California's Enhancement of Public and Firefighter Safety Through Codes and Standards…The New Fire Triangle

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State-wide fire safety depends on the interactions with many stakeholders

State-wide Residential Fire Sprinkler Adoption

The “process” started 4 years before the code adoption proposal

The Task Group…

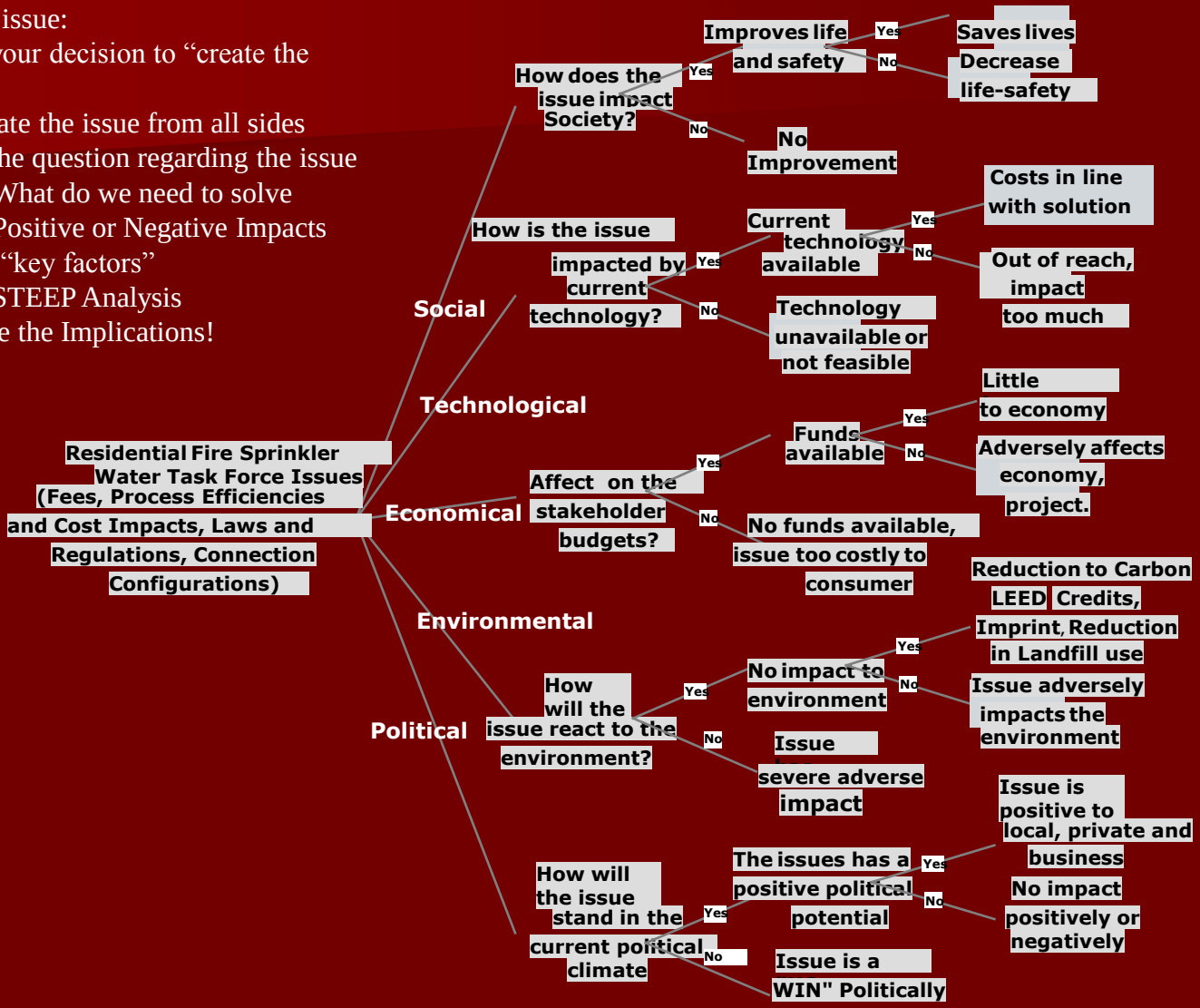
- Fire Service that included training, prevention, operations
- Multiple industry representatives
- Other interested partners (Building Officials, building industry)

The Pieces – Using STEEP

- S - Social
- T – Technology
- E – Economical
- E – Environmental
- P - Political

STEEP Decision Model

For each issue:
- Isolate your decision to "create the issue"
- Investigate the issue from all sides
- Refine the question regarding the issue
  - What do we need to solve
  - Positive or Negative Impacts
- Look at "key factors"
  - STEEP Analysis
- Rehearse the Implications!



Process

- Open discussions with effected groups
- Identify challenges of a state-wide residential fire sprinkler adoption.
- Developing Task Force Groups to focus on challenges
- Provide final reports to be used as bases for adoption process
- Working through code modifications for a successful adoption
- Continued sharing of information.
- Education, Education, Education

Residential Fire Sprinkler Task Force

- Posted minutes and website information
- Final reports for each phase
  - Phase I – Water purveyor
  - Phase II – Design/Installation
  - Phase III – Education and Outreach

The RED and GREEN Initiative - PV and the CA Fire Service (History)

- The development of the training DVD through a grant and the partnering with industry.
- Concerns surrounding approval of PV systems and emergency response
- A request from the Governor's Office to the State Fire Marshal
- August 2007 – The first meeting

About the Guideline

- Developed to increase public safety for ALL structures.
- Developed with emergency operations safety as the principle objective
- Developed to assist in meeting the "objectives" of both the industry and fire service

Over seven months a guideline for installation was developed.

The OSFM used the Task Force Group concept bring together industry, fire service (prevention, training, operations), building officials, and the building industry.

In April, 2008 the final draft is posted for viewing.

CALIFORNIA DEPARTMENT OF FORESTRY
AND FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL

SOLAR PHOTOVOLTAIC INSTALLATION GUIDELINE

(In partnership with interested local fire officials, building officials ,and industry representatives)

April 22, 2008

FINAL DRAFT

The Outcome for both…

- California Codes Adopted – January 2010
- No objections
- No legislative proposals during current cycle
- Continued communications and education
- Guidelines being used by local government
- Involvement from industry
- Guidelines picked up at the national level in the ICC and NFPA
- Operations training curriculum completed

Conclusion….NOT

- Process used throughout the OSFM.
- Education and information sharing continues and expands.
- Task force groups can be brought back together to address specific challenges.

Firefighter Safety
Public Safety