Catalyzing Impact
Investment in Sustainable Agricultural Lands and Practices

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Project Implementation

Goals
• Develop quantitative tool
• Evaluate financial impacts
• Catalyze investment

Objectives
• Integrate many data types
• Build framework for benefits
• Use outputs of tool to demonstrate value
Ecosystem Valuation Toolkit

- Web-based repository and suite of tools
- Rapid Response
- Scalable analysis
200+ fields for every value
1,400+ vetted values
45,000+ candidate values
Cleanliness and Transparency

• Multi-stage vetting process
• Trained economic analyst review
• Full change tracking
SERVES

- Filter and select studies for transfer
- Flexible value reporting
- Collaboration tools
Additional Indicators

32 total indicators

• Farm-level: 2

• Field-level: 4 in addition to
  ▪ Crop management practices: 14
  ▪ Animal management practices: 8
  ▪ Structural practices: 4
Ecosystem Descriptor 1
- Row crops
- Conservation till
- Rotated from pasture
- Etc.

Ecosystem Descriptor 2
- Pasture
- Sheep stocked at 10 AUM
- Intensive grazing
- Etc.

Ecosystem Descriptor 3
- Fallow
- Rotated from row crops
- Etc.
Bibliography: Farm of the Future: Working lands for ecosystem services

Site 1: Sacramento River Ranch Farm

Ecosystem Descriptor 1: Cultivated, Pastures, Other

Ecosystem Service 1: Habitat, Habitat, Specific Species

Valuation Methodology 1: Market Based, Market Price

Value 1: 7500 USD per Acres per other

Ecosystem Descriptor 2: Shrublands, Shrub, Other

Ecosystem Service 2: Habitat, Habitat, Specific Species

Valuation Methodology 2: Market Based, Market Price

Value 2: 85000 USD per Acres per other

Ecosystem Descriptor 3: Wetlands, Grass / Herbaceous, Unspecified

Ecosystem Service 3: Habitat, Habitat, Unspecified

Valuation Methodology 3: Market Based, Market Price

Value 3: 100000 USD per Acres per other