

Reducing Flood Risk: Interagency Projects

Jennifer Dunn

Silver Jackets Program Manager

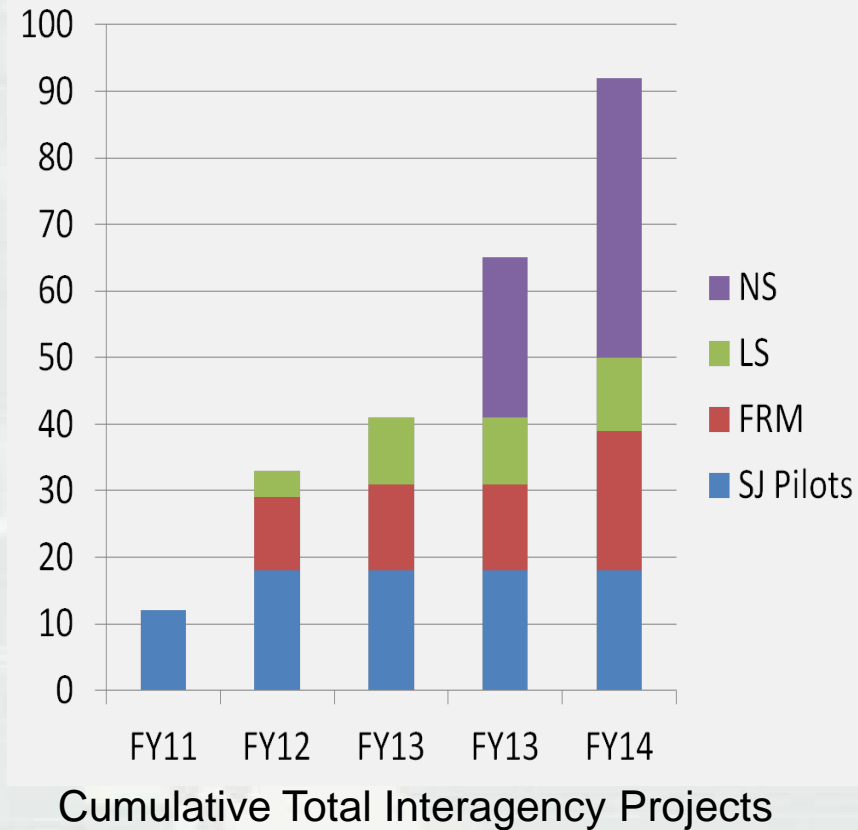
USACE Institute for Water Resources

19 August 2014



Overview of Interagency Projects

- 91 projects initiated in 40 states:
 - 18 SJ Pilots (FY11 and early FY12)
 - 20 SJ FRM Projects (FY12-14)
 - 11 SJ LS Projects (FY 12-14)
 - 42 Interagency NS Projects (FY13-14)
- USACE funded projects that:
 - Support state priority in FRM
 - Leverage partner resources, and
 - Will demonstrate tangible benefits
- Selections based on
 - above criteria and
 - available funds (varies each year)



FY15: coming soon

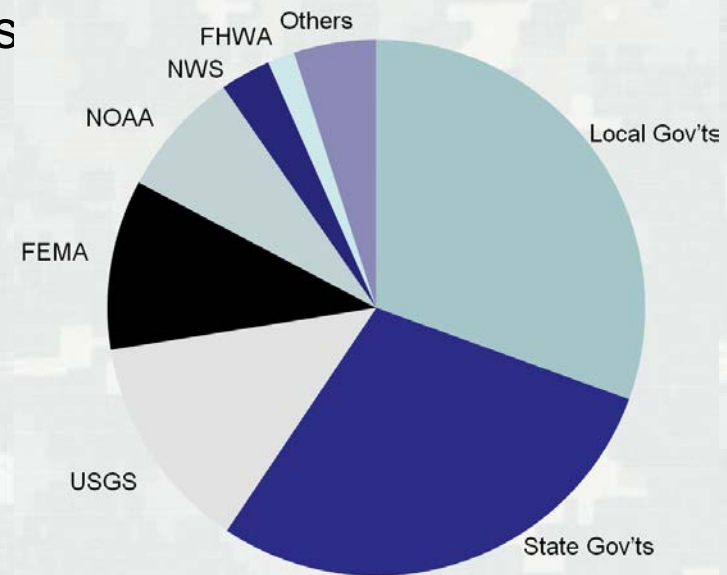


BUILDING STRONG®

Importance of Leveraging

Leveraging resources allows more comprehensive solutions in FRM:

- Projects must leverage partner resources; no single agency has sufficient funds or authority to manage flood risk
- Resources: funds or in-kind services
- Leveraging demonstrates commitment of all partners to collaboratively managing/reducing flood risk
- *Leveraging is a key criterion in evaluating project proposals*



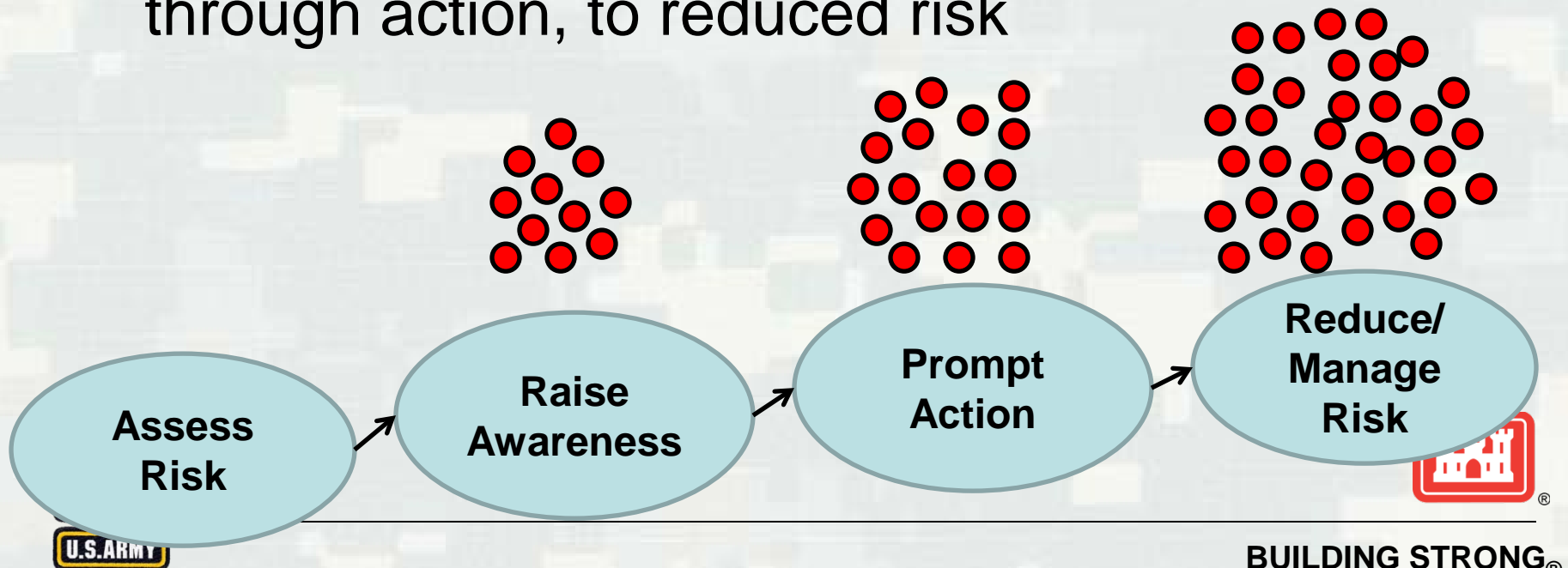
Projects leveraging 113% in partner resources against \$7.5M USACE



BUILDING STRONG®

Getting to Tangible Benefits (Outcomes)

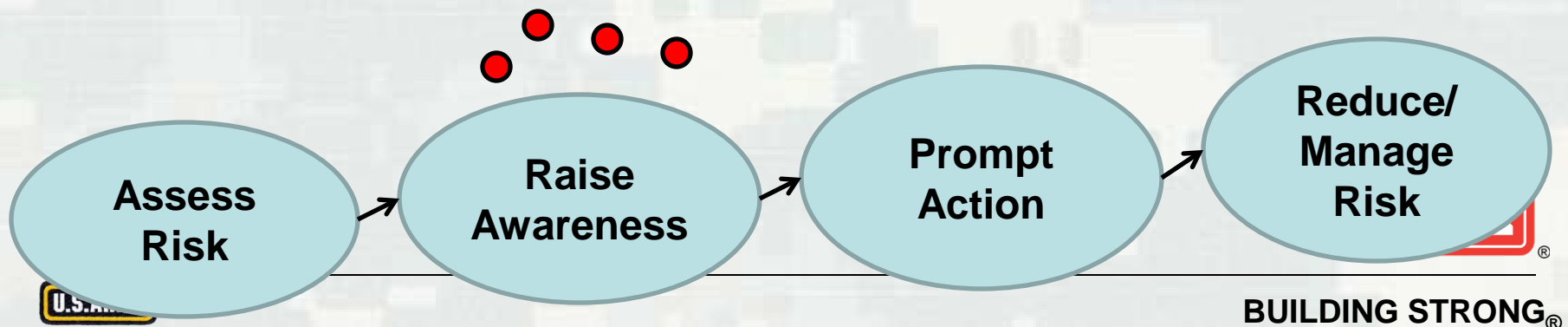
- Goal of projects = Shared Resources = Shared Responsibility = Reduced flood risk
 - Support action by those who have the authority to reduce flood risk
 - Upfront engagement during project scoping helps ensure action
- Progression from assessment and awareness, through action, to reduced risk



Each dot reflects judgment regarding maximum impact of a project (those initiated in FY11 -13.)

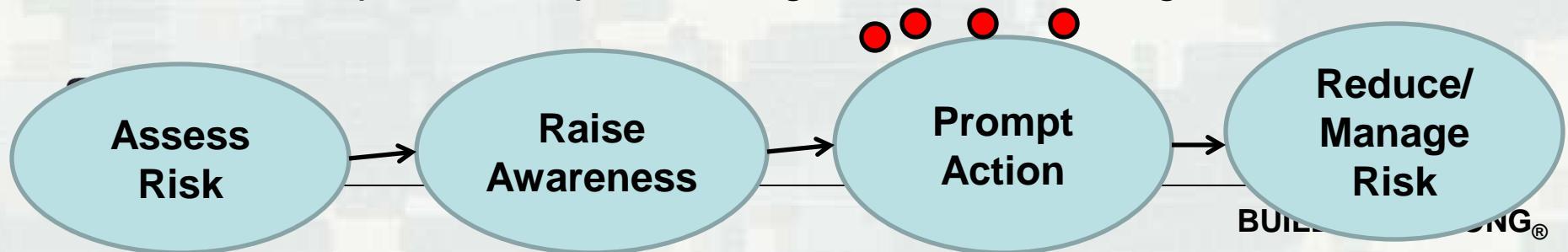
Outcomes: Raise Awareness

- MD Outreach Brochure
 - Informs public citizens of risk
 - Presents risk reduction actions, including insurance and preparedness tips
- AK Data Gathering and Dissemination
 - Gather HWM in 10 Northwest Arctic Borough communities
 - Outreach using English/Inupiaq posters with flood risk information and individual risk reduction measures.
- GA, KS AHPS



Outcomes: Prompt Action

- **FL HWM Strike Team**
 - State-wide database, local input throughout FL
- **GA Macon LS**
 - County and City officials pursuing nonstructural options to reduce risk and reduce insurance rates even if levee system is not accredited.
- **GA Augusta NS**
 - City/County pursuing buy-outs
- **NV Flood Chronology**
 - Watershed tour facilitated community application for assistance with sedimentation to reduce flood risk and benefit fish.
 - Tribe requested help in starting tribal Hazard Mitigation Plan.



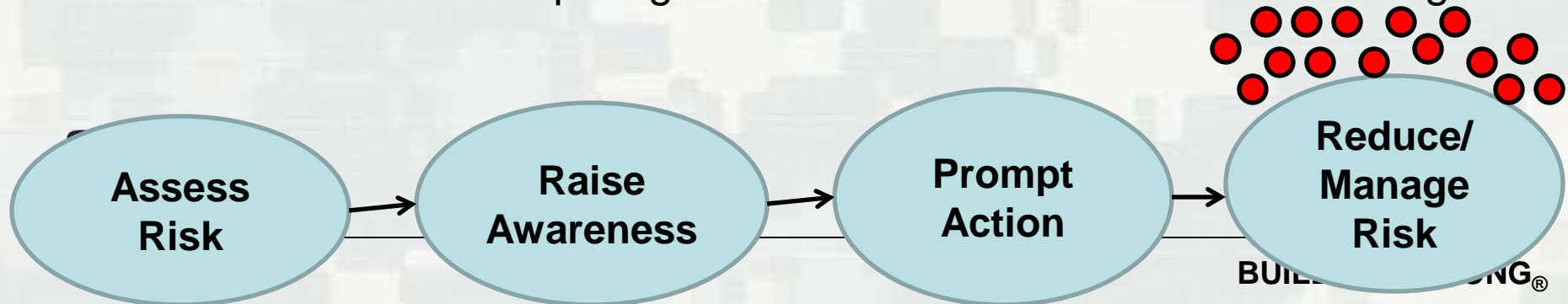
Outcomes: Reduce/Manage Risk

- Improved Response:

- NJ, MO, KS, KY, PA, MI, MN, GA Inundation Mapping
 - Improved Response: EM use updates to coordinate evacuation, road closures, infrastructure and critical facilities decisions
 - Falmouth, KY: Local officials estimate that if they had had the kind of warning the FIM project will give, they could have saved 5 lives and thousands of \$ in damage
- MS Hazard Communication Plan and Tabletop : ID gaps pre-disaster
- MO, KY, MN Emergency Action Plans (and template)
- OR Rapid Assessment of Flooding Tool
 - RAFT identifies levees close to overtopping, prioritize most effective flood fighting.

- KS Wildcat Floodplain Mgmt Plan

- New ordinance requiring additional 2 ft in elevation for new bldgs

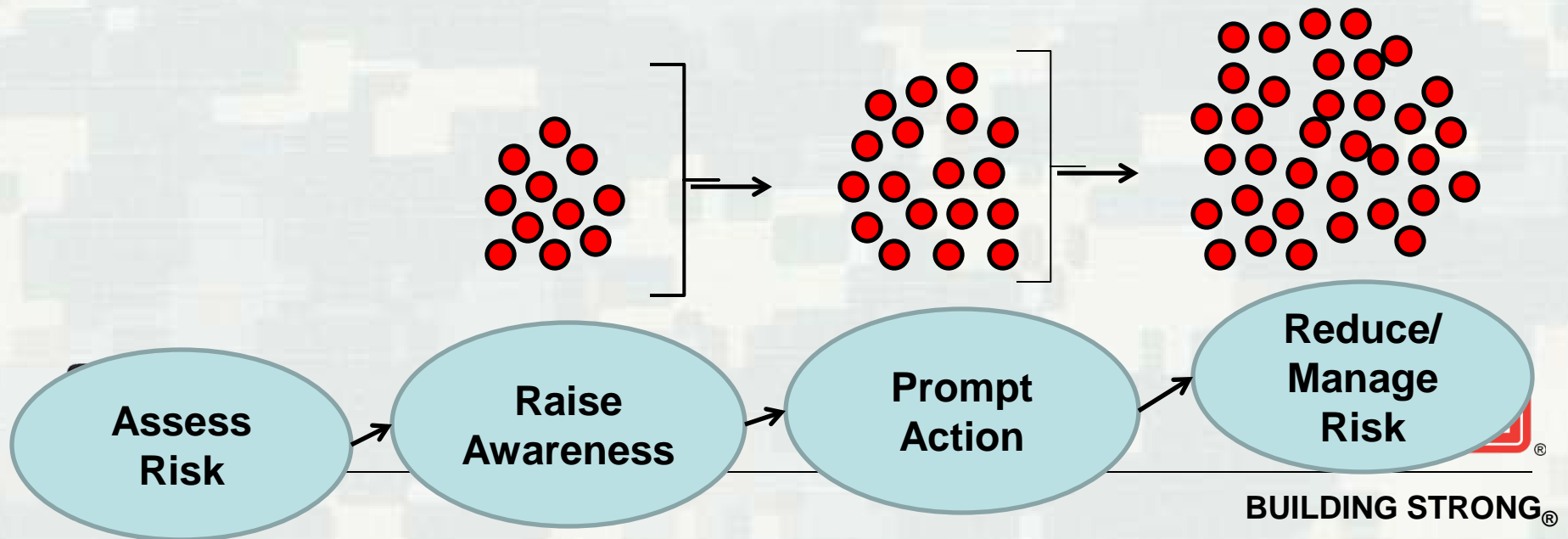


Tracking Tangible Outcomes

At project conclusion, projects often result in an assessment or awareness product that informs or enables action.

We look forward to working with our partners to

- maximize the impact of these products and
- documenting how, in time, these projects lead to reduced risk.



Project Examples

- Tony Krause (NW0)
- Travis Ball (NWS)
- Terry Zien (MVP)

Please note questions for discussion following all speakers



BUILDING STRONG®