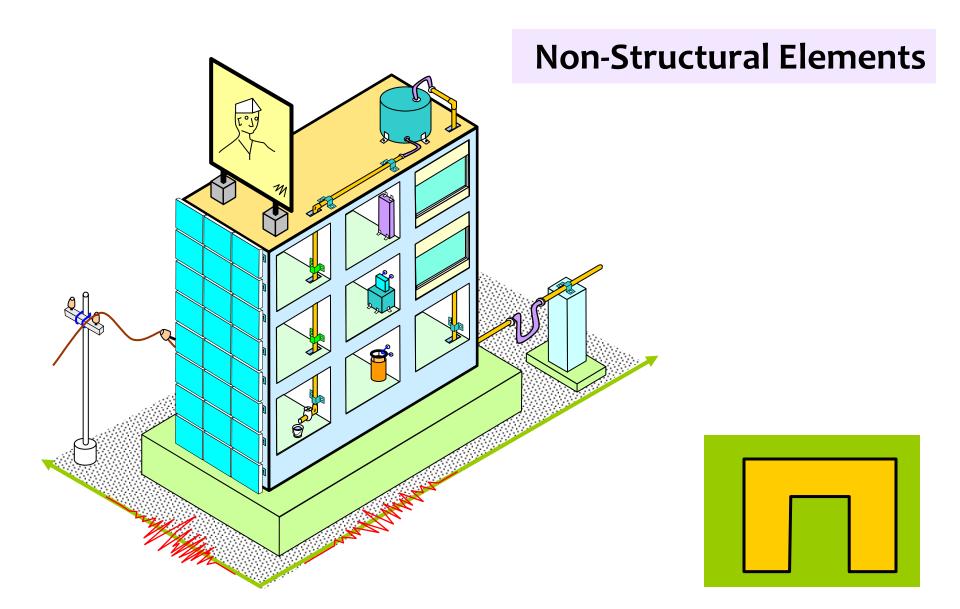
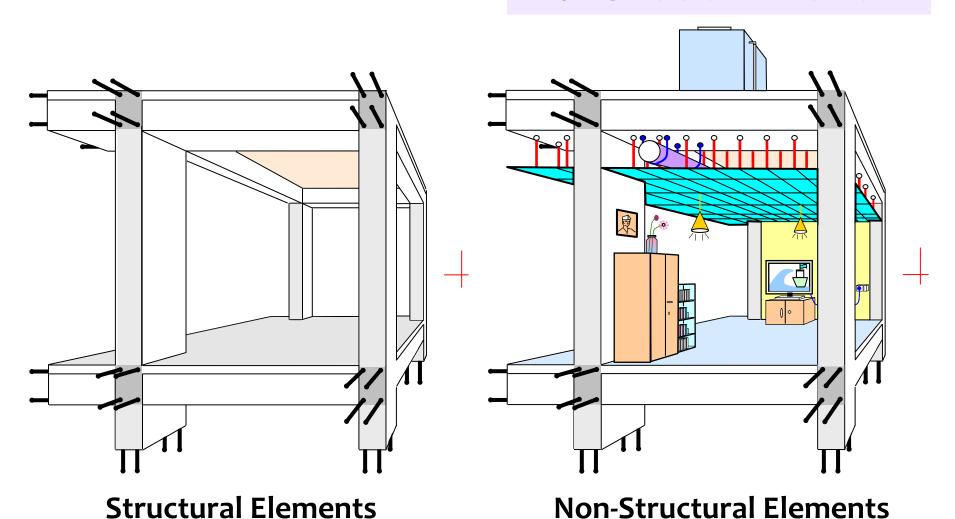


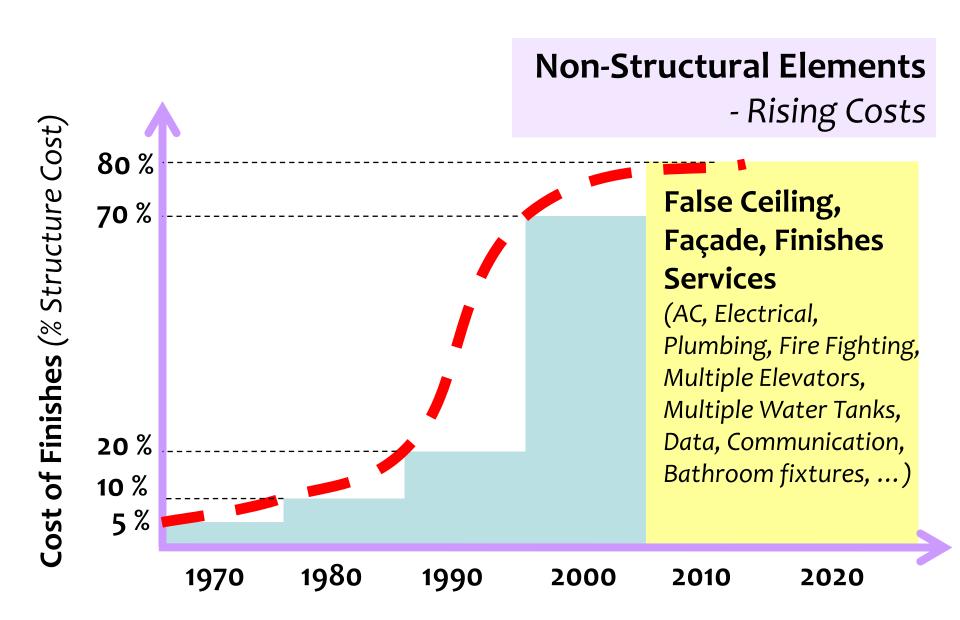
Regulating the Built Environment

The 5 Actions...

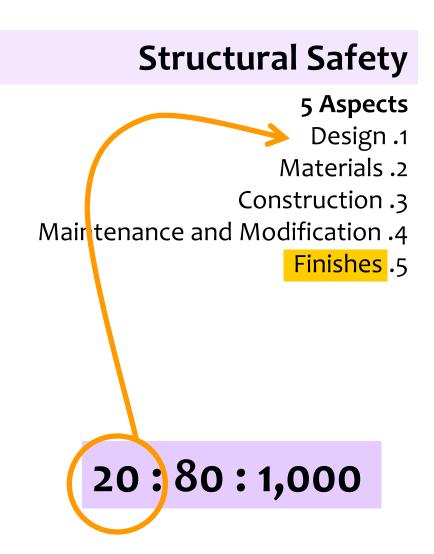


Non-Structural Elements

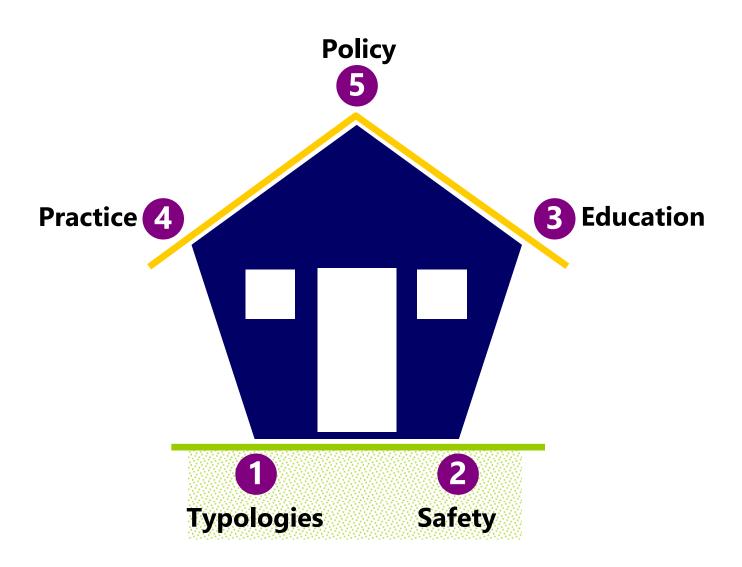




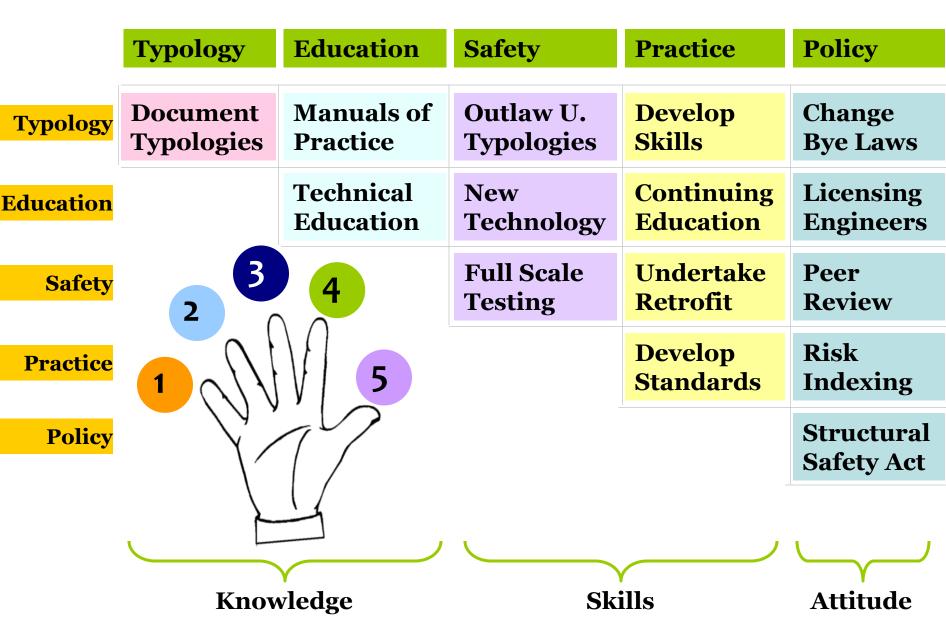
No Safety 20 TLR +4 Safety 24



5 Actions



5 Actions



The Critical Equation...

Competence

- = Knowledge
 - + Skills
 - + Attitude



The Truth...

• Earthquake safety

- Not taught in Colleges
- Not practiced in Projects
- Not mandated by Law



- Constitution of India
 - Article 21. Protection of Life and Personal Liberty
 - No person shall be deprived of his life or personal liberty except according to procedure established by law.
 - ... this fundamental right has been provided against **State** only. ... But, where an act of private individual supported by the State infringes the personal liberty or life of another person, the act will certainly come under the ambit of Article 21.

Constitution of India

- Article 21. Protection of Life and Personal Liberty
- The State, includes Government Departments, Legislature, Administration, and Local Authorities exercising statutory powers, ... not non-statutory or private bodies having no statutory powers, (e.g., company and autonomous body). The fundamental right guaranteed under Article 21 relates only to the acts of State or acts under the authority of the State, which are not according to procedure established by law.

Constitution of India

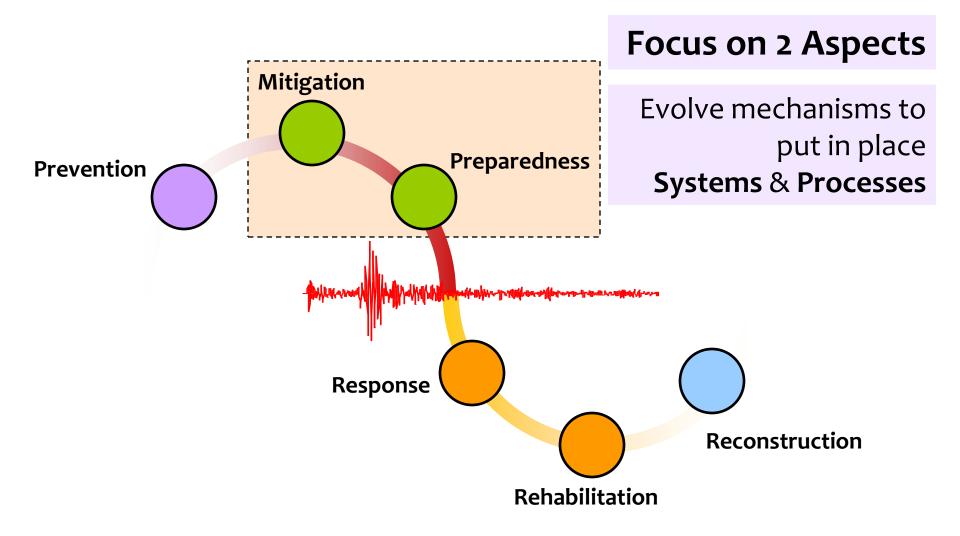
- Article 21. Protection of Life and Personal Liberty
- The procedure cannot be arbitrary, unfair or unreasonable one.
 - No one shall be deprived of his life, except by procedure established by law.
 - This procedure must be just, fair and reasonable, and not arbitrary, whimsical or fanciful.
- Article 21 imposes a restriction upon the State, where it prescribed a procedure, for depriving a person of his life.

Constitution of India

- Article 21. Protection of Life and Personal Liberty
- Just as a malafide act has no existence in the eye of law, even lack of procedure is unreasonable & vitiates law alike. A procedure, which is unjust or unfair, attracts the vice of unreasonableness.



The Mission



The Mission

Structural Safety Program

Governments + Stakeholders 2016 onwards



2005

DM Act NDMG - EM 2007

2016

People and Communities Central and State Governments **Technical and Voluntary Organizations**



Grateful

Sri Kamal Kishore

Member, NDMA New Delhi

Professor Ila Patnaik

NIPFP, New Delhi





Jai Hind!!