

CULMINATING EXPERIENCE PRESENTATION

INTEGRATING AGRICULTURE INTO STATE CLIMATE EFFORTS



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URGENT PROBLEM

CLIMATE CHANGE

AGRICULTURE

CAUSE

9% GHGs
in US (EPA)

VICTIM

**Extreme heat
& weather, pests,
drought (USDA)**

PART OF SOLUTION

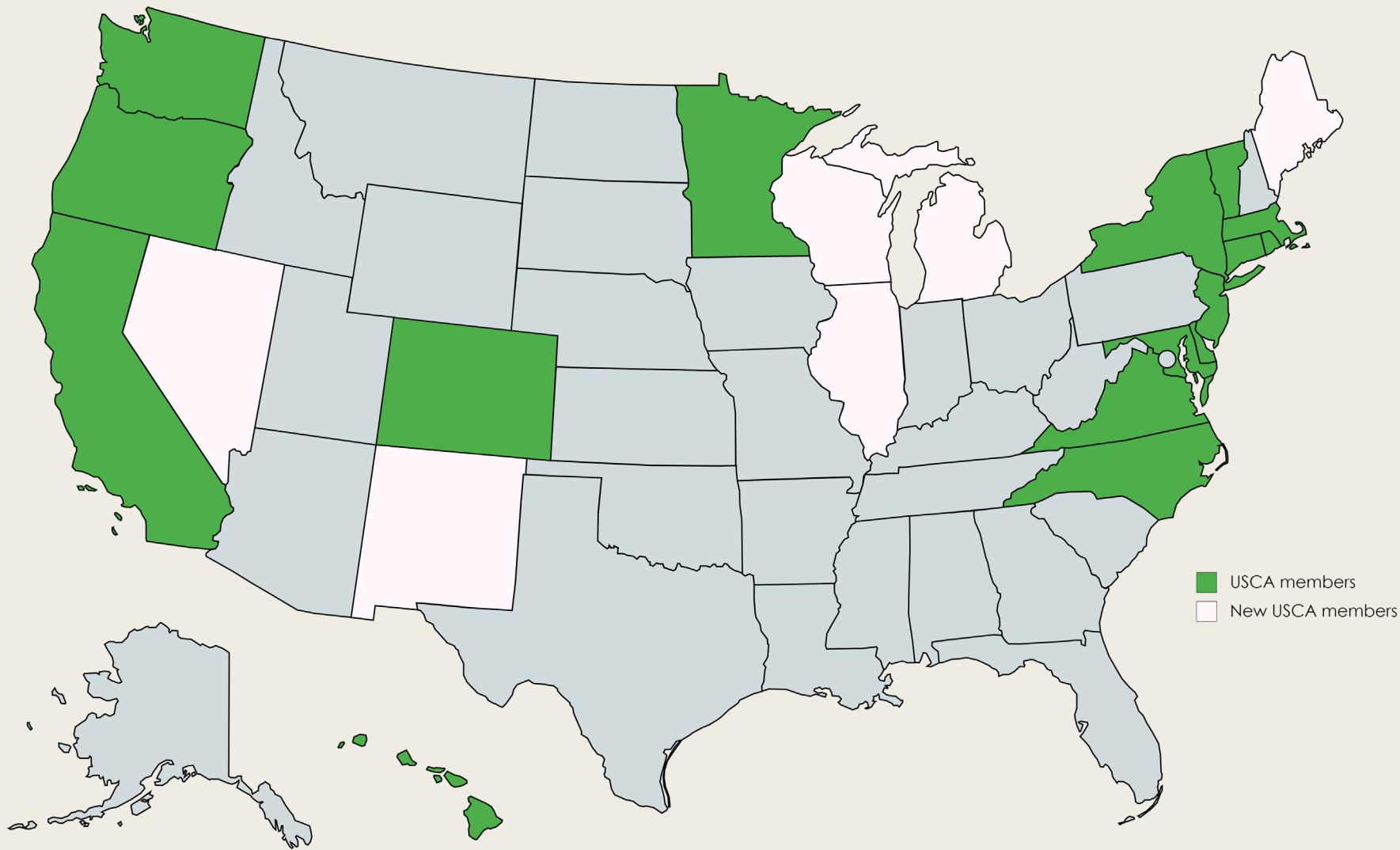
**250 million tons CO₂/year
sequestered in US (NAS)**
+reduced GHG emissions

PROJECT



- Phase 1 of an agricultural policy toolkit for U.S. states
- Targeting state climate efforts
- Partners:



US CLIMATE ALLIANCE



■ USCA members
□ New USCA members

Guam 	Northern Mariana Islands 	Puerto Rico 
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TOOLKIT OVERVIEW

**PROGRAM &
POLICY
OPPORTUNITIES**
state, regional, federal

PHASE 1

**FUNDING
OPPORTUNITIES**
federal, private sector

PHASE 2

**QUANTIFICATION
TOOLS
& METHODOLOGIES**
overview, assessment

ONGOING: WRI





DELIVERABLES

- Toolkit outline
- Toolkit protocol
- State profiles for 14 Alliance members
- Comparative assessment (15 members)

DELIVERABLES : State Profiles

Create baseline of what exists at each state

Example: Colorado

- 76 conservation districts, Colorado Carbon Fund, Colorado State University
- Agricultural Energy Efficiency Program, Water Plan Grant Fund Program
- State background: 31.8M acres, cattle & small grains, drought and other water impacts predicted

State Profiles

Refine and Update Profiles

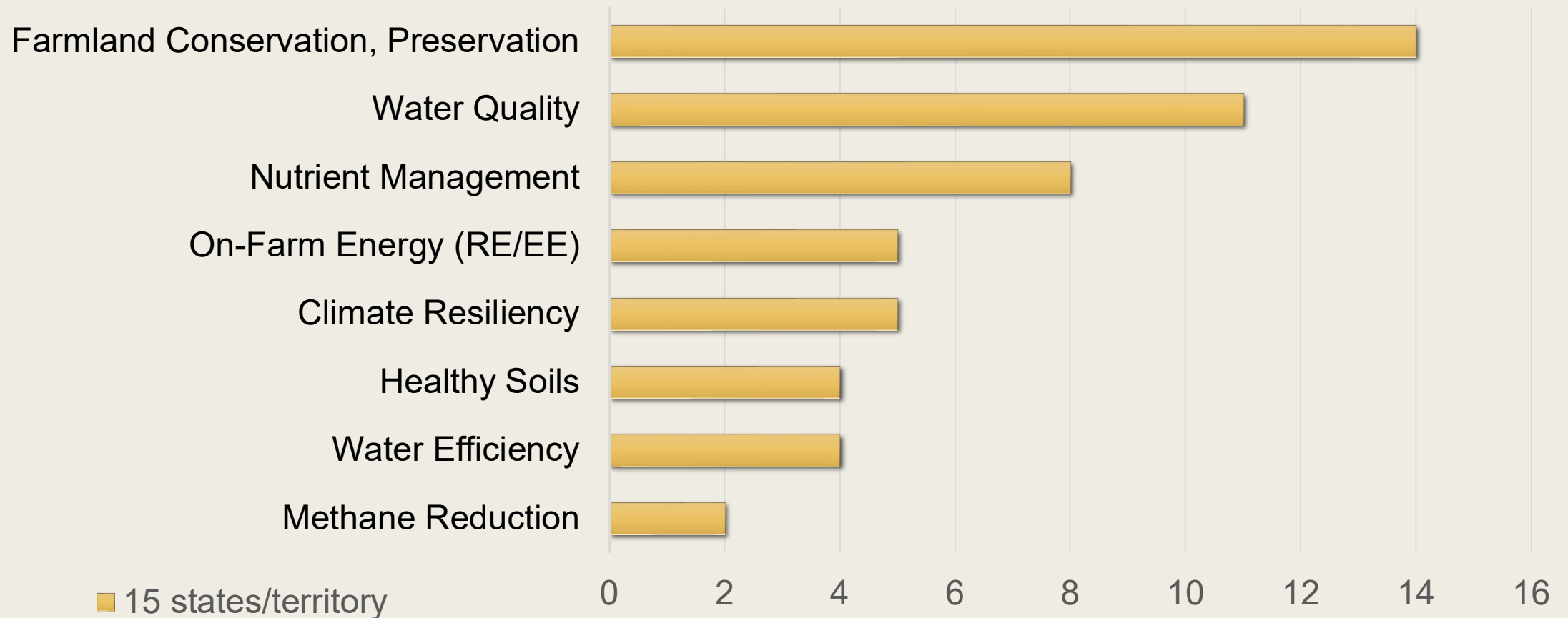
Interviews with State Teams

Data Analysis

Draft Toolkit 1.0

DELIVERABLES : Initial Results of Comparison

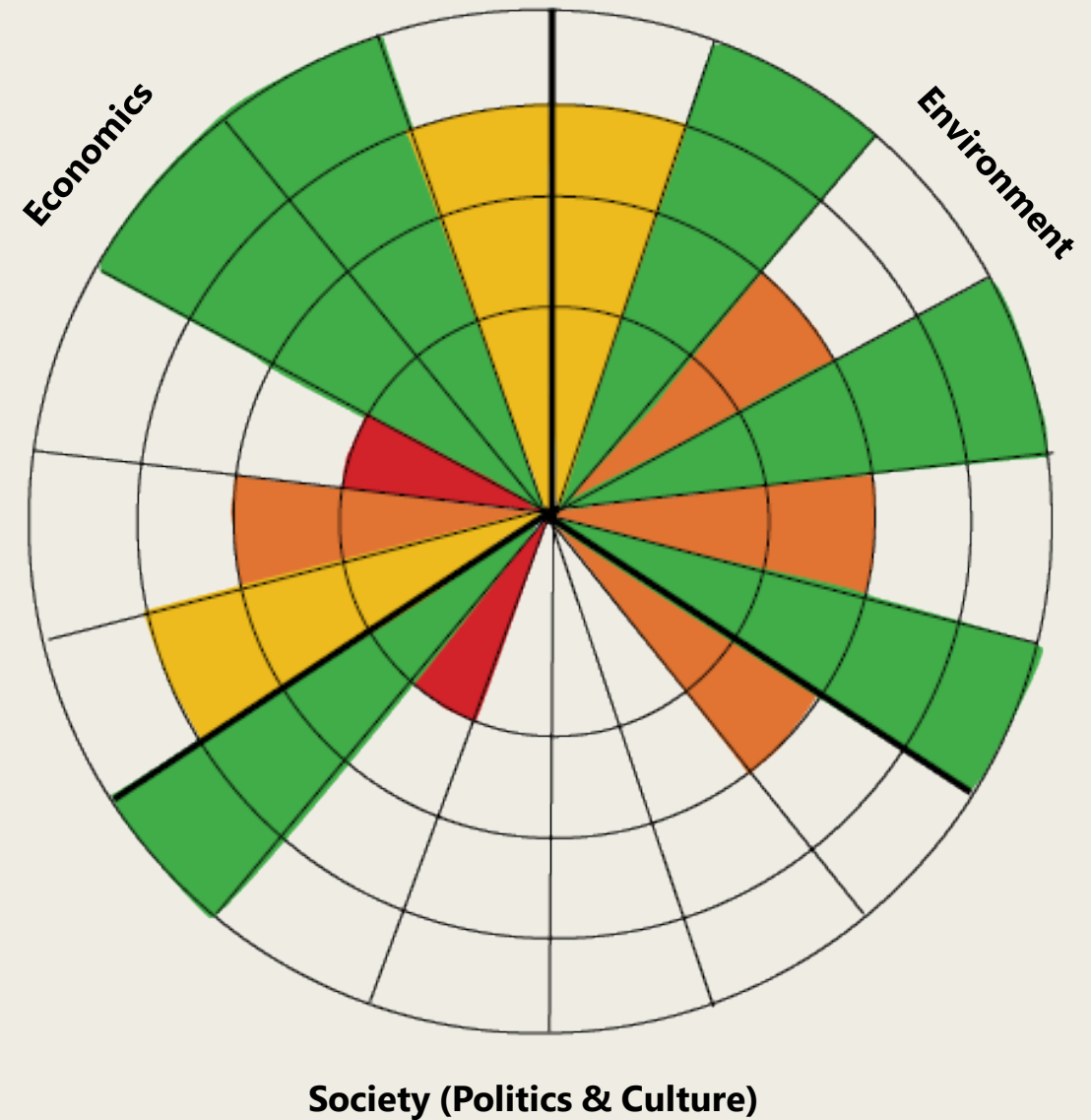
STATE/TERRITORY SUPPORT FOR CARBON SEQUESTRATION AND/OR GHG EMISSIONS REDUCTION IN AGRICULTURE



ASSESSMENT : Highlights

“Circles of Sustainability” framework

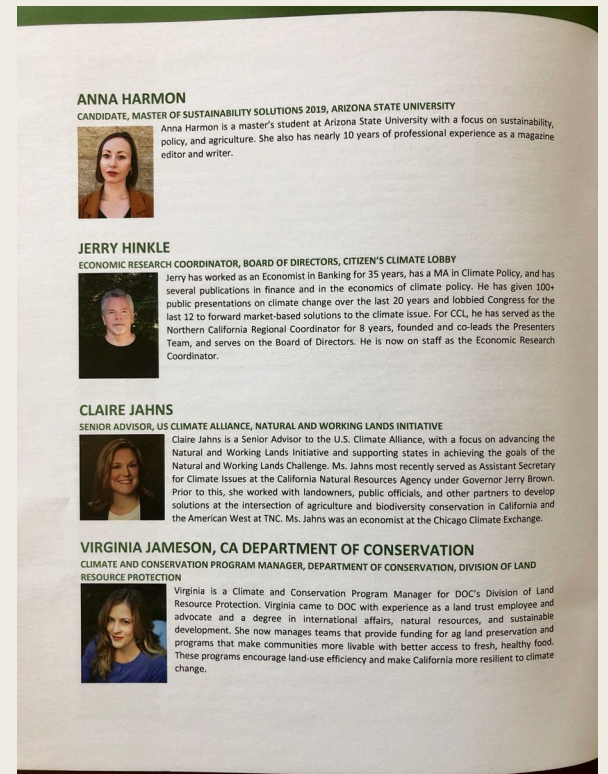
- Strongest in Environment, Economics, then Society
- Recommendations: other stakeholders, representation in case studies, local food



EXPERIENCE

Helped initiate and contribute to a multi-partner, nearly national project

- Be flexible
- Strive to maintain and communicate vision, manageable scope
- Consider expertise and audience of new collaborators
- Pursue stakeholder engagement and feedback





FUTURE WORK

- Social sustainability
- Regenerative agriculture, forestry
- Completing toolkit

A vibrant field of sunflowers with bright yellow petals and dark brown centers, set against a clear, light blue sky. The sunflowers are in various stages of bloom, with some fully open and others still budding. The green leaves of the plants are visible, adding to the natural feel of the background.

THANK YOU

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