Resilient Counties Advisory Board

Saturday, July 23
8:00 – 9:15 a.m.
Agenda

Call to Order and Welcome
Hon. Kitty Barnes, Commissioner, Catawba County, N.C., and Chair, RCAB

Adapting to a Changing World: Innovative Financing Tools to Plan for Future Risks
Elle Beard Hempen, Director of Strategy and Partnerships
Re:Focus Partners, San Diego, Calif.

Refreshing the Solar Onboarding Experience
Tim Woodbury, Director of Government Relations
Accela, Inc. San Ramon, Calif.

Dialogue: Strategic Priorities for 2016-2017
Please be prepared to participate in a priority-setting session for the 2016-2017 year.
Elle Hempen
re:focus partners

July 23, 2016
Predevelopment

Project Finance

Procurement

investing in resilience, reinvesting in communities.
Traditional Infrastructure Predevelopment

—The resilience predevelopment gap—
Designing for systems not projects

Project Planning

Design & Engineering
- feasibility studies
- cost-benefit analyses
- public benefit studies
- value-for-money analyses

Financial planning
- (including identification of funding & financing options)

Impact assessment
- Effect on communities, the environment, the workforce, wages, and benefits
- Assessment of infrastructure vulnerability/

Public outreach and community engagement

Permitting, Environmental Review & Regulatory Processes
RESILIENCE BOND MODEL

Rebate
based on insurance savings

Resilient Infrastructure Project(s)

Reduced Premiums

Reduced Risk to Principal

SPONSOR

ISSUER

INVESTORS

Premium
Contingent Payment

Principal Coupon
Bond Proceeds

Investment Returns
Par Value

Risk Modeling of Change in Expected Loss

Collateral Account

Liquidation Value
NAVIGATE TO RESILIENCE
Find, compare, and procure infrastructure solutions from around the world
SIGN UP

Upgrade Your Infrastructure
Get Inspired
Compare real projects
Compare Cities
Connect with communities around the world
Find Vendors
Browse infrastructure innovators
Refreshing the Solar Onboarding Experience

TIM WOODBURY
Director of Government Relations
Soft Costs of Solar

Hardware Costs - down 50%

Regulatory Costs - Unchanged

Average Permit-to-Plugin Time = 30 Days

Permitting & Inspection Costs = $1,000 - $2,500 of each solar installation
Solar Permitting Priorities (LBNL)

1) Standardized State & Regional Permitting Procedures
2) Clear Guidelines & Checklists for Permit Applications
3) Online Permitting
4) Eliminate Redundant Inspections
5) Reduce Wait Times
6) Reduce Fees
Northern and Central California SunShot Alliance (NCCSA) Members
Remote Video Inspections

1. The Contractor uses their mobile device with the VuSpex app installed.

2. Inspections are archived in the cloud.

3. Inspector uses their desktop computer or tablet device to call the Contractor.
Accela Integration with Utility Software
Results!

National Average = 30 Days

Sunshot Initiative Goal = Under 7 Days

NCCSA Sunshot Alliance = 1 Day
## Strategic Priorities: Recent Topics

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Recent Types of Activities

- Conference sessions at NACo conferences
- Presentations at Resilient Counties Advisory Board meetings
- Special forums (Cedar Rapids, San Francisco, Colorado Springs/NACo Board meeting)
- Special reports
- Resilient Counties newsletter
- Webinars and google hangouts
- Podcasts
- County News articles and blog posts
Priorities Survey Results

**Top risks** facing RCAB members’ counties:

1. Flooding
2. Tornados
3. Wildfires
4. Lack of Economic Opportunity
Priorities Survey Results

**Top topics to address:**

- Emergency response management and training
- Financial resilience/insurance
- Resilient infrastructure
- Efficient building design
- Community engagement, and
- Workforce development.
Discussion of Strategic Priorities