



Missouri River Recovery Management Plan & EIS

MORAST

October 1, 2013



What is it?

- Assess effectiveness of actions being taken pursuant to the **current Biological Opinion** and WRDA'86, '99, '07
- **Define modifications** to actions if deemed necessary
- Define specific **adaptive management** process to modify actions to ensure continued effectiveness
- Include **Environmental Impact Statement** requirements

Why?

- Need to **evaluate monitoring information** to date to **determine effectiveness** of current and future actions on species and habitat mitigation
 - Recently reinforced through 7 consensus recommendations provided by Missouri River Recovery Implementation Committee (MRRIC)
- Need an **adaptive management plan** for the program
 - Adaptive management requirements of the amended 2003 Biological Opinion
- Missouri River Recovery Program needs **NEPA compliance** to assess programmatic effects of the actions implemented under the program and any potential changes

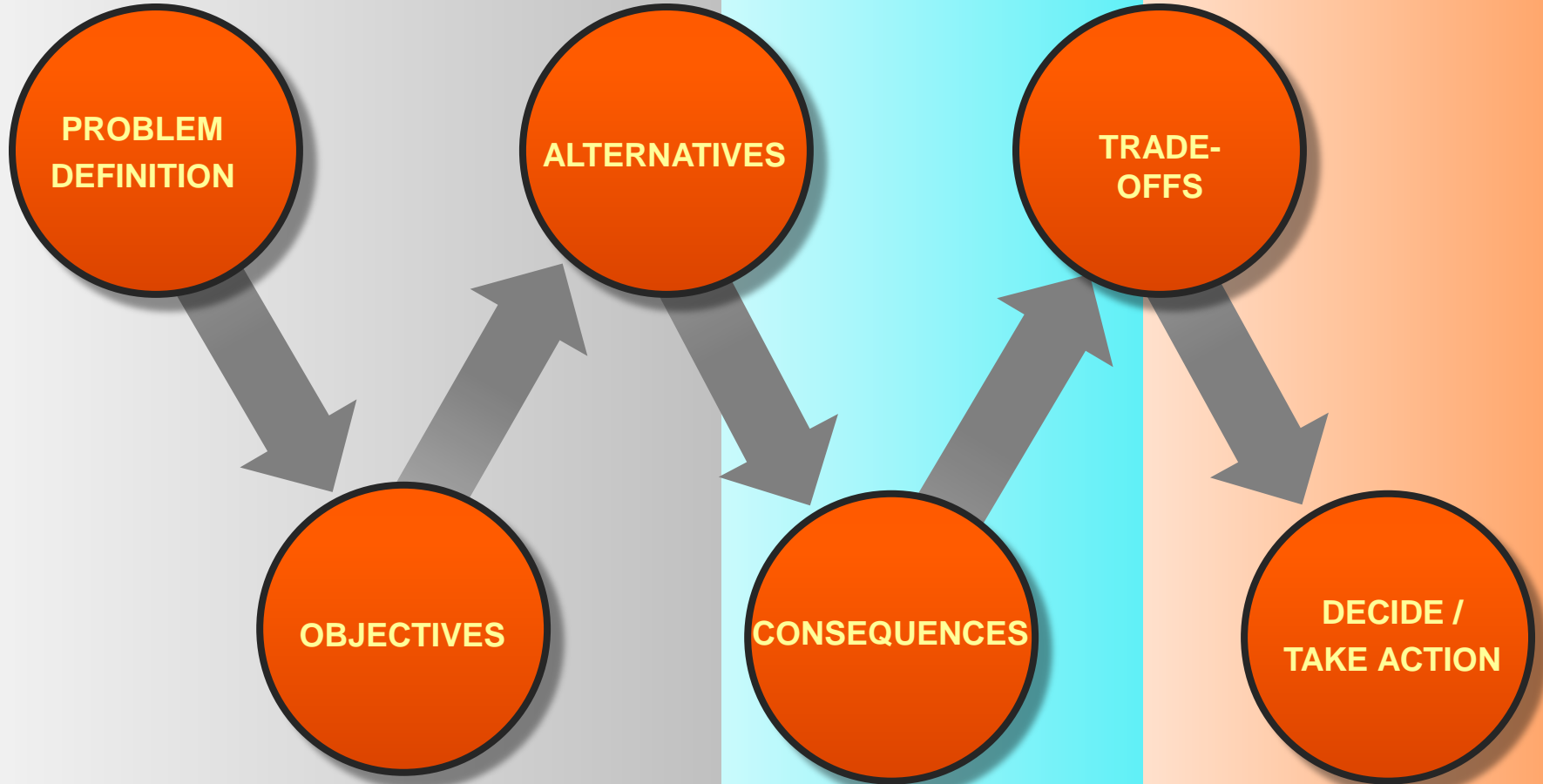
How?

MAY 2013

MAY 2014

MAY 2015

MAY 2016



**PROBLEM
DEFINITION**

ALTERNATIVES

**TRADE-
OFFS**

OBJECTIVES

CONSEQUENCES

**DECIDE /
TAKE ACTION**

Scope/Sideboards

- Evaluate actions contained in the 2003 BiOp and WRDA '86,'99,'07
- Focus on mainstem from Fort Peck to St Louis
- Consistent with the authorized purposes of the Missouri River system
- Complete in May 2016



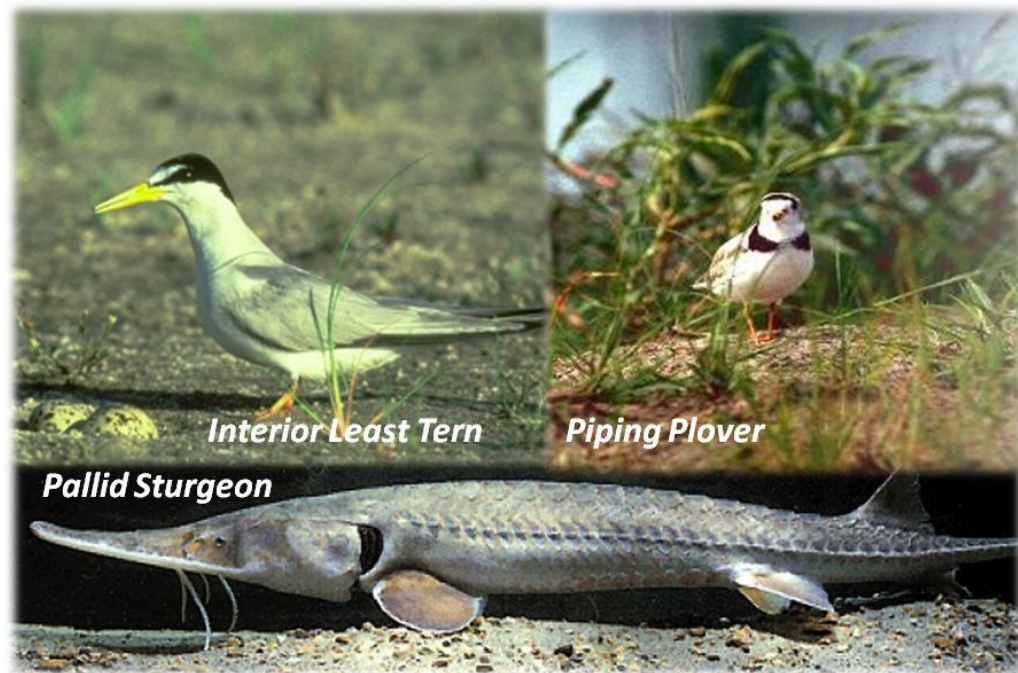


Problem Definition

- Develop a management plan that identifies the suite of actions that most effectively address the MRRP goals and objectives.
 - Remove or preclude jeopardy status and contribute to the recovery of listed species, while meeting other authorization requirements (WRDA '86,'99, '07)
- Continue management for Missouri River authorized purposes and account for human considerations.
- The plan will include an environmental impact statement and establish an adaptive management process for implementing the preferred alternative.

Examples of Objectives for Alternative Formulation

- Maintain a total population number of Missouri River piping plover and least tern that keep the population resilient in the long term
- Increase pallid sturgeon recruitment to age 1





Examples of Human Considerations for Evaluation

- Agriculture
- Recreation
- Dredging
- Navigation
- Flood Risk Management
- Environmental
- Irrigation
- Hydropower
- Thermal power, wastewater, water supply
- Water Quality
- Local Government
- Tribal and Cultural

Scoping

- Tribal scoping meetings held in August at Fort Peck MT, Billings MT, Bismarck ND, Vermillion SD, Lawrence KS, and Pawhuska OK
- Public scoping webinars held on Sept 11 and 18
- Scoping Comments accepted thru October 18, 2013



Scoping Comment Submission

- Go to the National Park Service Planning, Environment & Public Comment (PEPC) website at <http://parkplanning.nps.gov/MRRMP>
- Mail comments to:
 - U.S. Army Corps of Engineers, Kansas City District
 - c/o CENWK-PM-PR (Management Plan)
 - 601 E. 12th Street
 - Kansas City, MO 64106
- Provide written comments by October 18, 2013



QUESTIONS?

