

Project Planning with the U.S. Army Corps of Engineers

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Portland District

1 February 2016



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US Army Corps of Engineers
PLANNING SMART
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Introduction

- **Levee Ready Columbia Partners--Goals:**
 - ▶ Maintain standing in US Army Corps of Engineers (Corps) Rehabilitation and Inspection Program (RIP)
 - ▶ Remain Accredited by Federal Emergency Management Agency (FEMA)
- Initial phases of work started & funded by Levee Partners.
- Drainage Districts' have been exploring federal funding opportunities since 2013
- Potential opportunity with Corps identified:
 - ▶ Section 216 initial appraisal to determine federal interest to start feasibility (May 2015)
 - ▶ Recommendation was forwarded to Corps Headquarters via regional office
 - ▶ Drainage Districts' and Levee Ready Columbia submitted letters of support December 2015
 - ▶ Decision for funding of feasibility study anticipated soon—Feb 9, 2016



Initiating a Water Resources Project

Local perception of water resources problem or opportunity

Contact local USACE District Office

Existing Authority to Investigate, in this case Section 216, used to determine Federal Interest (May 2015)

No Current Authority to Investigate

Congressional Authority for Study

Potential Sponsor submits "Letter of Intent" to District (Dec 2015)

District requests funding in the President's budget and / or local sponsor requests Congressional delegate for Appropriations funding

When funding is appropriated, USACE District initiates study





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Recent Developments--Potential Corps Funding

- National Data Call for Potential General Investigations “New Starts” in FY 16
- Discussions between Portland District and Sponsor
- Answer to Data Call expressing capability for
 - ▶ FY16: \$200k
 - ▶ FY17: \$500k
 - ▶ FY18: \$600k
 - ▶ FY19: \$200k
- Matched 50-50 between Federal and Non-Federal
- Should know by 9 February 2016



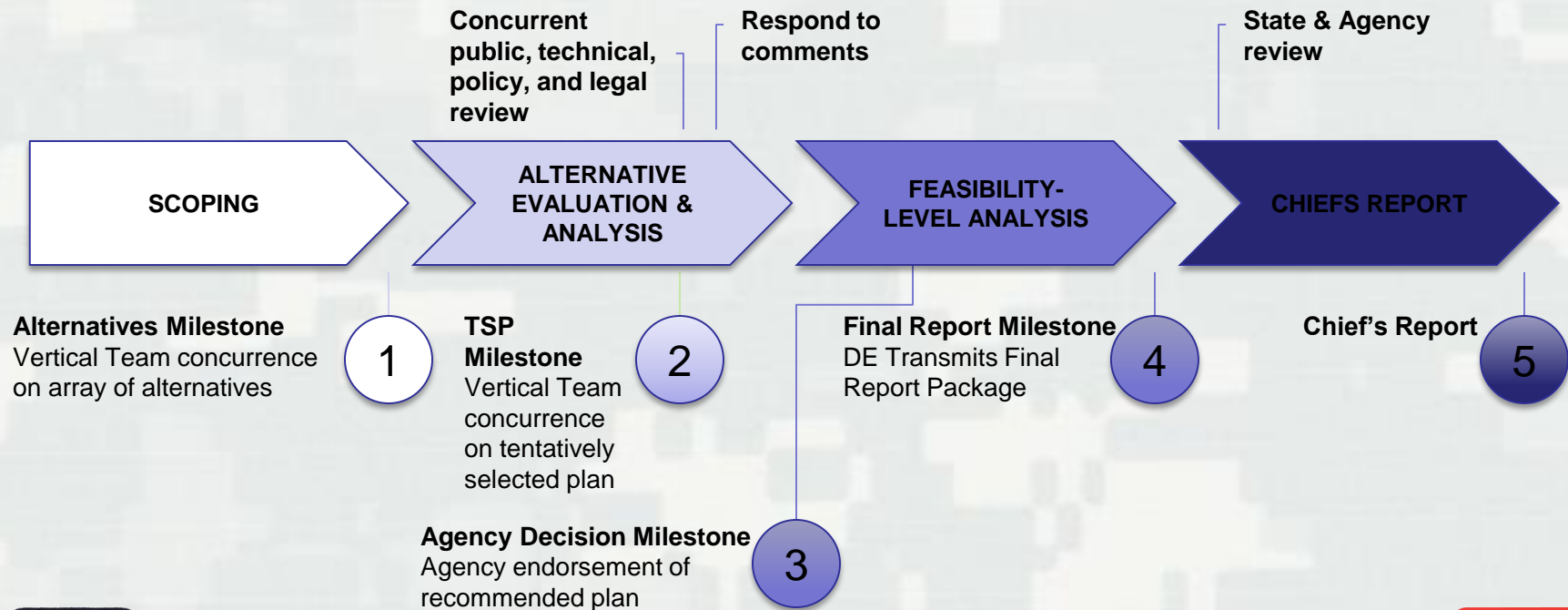
Project Development Phases

	 Feasibility Phase	Preconstruction Engineering & Design Phase (PED)	 Construction Phase	Operation & Maintenance (O&M) Phase
Duration	3-Years	Approx. 2-Years	Varies with Project	As long as Authorized
Funding	50% Fed- 50% Non-Fed	75% Fed 25% Non-Fed	65% Fed 35% Non-Fed	100% Non-Fed
Activities	Feasibility Analysis	Detailed Design	<ul style="list-style-type: none"> •Real Estate Acquisition •Relocations (If Needed) •Plans & Specs 	O & M Repair Replacement and Rehabilitation
Agreements	Feasibility Cost Sharing Agreement (FCSA)	Design Agreement	Project Partnering Agreement (PPA)	
Decision Documents	Feasibility Report with NEPA, Chief's Report	Detailed Design Report	Plans and Specs	O&M Manual

SMART Feasibility Study Process

In-Progress Reviews (IPRs) as needed

SMART Feasibility Study Process 18-36 MONTHS

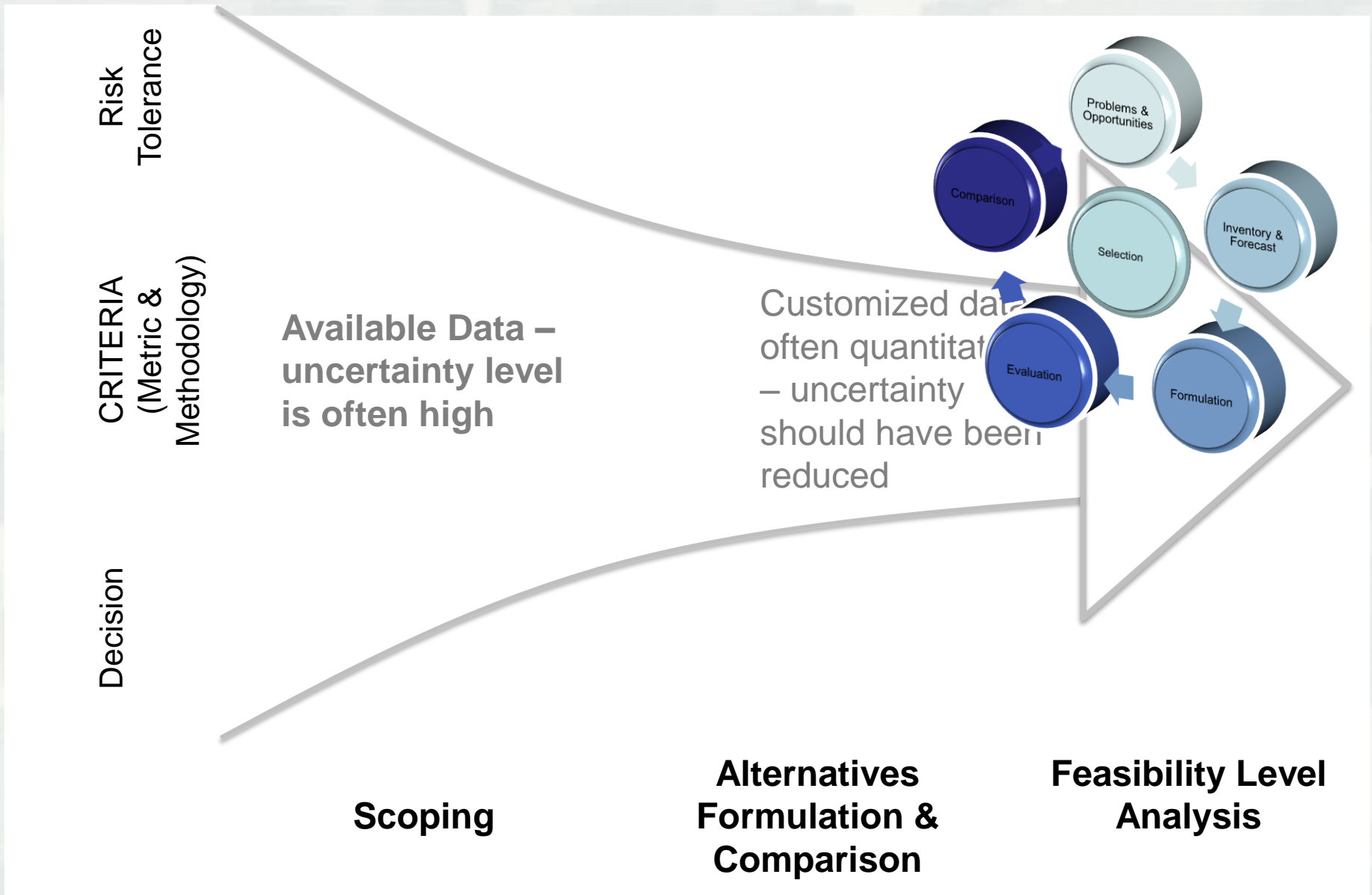


Milestones Mark Decisions



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The Right Level of Detail at the Right Time



Planning SMART Guide

Published online at www.corpsplanning.us – allows for timely content updates

- Feasibility Study Phases
 - Scoping
 - Alternative Formulation & Analysis
 - Feasibility-Level Design
 - Chief's Report
- SMART Planning Tips & Tools
 - Tips for Highly Effective Studies
 - Business Line Guides
 - Risk Register Template
 - Decision Log
 - Report Synopsis Example
 - 100-Page Report Example
 - Review Primer
 - And more!



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Work Currently Underway or Planned by the District

	PEN 1	PEN 2	MCDD	SDIC
Engineering Assessments			X	X
Levee Environmental Conditions Assessment	X	X	X	X
Climate Change Model	X	X	X	X
Economic Inventory	X	X	X	X
Encroachment Evaluations	X	X		X
Risk Assessment Framework	X	X	X	X
Public Information	X	X	X	X



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Next Steps

- Decision on “New Start”
- Execute Feasibility Cost Share Agreement (FCSA)
 - ▶ Study work does not begin until FCSA is signed
 - ▶ Number of Signing Sponsors
 - ▶ Number of Corps Mission lines
- Receive Funding
- Develop Project Management Plan (PMP)
- Initiate Feasibility Study

