

Roles and Responsibilities

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Regulatory Framework

- **Need for better understanding**
- **Incentives to get it right first time**
- **Perception of poor performance**
- **Education not more regulation**

National Policy

- **All policy decisions made at national level**
- **Policy informs legislation, regulation, Codes, Standards etc**
- **Comprehensive policy so compliance documents do not have to fill gaps**
- **Separation of policy from means to give effect**

Roles After An Event

- **Common framework and seamless transition from response to recovery**
- **Clear accountabilities and responsibilities**
- **Education and communication**

Building Act

- **Separate design / building work / construction monitoring**
- **Risk-based consenting: quality or savings?**
- **Robust design review and construction monitoring**
- **Random auditing**

BCAs

- **Scepticism of value added**
- **Need careful consideration of model**
- **BCAs potentially vital role in identification of non-compliance – ‘checks and balances are the essence of an effective regulatory system’**

Earthquake Prone Buildings

- **Need:**
 - better management
 - more stringent approach
 - consistency
- **Tiered approach to building management**
- **Societal tolerance of risk**
- **Public right to know**

Building Warrant of Fitness

- **Durability of structural performance**
 - Gradual deterioration
 - Damage event
- **Advancements in analysis techniques**
- **Support investigation of benefits of extended building WOF**
- **Public has right to know**

Funding Model - Standards

- **Recognition of two types**
 - Regulatory
 - Business enabling
- **Clarity of funding – regulatory Standards need to be funded by regulator**
- **Align where possible with international standards**
- **Systematic review of existing portfolio**

Code of Ethics

- **Two Codes of Ethics: CPEng, IPENZ – but standard of behaviour identical**
- **Set out engineer's duty of care**
- **Codes supported by:**
 - Guidelines
 - Minimum standards of behaviour against which an engineer will be judged
 - Training / CPD
- **No hierarchy – apply simultaneously**

Code of Ethics

- **Robust complaint and disciplinary process using experts and lay-people**
- **Ethical obligations do not conflict but require judgement**

Code of Ethics

50 Not disclose confidential information

(1) A chartered professional engineer must not disclose confidential information of an employer or client without the agreement of the employer or client.

(2) Subclause (1) does not apply if—

- (a) the failure to disclose information would place the health or safety of people at significant and immediate risk; or**
- (b) the engineer is required by law to disclose that information.**

Code of Ethics

46 Not misrepresent competence

A chartered professional engineer must—

- (a) not misrepresent his or her competence; and**
- (b) undertake engineering activities only within his or her competence; and**
- (c) not knowingly permit engineers whose work he or she is responsible for to breach paragraph (a) or paragraph (b).**