

CAPITAL REGION BUSINESS RESILIENCY INITIATIVE

Update for CRC Quarterly Meeting, Oct 9, 2014

Risk profile



Sacramento is the most flood prone city in the nation

At risk: \$1.7B ag economy | \$70B physical structures

California suffers third year of severe drought

Losses: \$214M in crop revenue | \$35M additional costs of ground water pumping

2014 is California's worst fire season on record

Impact: >4,500 fires and counting | ~\$600M JUST to battle blazes | eminent threat to power line infrastructure

Scenario of a massive flood event



U.S. Geological Survey predicts the chance of a megaflood inundating Sacramento not only plausible, but **“perhaps inevitable.”**

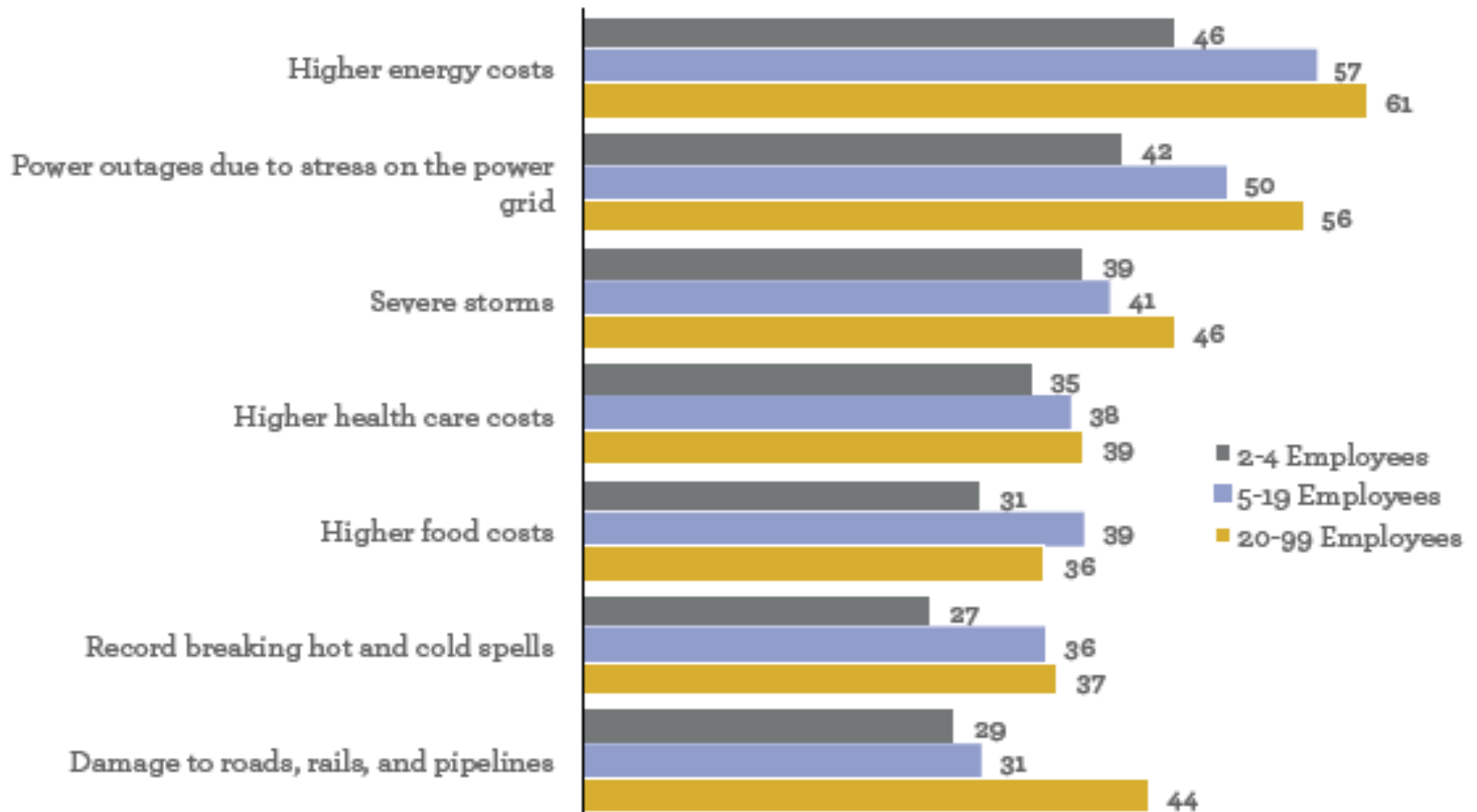
Small business owners are **concerned**

VALLEY VISION



Connect. Partner. Impact.

Expected Impacts of Climate Change



Source: American Sustainable Business Council, 2014. *Small Business Owner's Views on Climate and Energy Policy Reform*

Small business, much at stake

VALLEY VISION



Connect. Partner. Impact.

Wildfire, flood, drought, severe storms or heat are threats to the region's economy and our small business sector.

- ✓ Establishments with >20 employees account for **90%** of the region's 60,000 businesses in 2012
- ✓ Small business provides **50%** of region's private sector jobs
- ✓ They are more vulnerable to impacts of climate change
- ✓ They are less prepared to rebound after a disruption
- ✓ **~57%** do not have a disaster recovery plan
- ✓ **~25%** don't reopen after a major disaster

Downstream effects

VALLEY VISION



Connect. Partner. Impact.

- Loss of power and communications, loss of sales & customers, lengthy recovery time
- Uninsured loss for continuing operations and destruction of physical property

Resiliency Measures

- Energy and water efficiency, onsite electric generation & storage
- Business continuity planning

HOW CAN WE PREPARE SMALL BUSINESS TO BE RESILIENT IN TIMES OF DISASTER?

Problem Statement

Devise a regional solution



BEFORE a time of crisis:

- ✓ Engage regional leadership
- ✓ Prepare/plan for economic resiliency
- ✓ Support business preparedness
- ✓ Enhance recovery after a disruption

Method / Approach

VALLEY VISION



Connect. Partner. Impact.

REGIONAL LEADERSHIP AND COLLABORATION. Cross sector and jurisdiction.

RESEARCH: Economic impact and vulnerability assessments. Gap analysis. Best practice identification.

ENGAGEMENT: Communications, outreach, and knowledge building. Leadership development.

Timeline



Phase	2014				2015						2016
	Sept	Oct	Nov	Dec	Jan	Feb	March	Q2	Q3	Q4	Q1
Project Design and scope	█										
Stakeholder collaboration & engagement	█		█								
Economic analysis and best practice identification			█								
Define action plan, strategies and steps for economic resiliency						█		█			
Strategic outreach and communications		█									
Project transition & plan implementation										█	
General Project Management	█										

A VIBRANT AND RESILIENT
SMALL BUSINESS SECTOR
THAT'S PREPARED TO
WEATHER ANY STORM.

The Outcome

Our Team



Staff

Bill Mueller | Meg Arnold | Christine Ault | Tammy Cronin

Board Champion | Scott Syphax

Partners | SMAQMD and CRC (and many more!)