



The Challenge for the Foundation: *renewing our strategic research agenda*

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The Foundation's Mission

Plan, manage, and communicate
research in support of the NFPA
mission



2008 Strategic Research Agenda

- Hazards of contents and configurations
- Advanced fire detection and suppression systems
- Advanced firefighting equipment and tactics
- Aging fire and electrical safety systems
- Hazards of alternative fuels and energy sources
- Fire safety and the aging population
- Fire protection and environmental sustainability



Benchmarking Progress

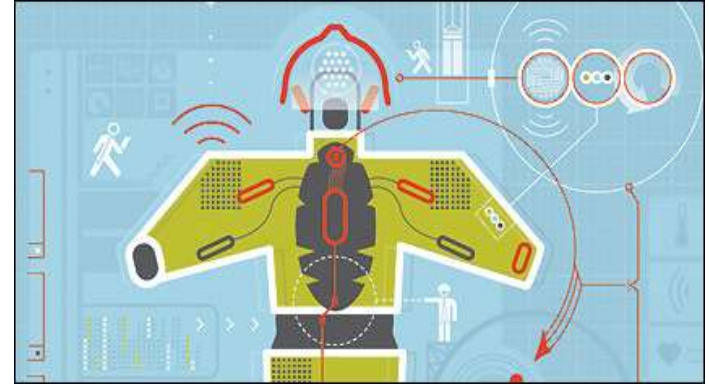
– 5 years later

- 70 projects
- 30 code changes
- 40 strategic impacts



Our Successes

- Research for emergency responders
- Hazards of alternative energy technologies
- New technologies and hazards



Pyramidenkogel, Carinthia, Austria
(Pyramidenkogel, 2013)





Five Years Later

- Focus on 5 rather than 25 year horizon
- Deep dive surveys of stakeholder in the NFPA system
- This meeting



Challenge for the Fire Safety Community

How do we remain relevant and maintain and increase the current level of fire safety in a world where other factors and forces increasingly drive risk perceptions and decision making?



The Next Five Years in Fire and Electrical Safety Research at the Foundation

- **Identify** emerging context(s) for fire safety
- **Work** with non fire stakeholders
- **Inform** NFPA codes and standards and advocacy initiatives to ensure fire safety is not compromised



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Five Years Later – Key Themes

- Human Behavior
- Reliability
- Health
- Design constraint/regulation
- Proactive interdisciplinary approach

- Dialogue