

Illinois River Instream Flow Pilot Study Public/Stakeholder Meeting

June 16, 2016

Municipal Armory

Tahlequah, Oklahoma



US Army Corps
of Engineers.



Agenda for Tonight's Discussion

Welcome and Introductions

Derek Smithee, Division Chief, OWRB

Recap of January 2016 Public/Stakeholder Meeting

John Rehring, Carollo Engineers

Technical Presentation:

Instream Flow Assessment Technical Study Findings

Forrest Olson, CH2M

Public Comment / Questions and Answers

Next Steps

Housekeeping



Keeping in Touch

www.owrb.ok.gov/ISF



Provide E-mail address on Sign-in Sheet

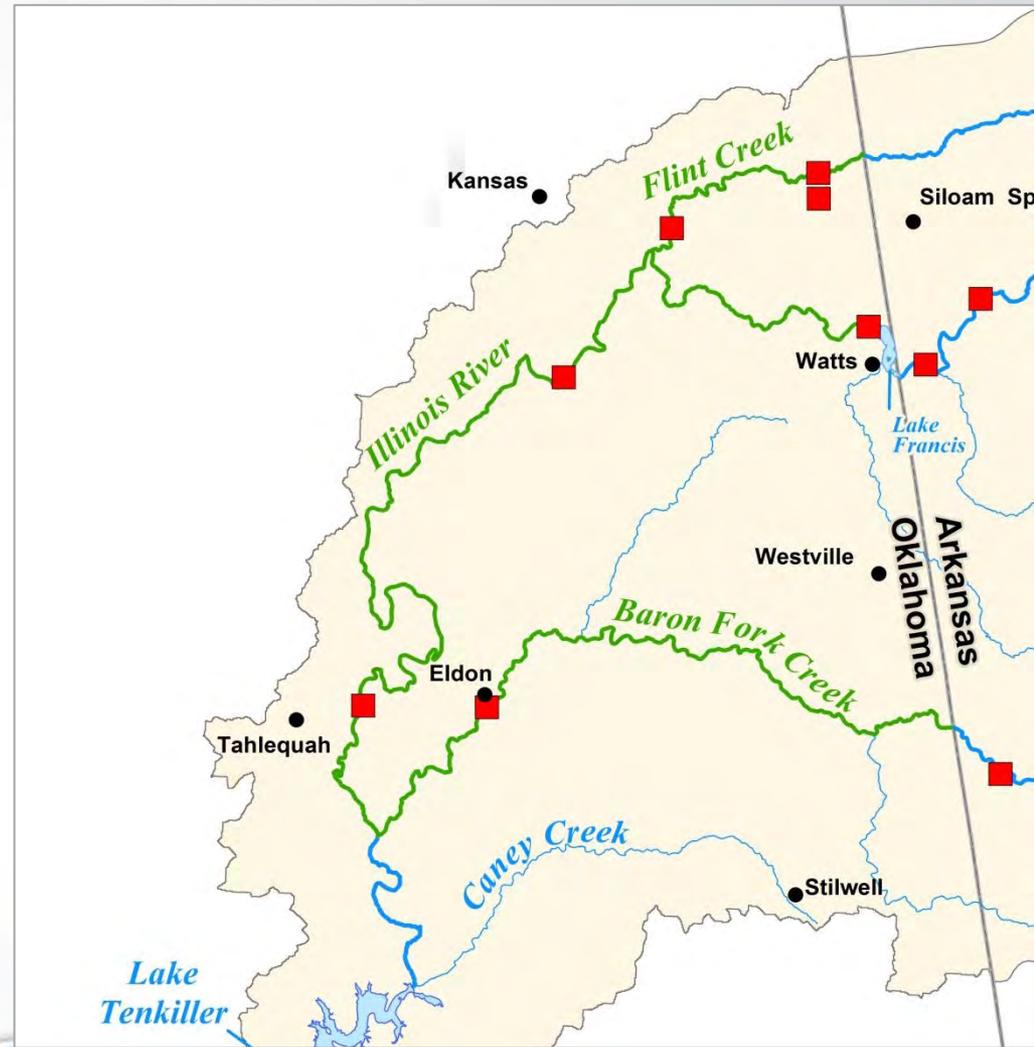
Derek.Smithee@owrb.ok.gov



Derek Smithee
(405) 530-8800

Focus of Tonight's Discussion

- **Instream (or environmental) flows** are those necessary to provide for a **healthy ecosystem** and support **water-related recreation** (such as fishing, hunting, swimming, and boating) as well as **tourism**.



Instream Flow Advisory Group

**J.D. Strong
(Chair)**

- OWRB

**Shannon
Brewer**

- USGS

Tom Creider

- Oklahoma
State Parks

**Mark
Derichsweiler**

- Sierra Club

Tom Elkins

- Cherokee Nation

A.J. Ferate

- OIPA

Mike Fuhr

- The Nature
Conservancy

**James
Gammill**

- Oklahoma Rural
Water Association

Bud Ground

- Environmental
Federation of
Oklahoma

**Charlette
Hearne**

- ORWP

**Michael
Kelsey**

- Okla. Cattlemen's
Association

Mike Jackson

- Okla. Chamber of
Commerce

Mike Mathis

- Continental
Resources

**Sue Ann
Nicely**

- Okla. Municipal
League

Marla Peek

- Oklahoma
Farm Bureau

Tyler Powell

- Office of the Sec.
of Energy &
Environment

Jim Reese

- Okla. Dept. of Ag,
Food & Forestry

**Marsha
Slaughter**

- OKC Water
Utilities Trust

Kevin Stubbs

- US Fish & Wildlife
Service

**Jeff
Tompkins**

- Bureau of
Reclamation

**Brooks
Tramell**

- Okla. Conser-
vation Comm.

Support

- OWRB Staff
- CH2M
- Carollo

Joe Long

- Okla. Dept.
Environmental
Quality.

ISF Advisory Group: Process for Assessing Instream Flow

J.D. Strong (Chair) • OWRB	Shannon Brewer • USGS	Tom Creider • Oklahoma State Parks	Mark Derichsweiler • Sierra Club	Tom Elkins • Cherokee Nation
A.J. Ferate • OIPA	Mike Fuhr • The Nature Conservancy	James Gammill • Oklahoma Rural Water Association	Bud Ground • Environmental Federation of Oklahoma	Charlette Hearne • ORWP
Michael Kelsey • Okla. Cattlemen's Association	Mike Jackson • Okla. Chamber of Commerce	Mike Mathis • Continental Resources	Sue Ann Nicely • Okla. Municipal League	Marla Peek • Oklahoma Farm Bureau
Tyler Powell • Office of the Sec. of Energy & Environment	Jim Reese • Okla. Dept. of Ag, Food & Forestry	Marsha Slaughter • OKC Water Utilities Trust	Kevin Stubbs • US Fish & Wildlife Service	Jeff Tompkins • Bureau of Reclamation
	Brooks Tramell • Okla. Conservation Comm.		Support • OWRB Staff • CH2M • Carollo	



Address the legal and policy questions.



Study other mechanisms for protecting instream flows.



Develop a draft methodology for instream flow studies in Oklahoma.



Conduct a study on the economic impacts of instream flows in Oklahoma.

5. Perform an instream flow pilot study in a scenic river.



Preserve the Instream Flow Workgroup.

Upper Illinois
River Instream
Flow Pilot Study

ISF Advisory Group: Overall goals for the Upper Illinois River Instream Flow Pilot Study

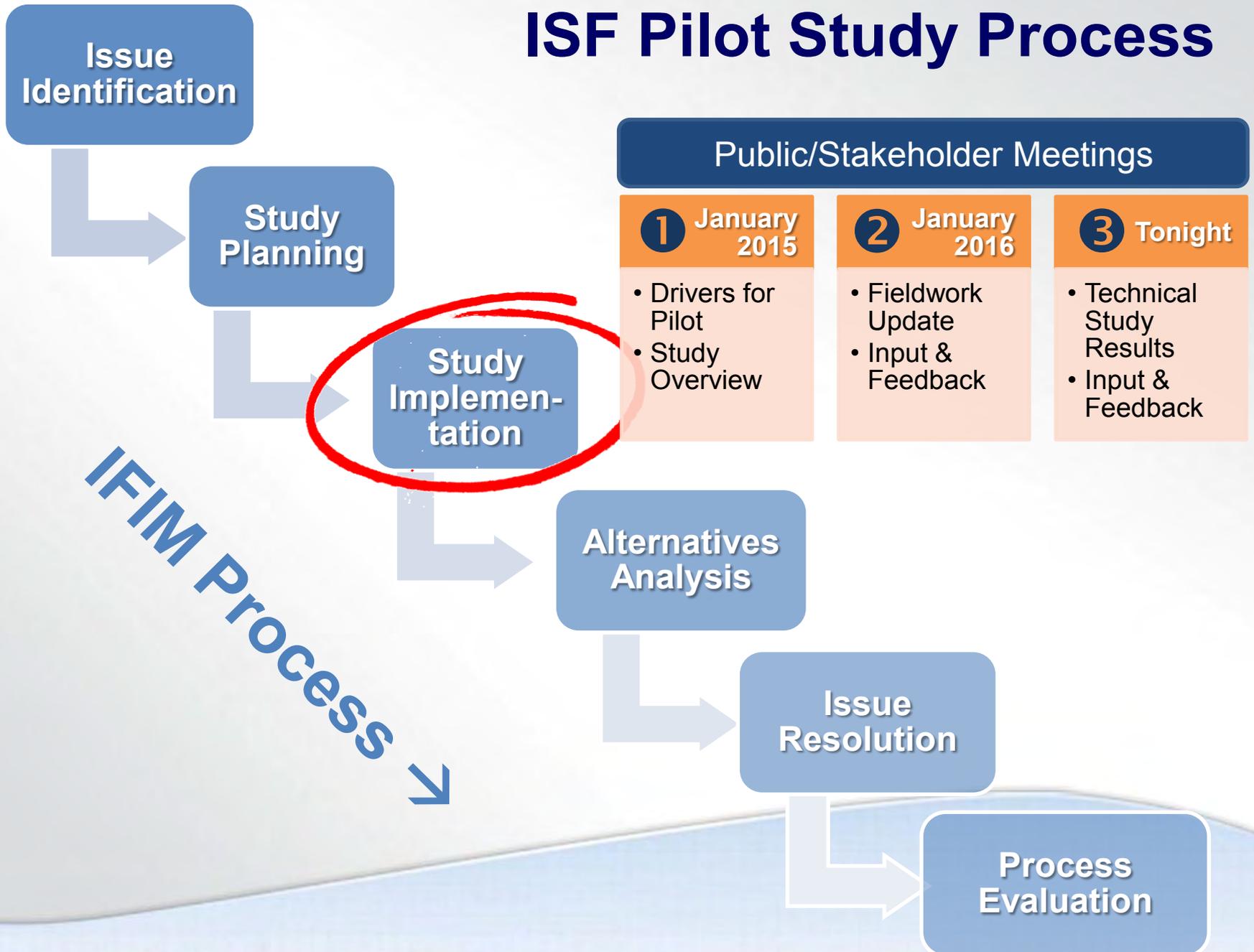
Better understand the benefits and implications of a possible ISF program

Identify additional questions and concerns

Test and refine the IFIM process to address questions and issues raised by the ISF Advisory Group

Identify specific technical components of the approach that could be applied to ISF assessments in other watersheds

ISF Pilot Study Process



Public/Stakeholder Meetings

1 January 2015

- Drivers for Pilot
- Study Overview

2 January 2016

- Fieldwork Update
- Input & Feedback

3 Tonight

- Technical Study Results
- Input & Feedback

Feedback shared at ISF Pilot Study Public/Stakeholder Meeting #2

Suggested Considerations

- Economic evaluation should accompany policy dialogue
- Flow vs. water temperature and dissolved oxygen
- Potential flow impact of future water reuse in Arkansas
- Consider flow patterns, not just extremes
- Consider shifts in types of recreational boating
- Climate change considerations

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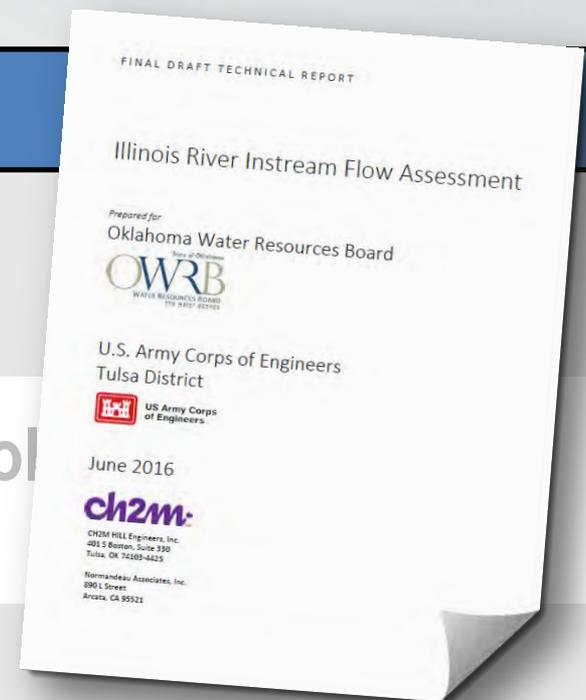
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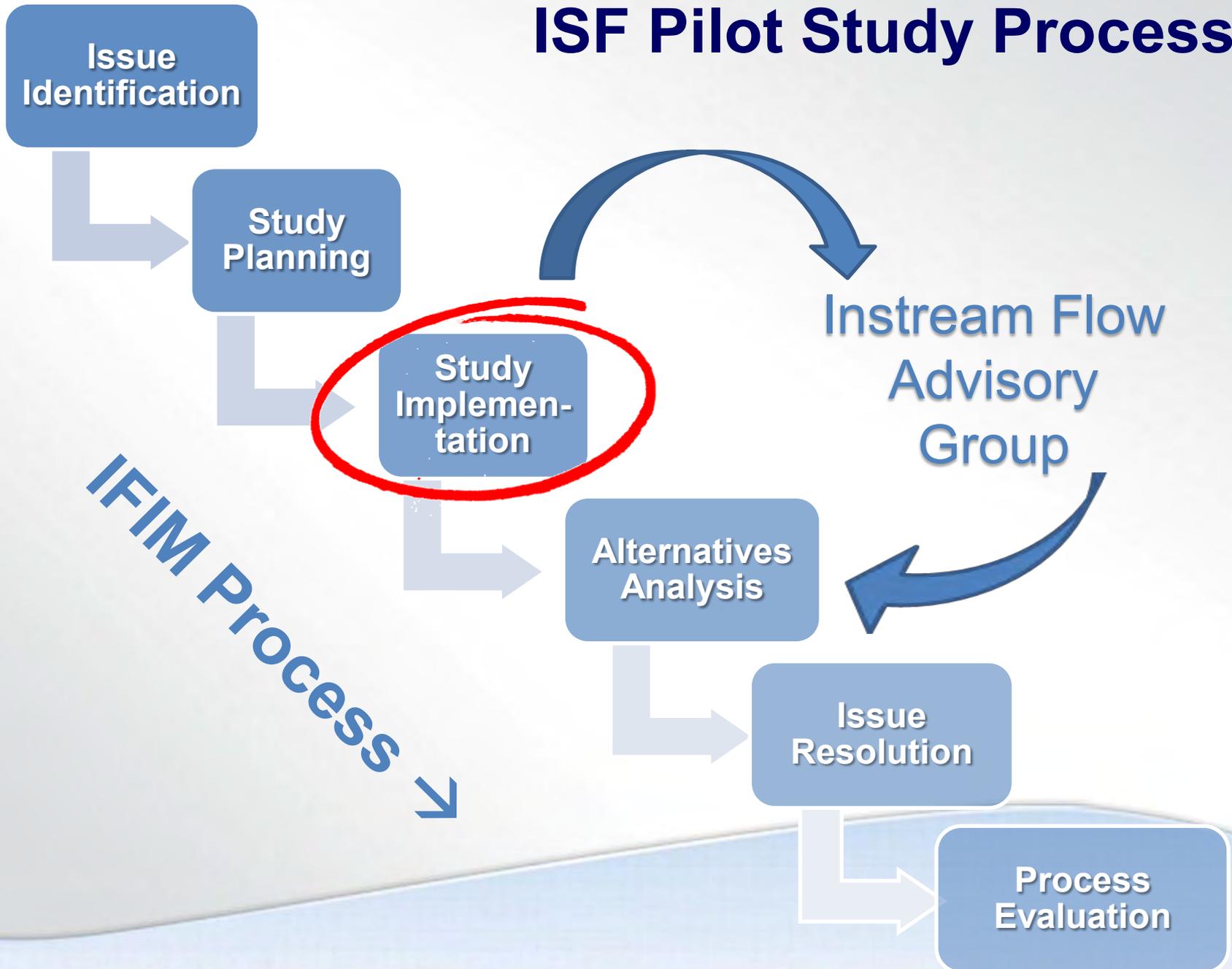
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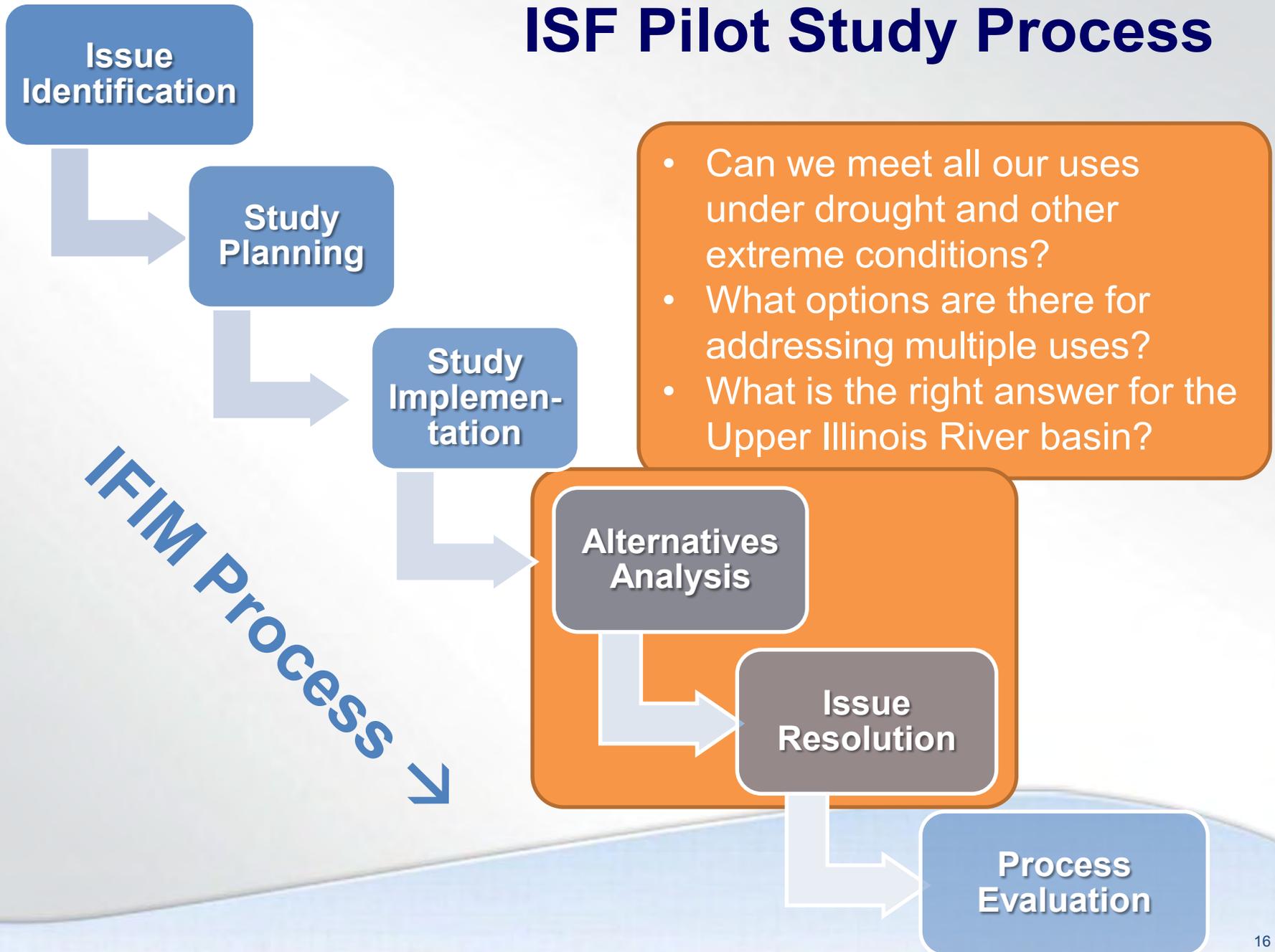
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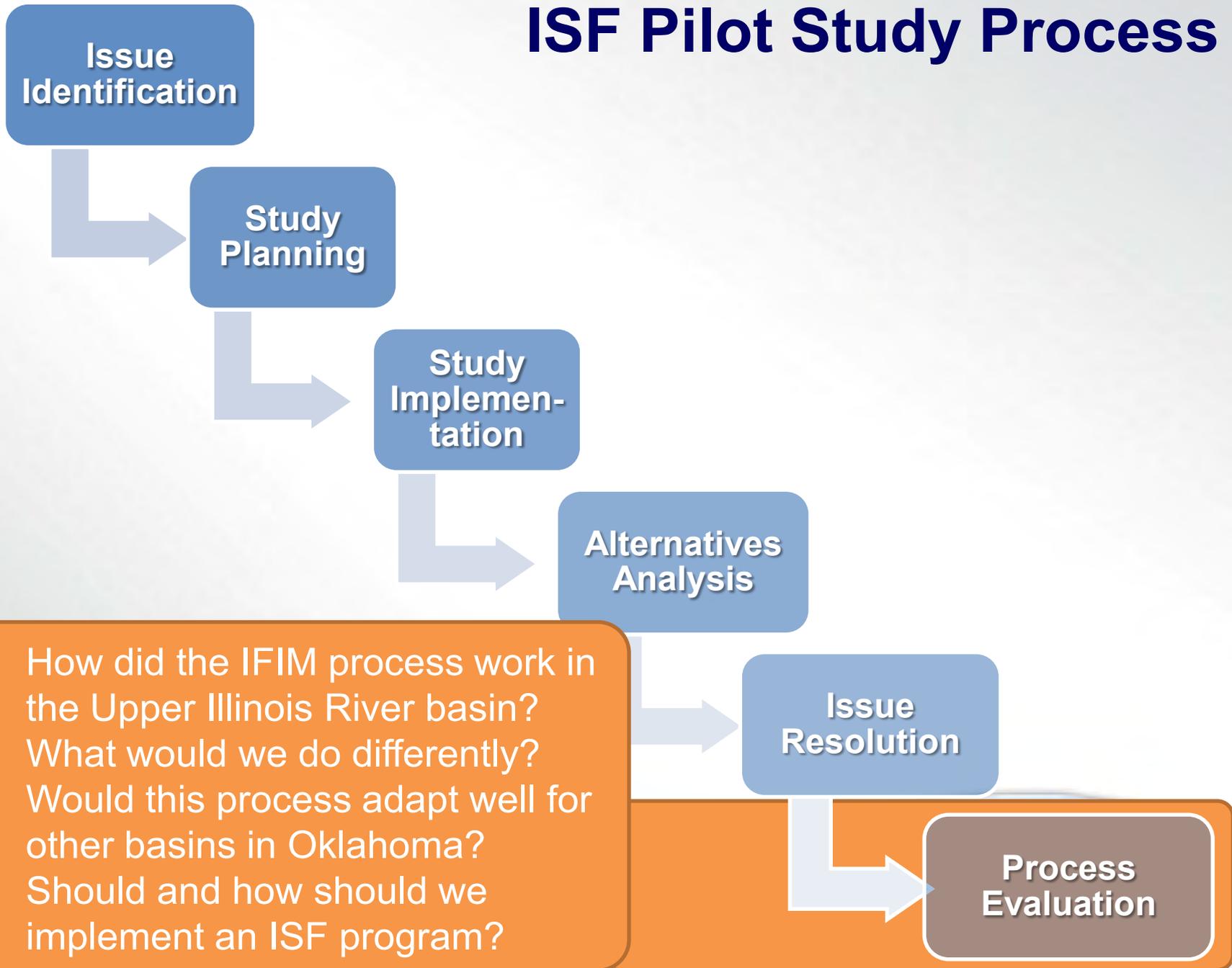
ISF Pilot Study Process



ISF Pilot Study Process



ISF Pilot Study Process



- Questions about the technical studies and how they support the overall Instream Flow Pilot Study?
- Input on the Pilot Study process?
- Other Instream Flow questions?

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