Nevada Sage-Grouse Conservation Credit System

SEC Meeting January 8, 2014

Today's Objectives

- 1) Introduce team
- 2) Understand El's approach
- 3) Understand work plan
- 4) Define SEC engagement



Team



Jeremy Sokulsky, PE, MBA

Principal In Charge, Policy, Operations & Metric Contributor

Eoin Doherty, MBA

Project Manager, Economic Analysis, Policy & Operations Producer

Katie Riley

Policy & Operations Contributor

Shayna Brause

Policy & Operations Contributor

RESOLVE

Steven Courtney, Ph D

Science Facilitator Metrics Contributor, Policy Contributor



Kevin Halsey

Metrics Lead, Ouantification Tool Lead

> Linda Hwang Metrics Producer

Jim Koloszar

Metrics Contributor, **Ouantification Tool Producer**



Theodore Toombs

Metrics Contributor, Federal Agency Integration Lead, Policy Contributor

Jeremy Proville

Metrics Economic Analysis Contributor

The Nature Conservancy

Michael Cameron

Policy Contributor, Federal Agency Integration Contributor

Louis Provencher, Ph D Metrics Contributor



Matt Deniston

Geodatabase Lead, Reporting Platform Lead

Ray Lee

Geodatabase Producer, Reporting PlatformProducer

Technical & Policy Expert Pool

Steven Quarles, JD Conservation & ESA Legal Lead

Matt Holloran, Ph D Metrics Contributor

Reid Persing

Federal Agency Integration





CREDIT SYSTEM FEATURES



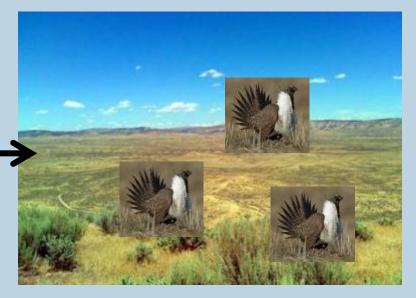
Habitat Quantification

Quantification Approach, Calculator and Monitoring

Management Practices to Improve Habitat



Pre-Project	Acres	Quality	Functional Acres
Site	20	(0% =	= 0
	80 2	x 50% =	= 40
Landscape	n/a	100%	40



Post-Project	Acres	Quality	Functional Acres
Site	100)	(100% =	100
Landscape	n/a	100%	100

Total Uplift: 60 functional acres

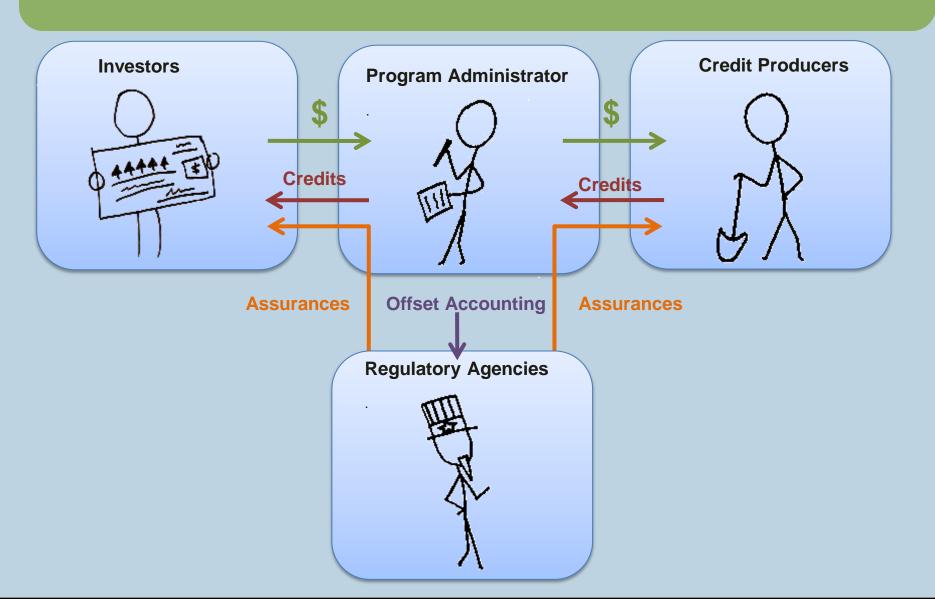
Credit Production, Acquisition & Governance

Policy, Procedures and Forms



Credit Production, Acquisition & Governance

Policy, Procedures and Forms



Ensuring Net Benefit & Comparison to Conservation Banking

Combination of factors ensure Net Benefit

- Mitigation Ratios
- Outcome-Based Quantification & Performance-Based Credit Release
- Verification with Performance & Financial Assurances
- Reserve Account

Innovations to Conservation Banking Model

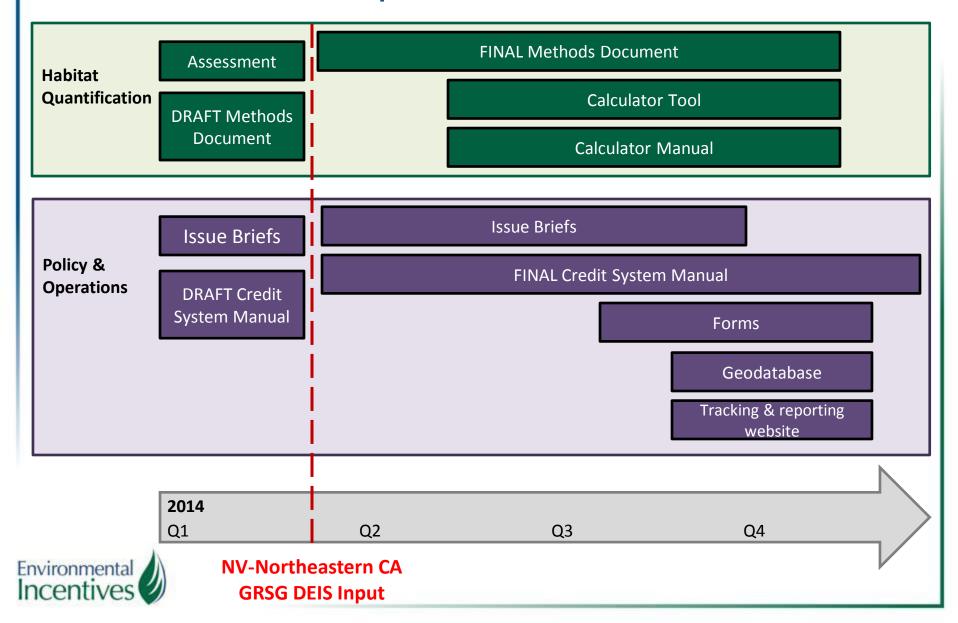
- Establishing a Programmatic Approach
- Accounting for Functional-Acres
- Use of a Programmatic Reserve



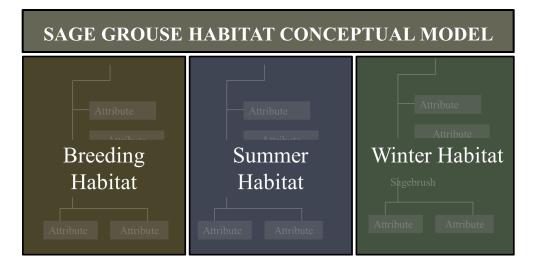
CREDIT SYSTEM DEVELOPMENT



Development Timeline



Habitat Quantification



Products

- a) Methods document
- b) Calculator tool
- c) Calculator manual

Purpose

Describe, explain and operationalize approach to quantifying changes to habitat (credits & debits)

Users

Investors, credit producers and verifiers



Policy & Operations



tracking and exchanging credits and debits

Users

Purpose

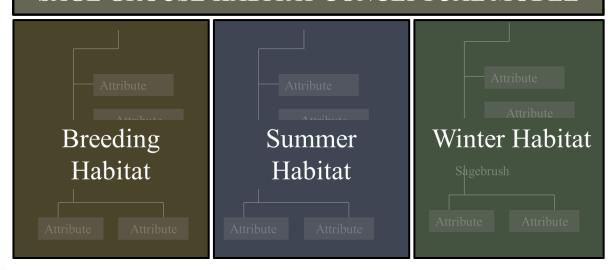
Administrators, investors, credit producers, verifiers, and technical support



Conservation Credit System



SAGE GROUSE HABITAT CONCEPTUAL MODEL





Assessment Overview

Purpose - Facilitate use of the best available approaches in quantification tool.

Audience

- Science stakeholders to gain input
- Project team to develop quantification tool



Issue Briefs

Short factsheets that succinctly define issues, present program design options to decision-makers, and document rationale for recommendations integrated into the Credit System Manual.

- Baseline
- Credit Release
- Organizational Structure & Roles
- Participant Confidentiality
- Performance & Financial Assurances
- Project Life/Contract Duration

- Reserve Account
- Restoration vs. Preservation
- Service Areas
- Project & Site Eligibility
- Tiered Mitigation & Net Benefit Ratios
- Stacking
- Verification



SEC INPUT



SEC Input

- January discussions or February drafts?
- Will SETT be the administrator, and SEC oversight committee?
- Buyer-seller direct transaction, or administrator aggregation?



Habitat Quantification Work Plan

SAGE GROUSE HABITAT CONCEPTUAL MODEL



SEC Input

Product Period		Period	
Assessment	January	None	
Conceptual Model	January	Late January (?)	
DRAFT Methods Document	February	Late February	
Final Methods Document	March – October	TBD	
Calculator	April – October	TBD	
User Guide	April – October	TBD	

Davolonment

Policy & Operations Work Plan

Select & Implement Develop Verify Track & Register & Acquire Determine Validate & Calculate Investment (Conditions Credits Need Issue Transfer Site Credits Goal

Product	Development Period	Input Period
PRIORITY Issue Briefs	January – February	Late January (?)
DRAFT System Manual	January – February	Late February
Additional Issue Briefs	March – November	TBD
Final System Manual	March – December	TBD
Forms	August – November	TBD
Geodatabase & Reporting Website	September - November	TBD



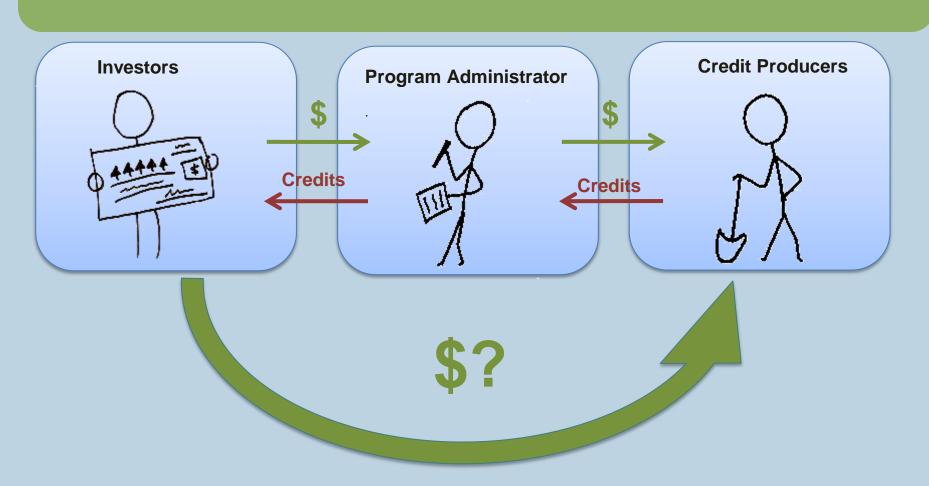
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Organizational Design

