

Forecasting Agriculture's Future in a Water Quality World

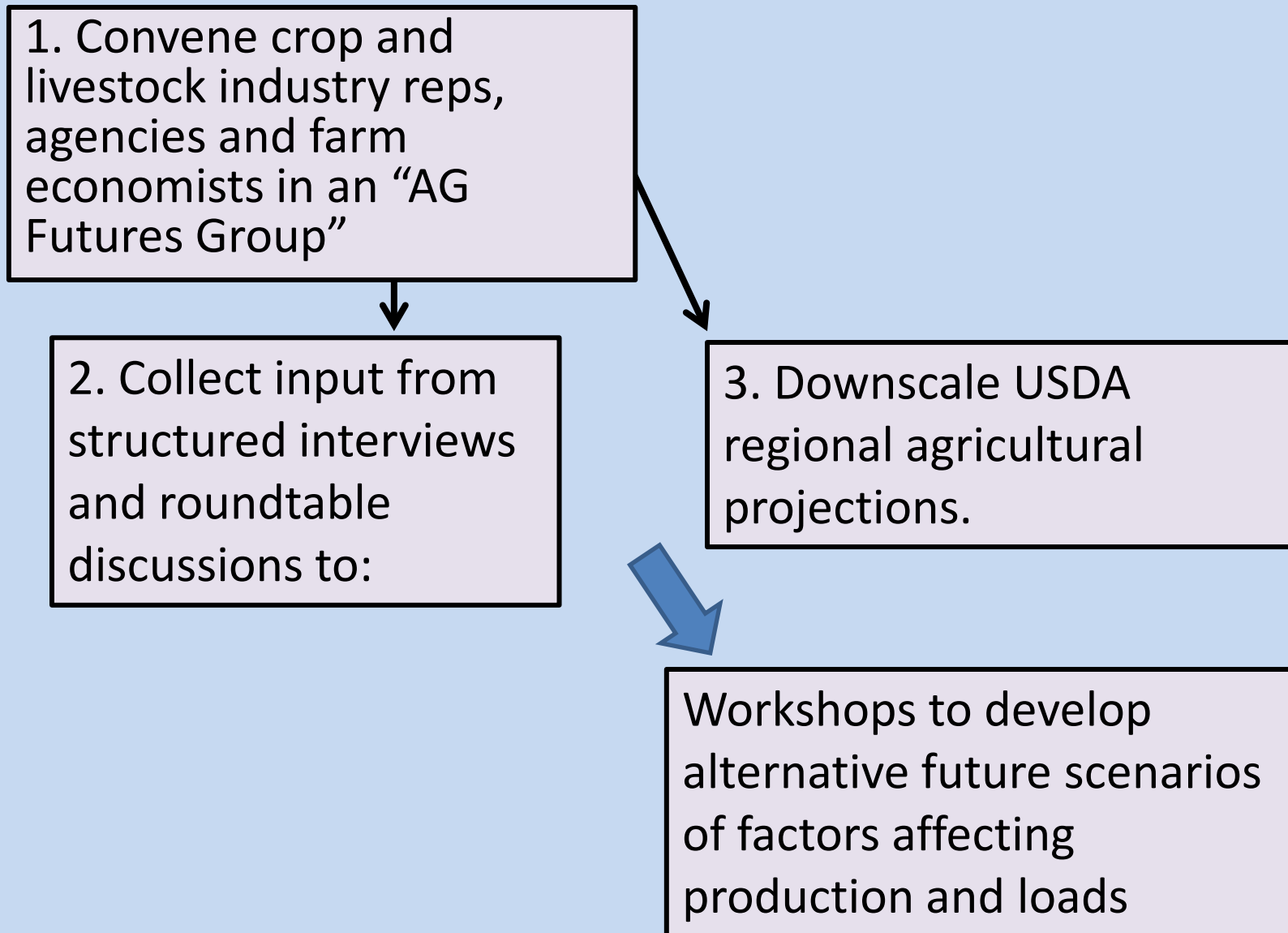
What?

Develop the CBP Partnership capacity to generate 10-year, and 20-year forecasts of agricultural NPS loads based upon historical production trend data, analysis of driving forces (markets, technologies, policies) , and stakeholder' practical insights regarding future trends.

Why?

- Equity across sectors:
- Examine potential Ag “problems showing up in current scenarios
- Opportunity to increase/benefit from Ag Industry collaboration

How? Proposed Work Plan



Potential Scenarios

- 1. Business As Usual: historic trends + WIP implementation**
- 2. Policy Implementation – urban growth, nutrient management etc. → sector loads and spatial distribution.**
- 3. Market Forces –demand for commodities and services w/ changes genetics, nutrition, and new technologies.**
- 4. Ag Sustainability – protect soils, growth mgmt., reforest, broad adoption of new BMPs, manage nutrient imports and exports in the face of climate change.**

Work Plan Cont'd

With CBPP Modelers, evaluate alternative future scenarios estimate nutrient and sediment loads and regional offset capacity.



Watershed Stakeholder review of scenarios and impacts



Compile input and write final report with finalized scenario version.

Water Quality Goal
Implementation
Team

Agricultural
Work Group

Sub
Committee

Ag Futures
Forecasting
Project Team
AFT CBP ERS

