

Planning for high capacity transit in the region

HCT screening criteria

HCT Subcommittee

Oct. 22, 2008



METRO

PEOPLE PLACES

OPEN SPACES

September 08

November 08

January 09

March 09

Late Spring 09

**Universe of Potential HCT
Corridors & Projects**
from Historic Planning & Outreach

Apply Screening Criteria

**HCT Corridors & Projects
Short List**

Apply Project Evaluation Criteria

**Projection of Benefits
& Impacts**

**Priority HCT
Corridors & Projects**

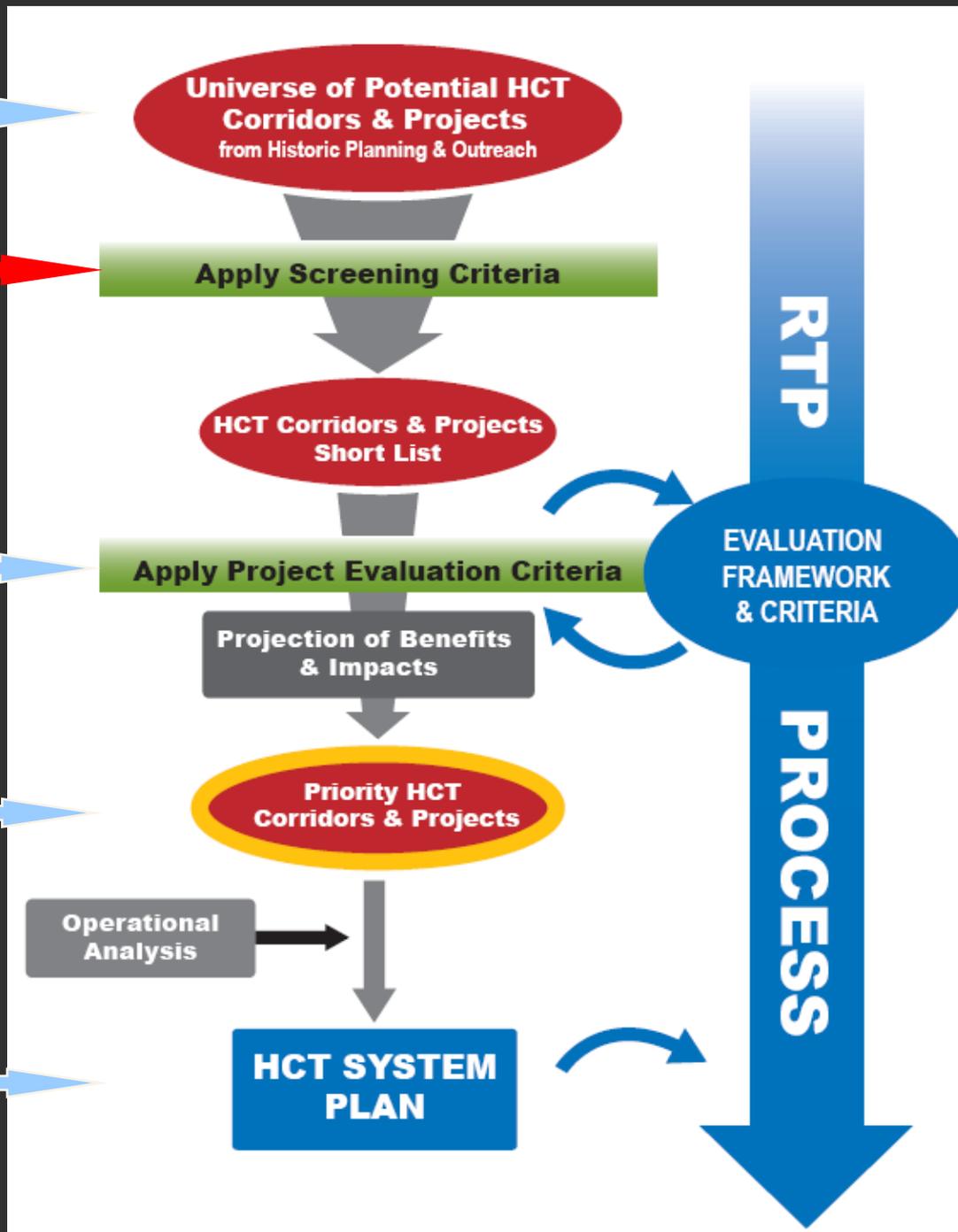
**Operational
Analysis**

**HCT SYSTEM
PLAN**

RTP

**EVALUATION
FRAMEWORK
& CRITERIA**

PROCESS





Planning for high capacity transit in the region

2035 REGIONAL TRANSPORTATION PLAN

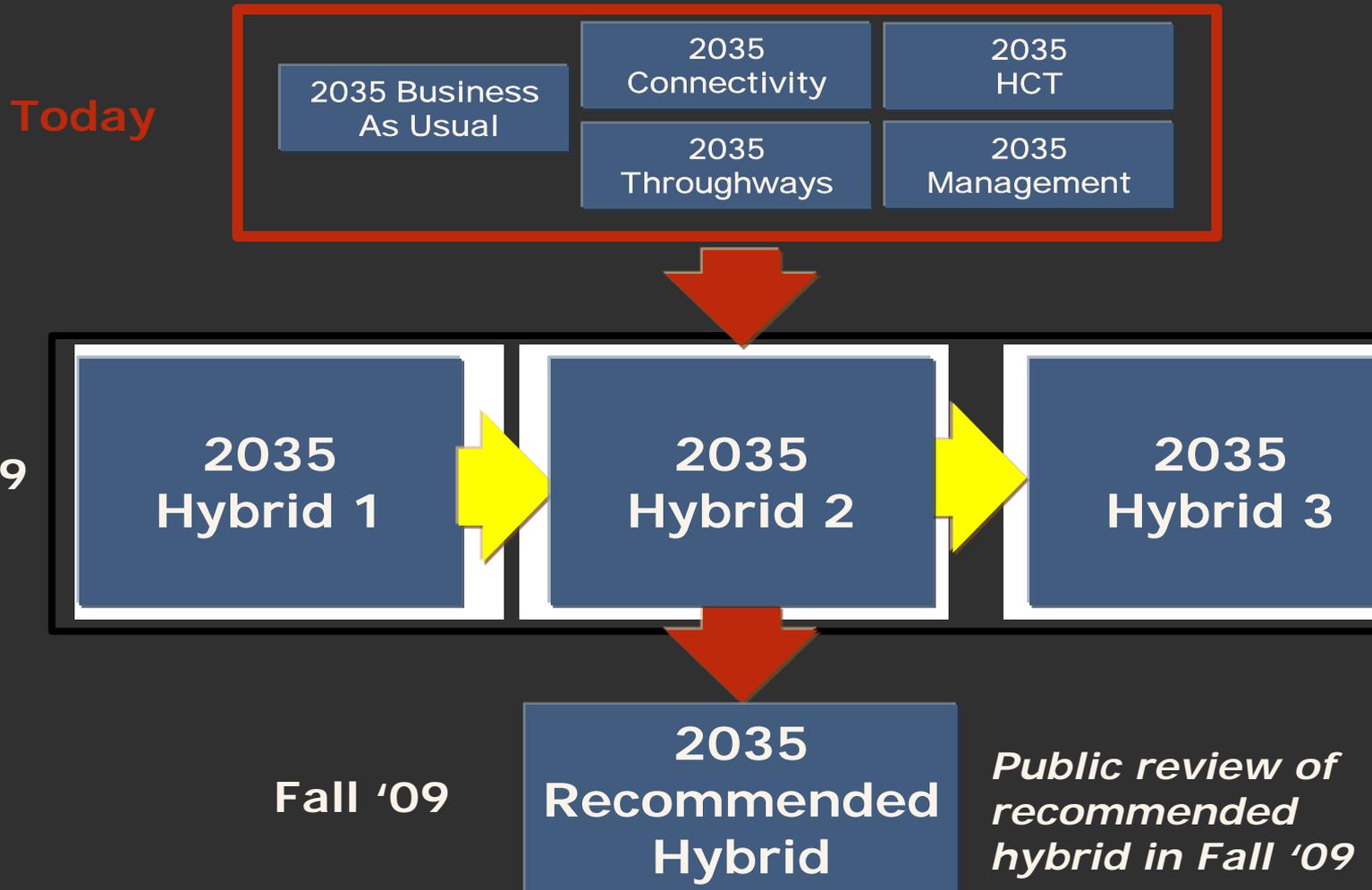
Making choices in 2009

- How do we measure success?
- What is the right mix of investments and strategies?
- How should limited dollars be prioritized?
 - *How do we protect what we have?*
 - *What areas & outcomes are priorities for investments?*
 - *How much revenue is the region willing to raise?*

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2035 REGIONAL TRANSPORTATION PLAN

Moving forward to 2009



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Quantitative screening criteria

CRITERION	MEASUREMENT	PROPOSED SCREENING TARGET	
QUANTITATIVE CRITERIA			
Existing potential ridership *, **	Transit Orientation Index	high	> 5.0 riders per acre
		medium-high	4.0-5.0 riders per acre
		medium	3.0-4.0 riders per acre
		low-medium	1.5-3.0 riders per acre
		low	< 1.5 rider per acre
Future potential ridership *, **	Transit Orientation Index	high	> 10.0 riders per acre
		medium-high	7.0-10.0 riders per acre
		medium	4.0-7.0 riders per acre
		low-medium	2.5-4.0 riders per acre
		low	< 2.5 rider per acre

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Qualitative screening criteria

QUALITATIVE CRITERIA			
Corridor availability and cost	Qualitative assessment of right of way availability and associated access improvements	high	Minimal right of way development needs
		medium	Moderate right of way development needs
		low	Major land acquisition, tunneling, bridge work or extensive ROW development
Environmental constraints	Qualitative assessment of habitat loss	high	Minimal potential habitat loss and mitigation
		medium	Moderate potential habitat loss and mitigation
		low	Significant potential habitat loss and mitigation

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Qualitative screening criteria

QUALITATIVE CRITERIA			
Equity	Qualitative assessment of social equity needs	high	Good access provided to low-income and minority communities
		medium	Moderate access provided to low-income and minority communities – no change in riders per acre
		low	Poor access provided to low-income and minority communities
Connectivity and System *	Qualitative assessment of intermodal connectivity, maintenance yard site or other transit system needs.	high	Strong connectivity and/or system benefits
		medium	Moderate connectivity and/or system benefits
		low	Poor connectivity, and/or system benefits
Congestion	Assessment of ability to address congestion	high	Significant congestion
		medium	Moderate congestion
		low	Minimal congestion

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Discussion

