

Strategic Foresight Initiative 2011 Summary Briefing

December 2011

Today's Session

- Overview of the Strategic Foresight Initiative (SFI)
- Research and Stakeholder Engagements
- Findings and Insights
- Q&A

SFI Overview

- Understand the factors driving change that will impact emergency and disaster management over a 10-20-30 year horizon
- Develop a shared sense of direction and urgency in the emergency management community that enables us to drive to action
- Collectively prepare for the future across multi-sectors
- Plan for and take action to meet the evolving needs

Community Involvement

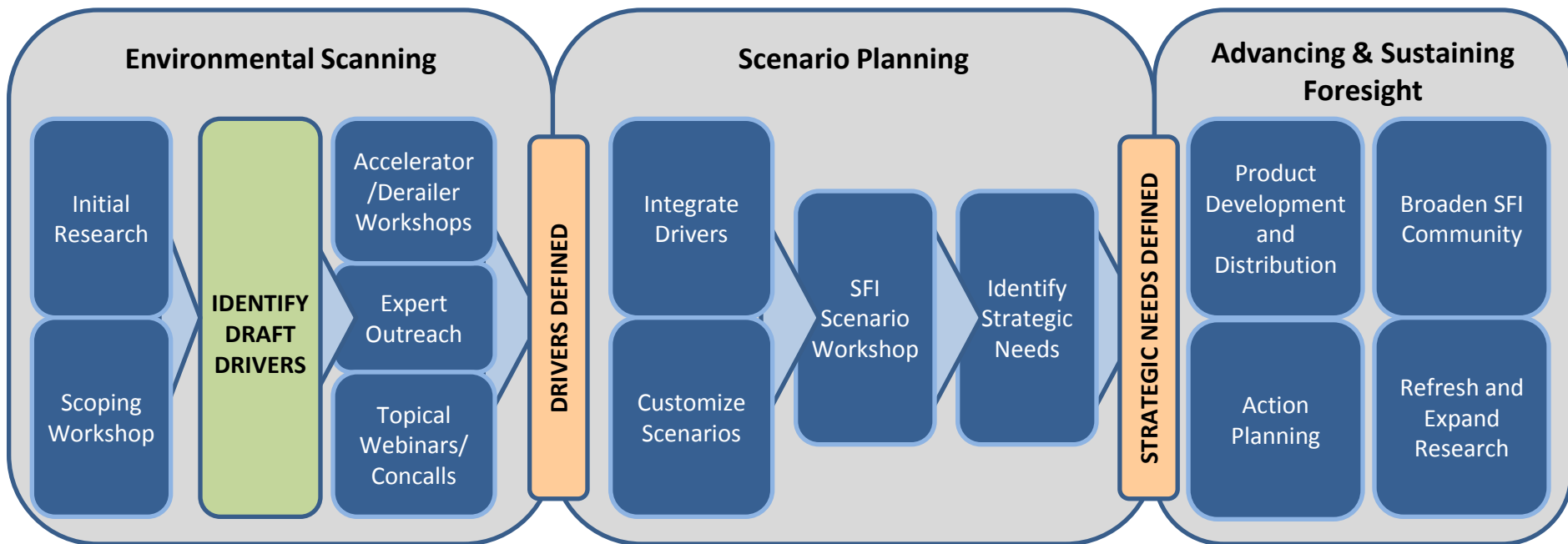
Emergency Management Community

- Federal, state, local, tribal emergency managers
- First responders
- Business partners
- NGOs
- Other federal agencies
- Academia

Engaged in:

- Research
- Conference calls and Webinars
- Workshops and conferences
- Online engagement

SFI Approach



SFI Drivers

Changing Role of the Individual

Climate Change

Critical Infrastructure

Evolving Terrorist Threat

Global Interdependencies

Government Budgets

Technological Innovation and Dependency

Universal Access to and Use of Information

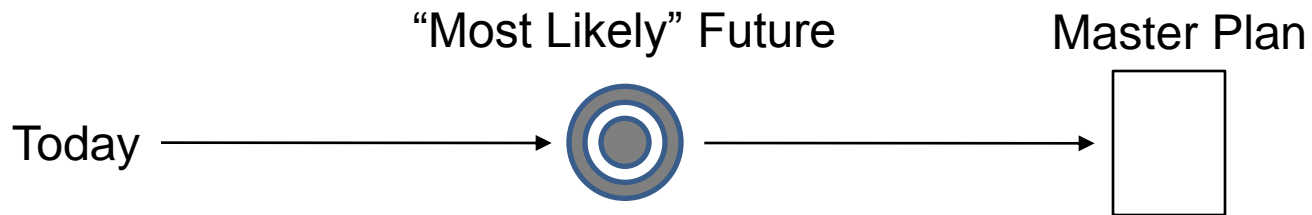
US Demographic Shifts

Select Driver Implications

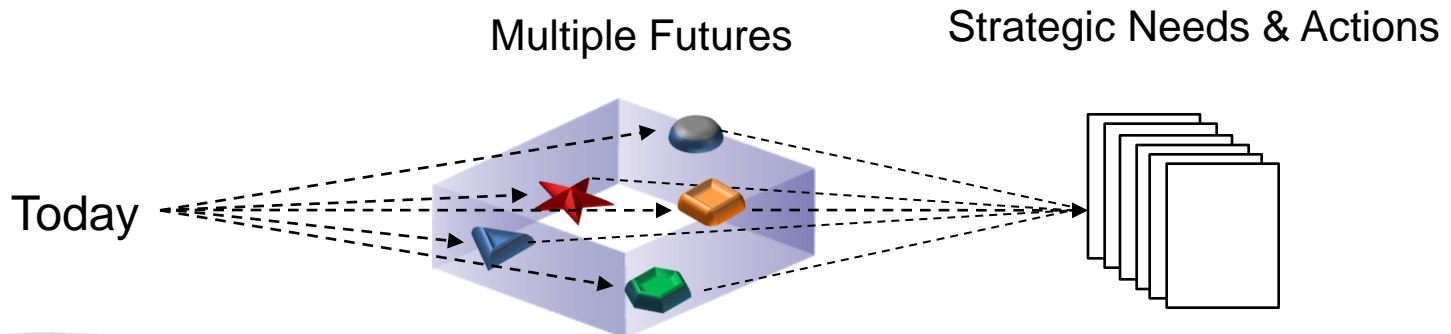
- Aging infrastructure will challenge response and recovery
- Global interdependencies raise questions about the emergency management community's role in international events
- Advances in technology (e.g. smartphones, tablets) empower individuals by broadening access to information and promoting a sharing rather than hierarchical information environment
- US demographic shifts – i.e. larger, older, more diverse, and more geographically concentrated – pose challenges to communication, response and recovery efforts, among others

Scenario Planning

Predictive Planning:



Scenario Planning:



Scenario Workshop Findings

Strategic Need Theme	Strategic Needs
Essential Capabilities	<ul style="list-style-type: none"> ▪ New response and recovery approaches ▪ Omni-directional communication ▪ Public training and education ▪ Leverage volunteer capabilities ▪ Futures thinking and planning
Innovative Models and Tools	<ul style="list-style-type: none"> ▪ Alternative surge models ▪ New risk management tools and processes ▪ Influence technology ▪ Flexible frameworks ▪ Collaborate around shared interests ▪ Supply and natural resource vulnerabilities
Dynamic Relationships and Partnerships	<ul style="list-style-type: none"> ▪ Empower individuals and communities ▪ Engage business community ▪ International collaboration ▪ Collaboration with military

Understanding Strategic Needs

- Omni-directional knowledge sharing
- Full public/private involvement in all phases of emergency and disaster management
- Alternative surge models
- Enabling frameworks for cross-sector activity

Select Broad Insights

- We will face extraordinary complexity
- Future resource constraints are seemingly unavoidable
- Individuals, families, neighborhoods, communities, and the private sector will likely play an increasingly active role in meeting emergency management needs
- The means and methods for delivering emergency and disaster management services will shift
- Trust – between the public and government – must be strengthened
- To be effective in the future, our community will have to:
 - Form dynamic partnerships
 - Build and refine essential capabilities

Advancing and Sustaining Foresight



Discussion

- **What are your key takeaways?**
- **What resonates with you in the findings?
Why?**
- **What questions does this raise?**
- **What products would be helpful for you
moving forward?**

Questions?

Get Involved in SFI

- Email FEMA-OPPA-SFI@fema.gov to get involved in SFI and to receive regular updates and information on engagement opportunities
- Contact Adolfo “Sonny” Trevino, SFI project lead, at adolfo.trevino@fema.dhs.gov
- Visit our Web site:
http://www.fema.gov/about/programs/oppa/strategic_foresight_initiative.shtm

Thank You!