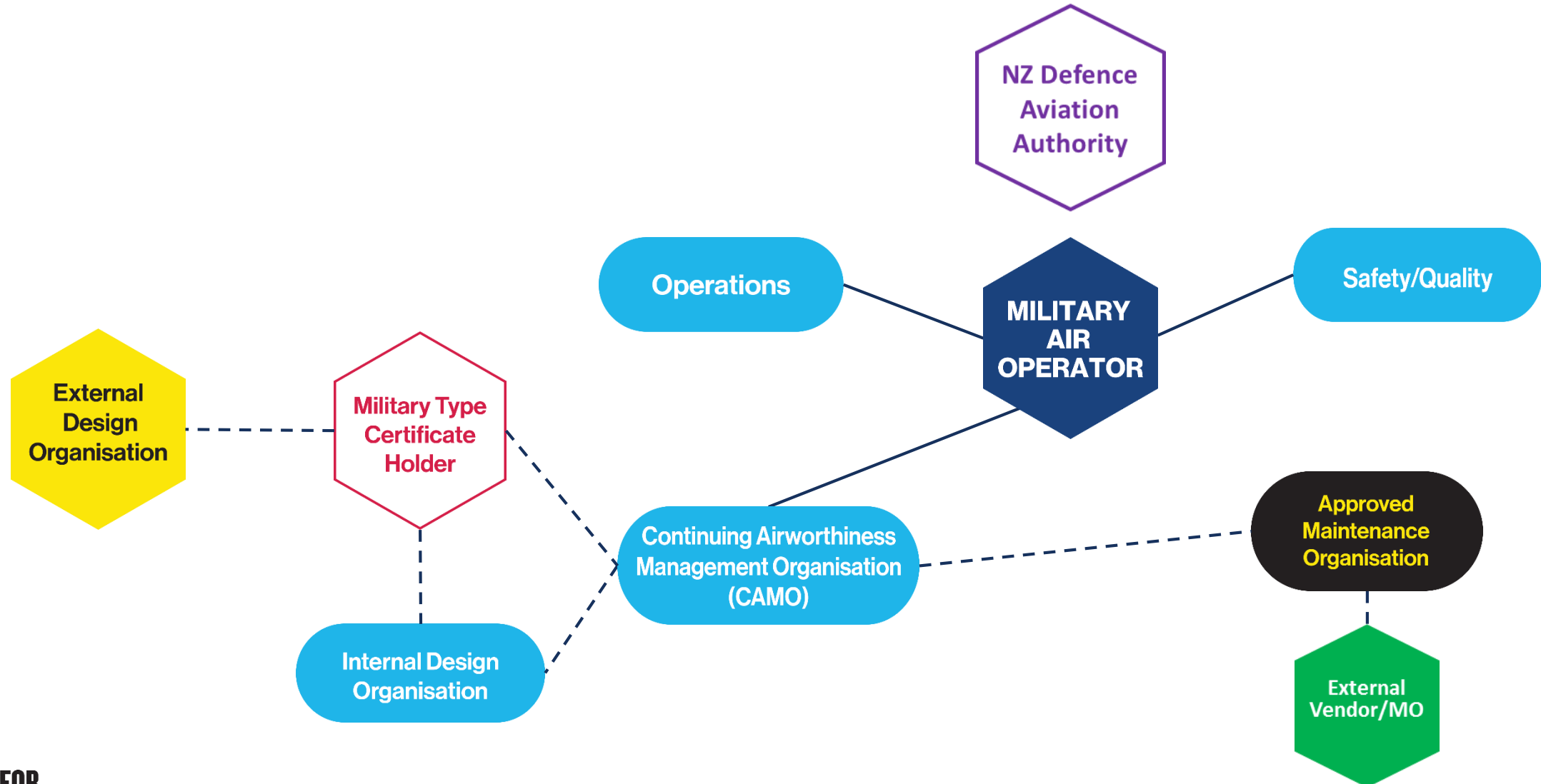


Benefits realisation

- QMS and continuous improvement
- Interoperability
- Authority to Authority Recognition
- Alignment with international airworthiness framework
- Operational efficiencies and effectiveness – QMS
- Easier to do business with – language and rule set
- More attractive employer.

NZDF organisations

- Reshape the workforce.





Generating depth in capability

- Grow into the framework
- Restructure based on experience
- Generate SQEP.

Sustaining momentum

- Implementing change
- Transition plans
- Develop relationships
- Business as usual.

Quality Management System

- Culture change.



Leverage off like minded partner military

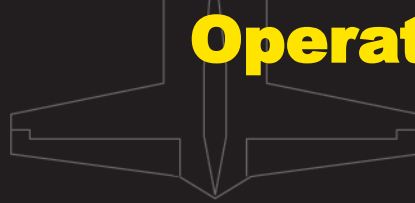
- Strong relationship
- Deep thinking already done
- Mutual benefit
- Partnership.

Single organisations – one each in the NZDF

- CAMO, MDO, AMO, MTCHO
- Reduced complexity – fewer boundaries
- DAA oversight reduced.

Agile thinking

- Shape internal organisations
- Stakeholder engagement
- Communication strategies.



What does it mean to our aircrew?



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The narrative

- DARs do not change the way our operators fly
- The establishment of the DAA and MAO require amendments to our Operating AW Policy Manual and Aviation Orders to reflect the new organisational structure
- This provides an opportunity to restructure them into something that is internationally aligned.



Questions