



# ALL HANDS ON DECK

## Regional Collaboration for Increasing Resiliency

**Kim Marousek, AICP**

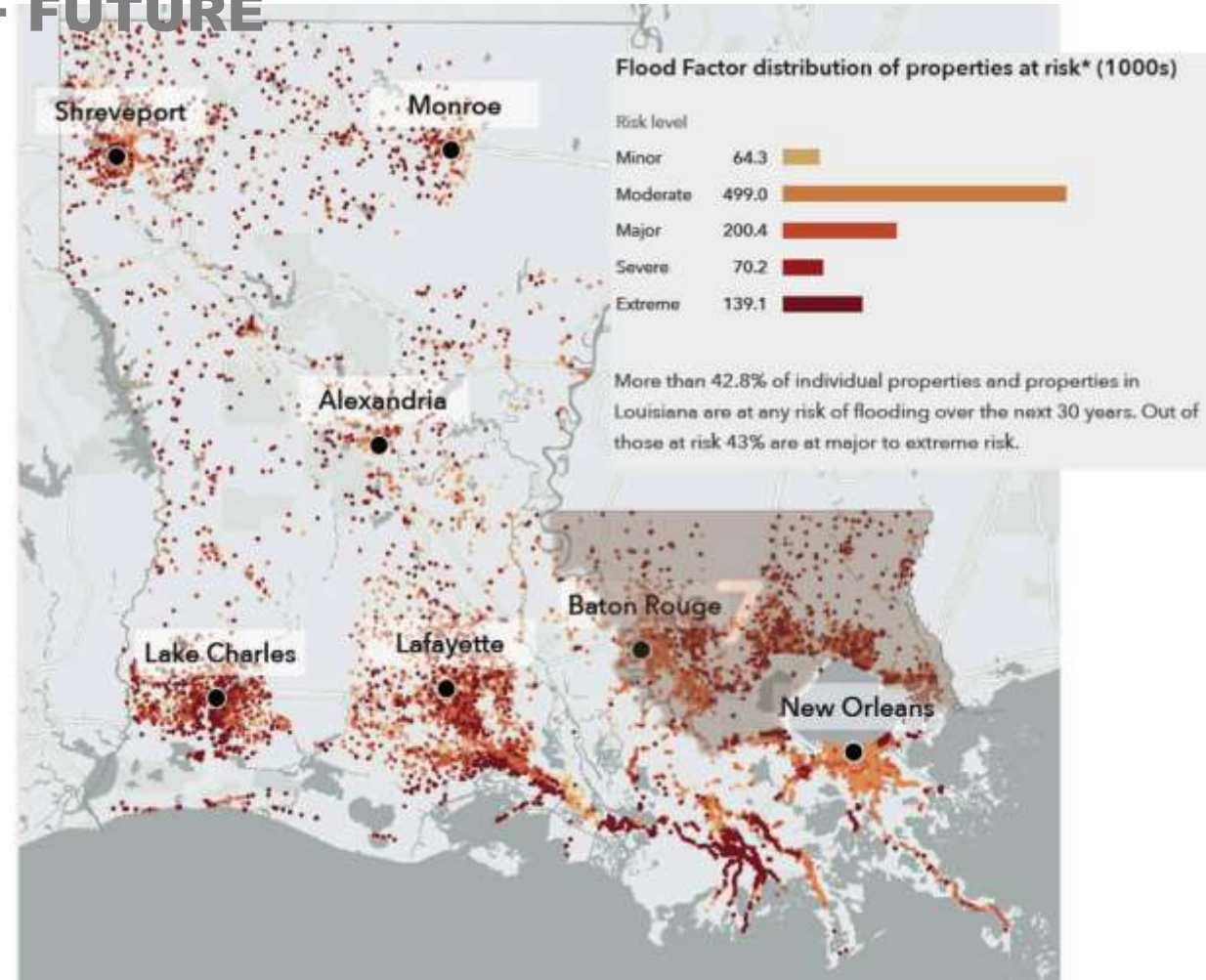
**Capital Region Planning Commission**



# CHALLENGES

## FLOOD RISK – CURRENT + FUTURE

- 56/64 parishes in 2016 had federal disaster declarations as a result of flooding
- Region 7 faces multiple flood risks:
  - Riverine flooding
  - Storm surge flooding
  - High tide flooding
  - Backwater flooding
  - Stormwater and drainage flooding







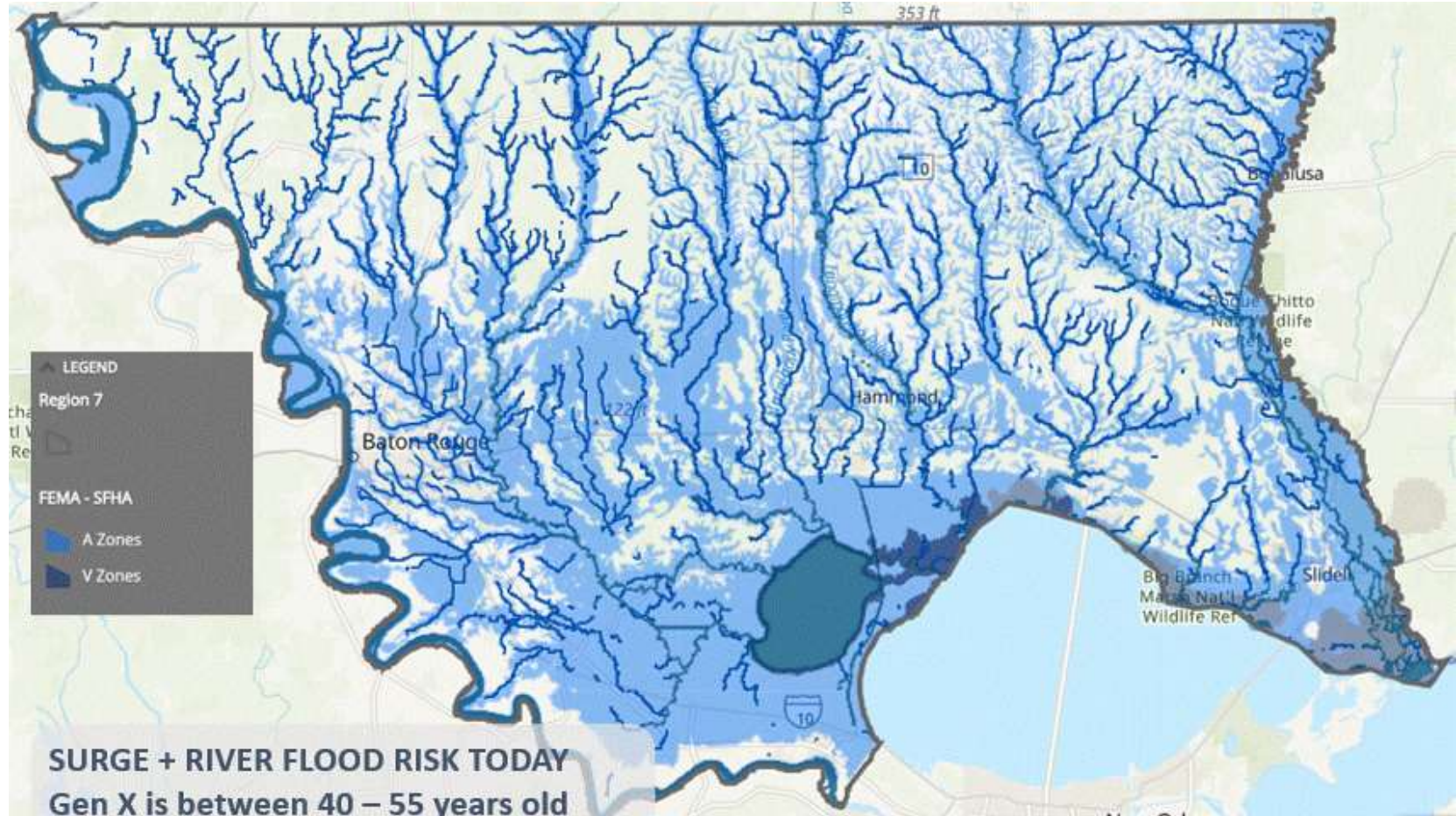
# CHALLENGES

## FLOOD RISK – CURRENT + FUTURE

**Note: this does not include projections based on rainfall data, just surge**

**Sources:**

**CD, CPRA, USGS**



# CHALLENGES

## DISPROPORTIONATE IMPACTS



### FAMILY A SCENARIO

- Elderly couple
- Fixed income
- Differently abled
- No flood insurance



1 year  
post  
event



### FAMILY A OUTCOME

- Living in partially rebuilt house
- Took on additional debt
- Structure does not meet accessibility needs



### FAMILY B SCENARIO

- Dual income, no kids
- Flood insurance
- Job provided leave for recovery



1 year  
post  
event



### FAMILY B SCENARIO

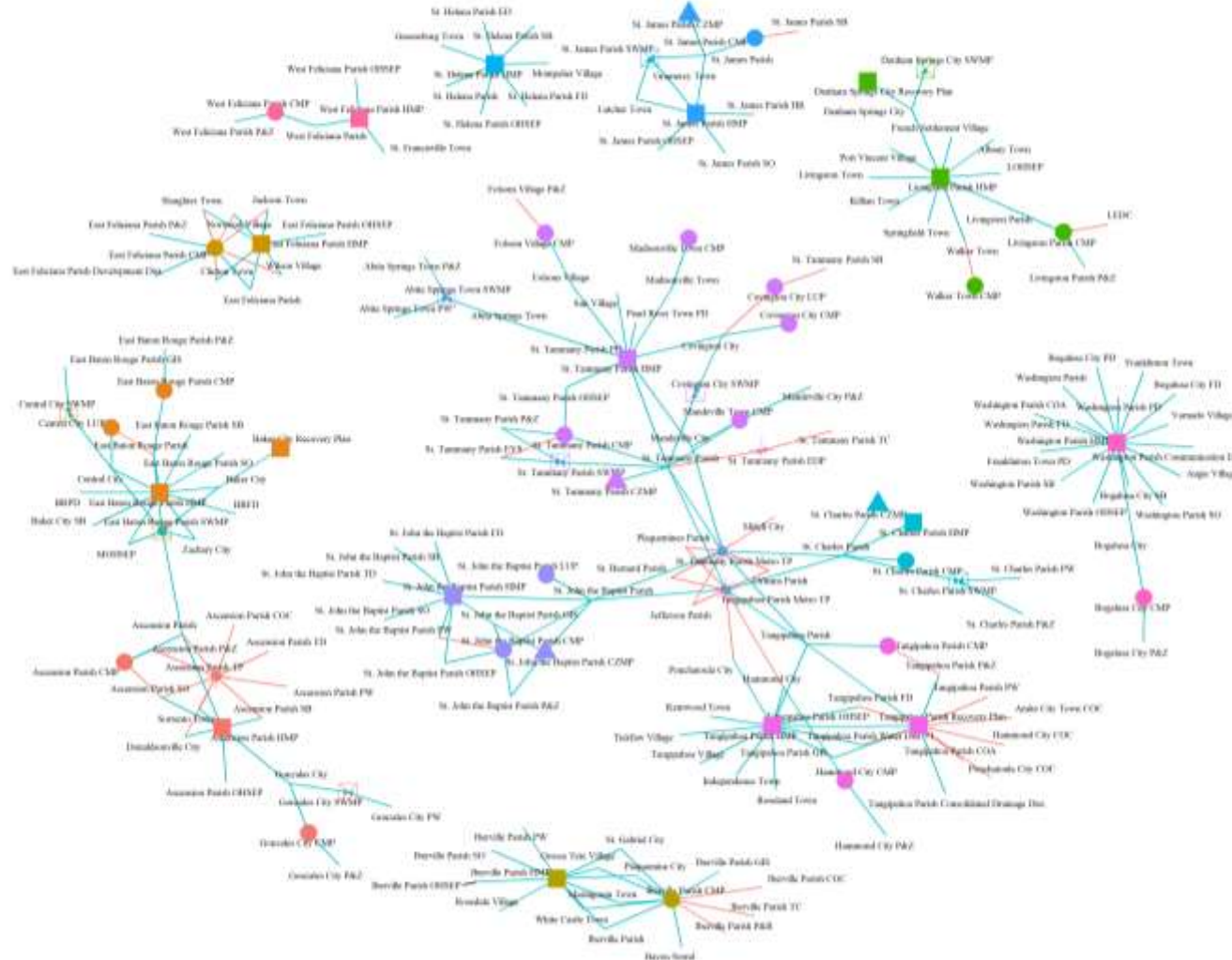
- Home rebuilt within six months
- Navigated admin/legal systems to receive full benefits



# CHALLENGES

## DISCONNECTED NETWORKS

Actor-Plan Participation Network - Local Government Organizations and Plans



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There is no jurisdictional boundary within the state that aligns perfectly with a watershed boundary.

In order to be successful, we have to do this work together.

Source:  
Lindsey Lamana and Dr. Thomas Douthat, LSU





# CHALLENGES

## JURISDICTIONS AT ODDS



**"I don't want to hurt anyone from East Baton Rouge, but in the same token don't hurt our people in Iberville," – Iberville Parish President, The Advocate**



**Bayou Manchac flooding August 16, 2016  
Source: The Advocate, Bill Feig**



**Aquidams placed on Manchac Rd  
ahead of TS Barry  
Source: The Advocate, Johnny  
Manela**



# LINKING TO CEDS

## ECONOMY + ENVIRONMENT + EQUITY

Goal 2: Enhance regional collaboration, participating in regional planning of watershed management, hazard mitigation, and emergency/business preparedness and continuity to support economic resilience and speed recovery after natural disasters.

### OBJECTIVES:

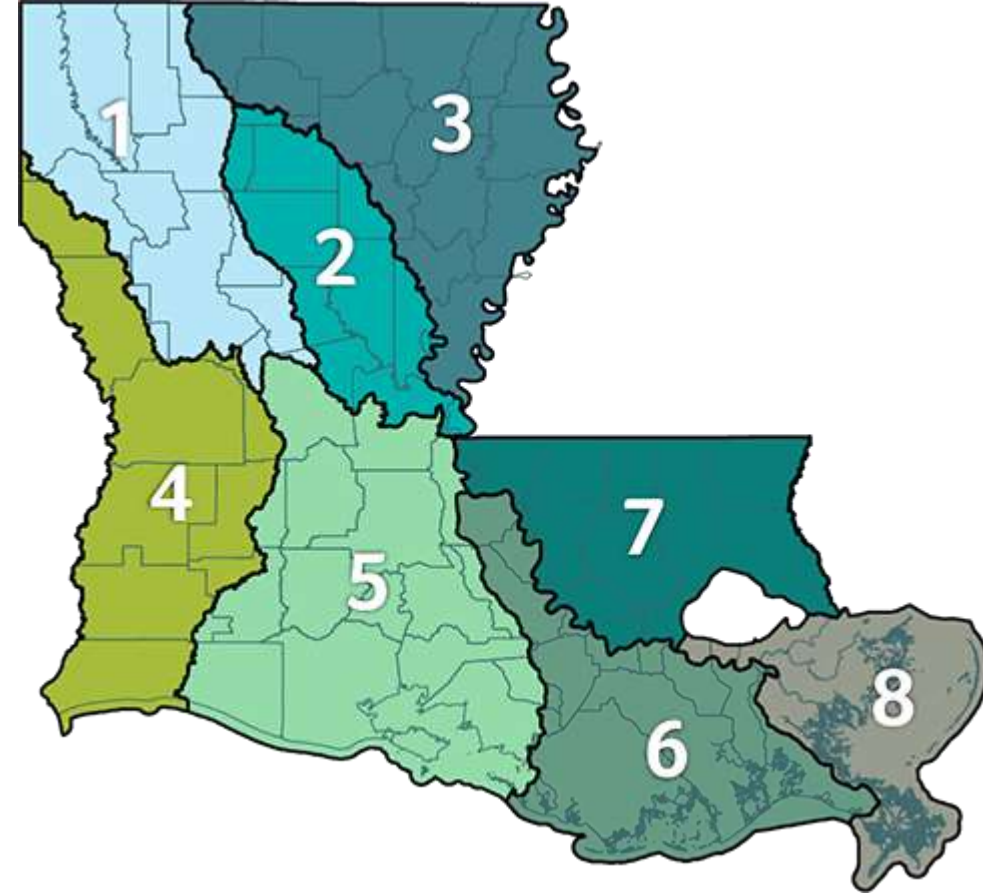
- **WATERSHED PLANNING:** Work within Louisiana Watershed Initiative framework to promote statewide and local interoperable capabilities.
- **RESILIENCE:** Build regional and local capacity to respond and recover from natural disasters and training in resilient land use and transportation planning.
- **RESOURCES:** Continue to work with and promote the outputs from the LSU Stevenson Disaster Planning Center and the University of Louisiana at Lafayette Business Disaster Center.
- **SUPPLY CHAINS:** Continue to work with the Louisiana Supply Chain and Transportation Council to facilitate more efficient freight flows; Continue to facilitate development of Freight/Volpe Partnership planning and modeling for the sugar industry supply chains.
- **DATA AND COORDINATION:** Cooperate with University Center (Southern), LSBDC, and SBDC (Southeastern) in developing data platforms to aid business continuity planning.



# OPPORTUNITY

## LOUISIANA WATERSHED INITIATIVE

- Address flooding through efforts at the state and regional level
- The state has received \$1.2B in HUD CDBG-MIT funds to support this work
- Some items LWI is focusing on:
  - Development of watershed coalitions
  - Increasing capacity
  - Developing flood models
  - Identifying, and funding, projects and programs in each region
- Utilizing the best available science, data, planning, and policy







# LOUISIANA WATERSHED INITIATIVE

## LWI COUNCIL & GUIDING PRINCIPLES

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REGIONAL WATER MANAGEMENT

SCIENTIFIC TOOLS AND APPROACHES

MAXIMIZING NATURAL FUNCTIONS OF FLOODPLAINS

TRANSPARENT AND OBJECTIVE DECISION MAKING

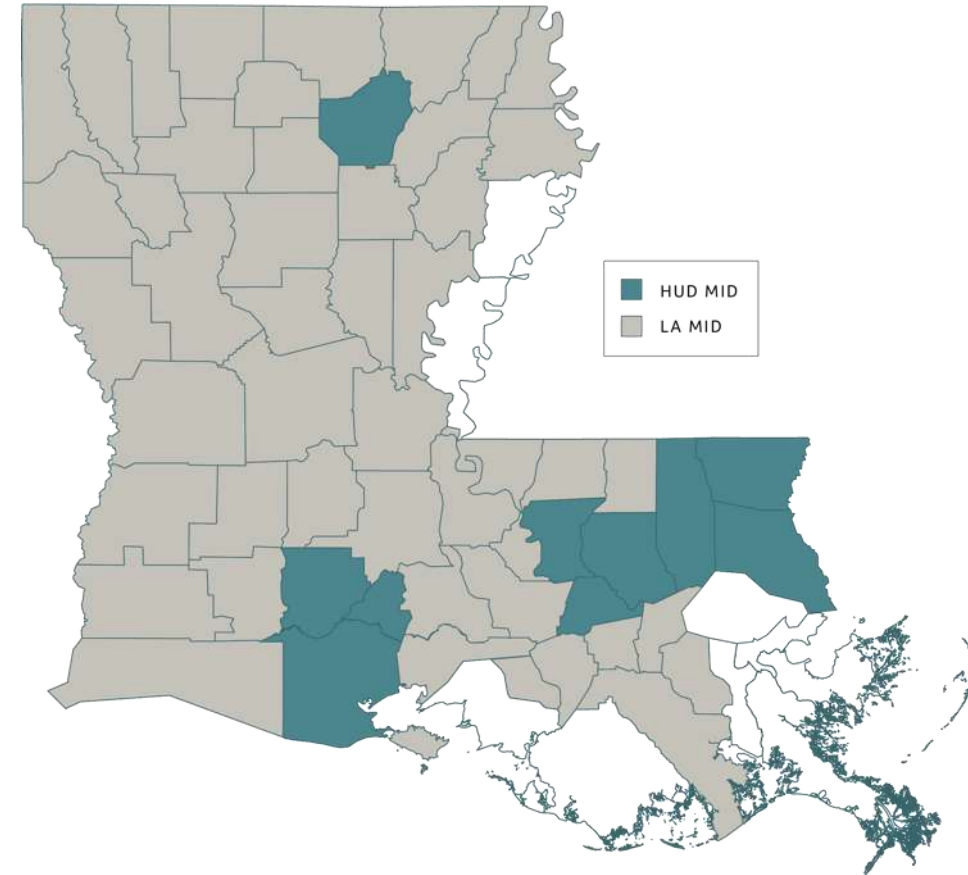


# LOUISIANA WATERSHED INITIATIVE

## CDBG-MIT LOCATION REQUIREMENTS

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- HUD identified 10 MIDs: Acadia, Ascension, East Baton Rouge, Lafayette, Livingston, Ouachita, St. Tammany, Tangipahoa, Vermilion and Washington parishes.
- Louisiana identified an additional 46 MID parishes in its Action Plan, which HUD approved.
- At least \$607 million (50% of CDBG-MIT funds) must be spent in or benefit HUD MID areas.
- The remaining funds must be spent in or benefit LA MID areas.

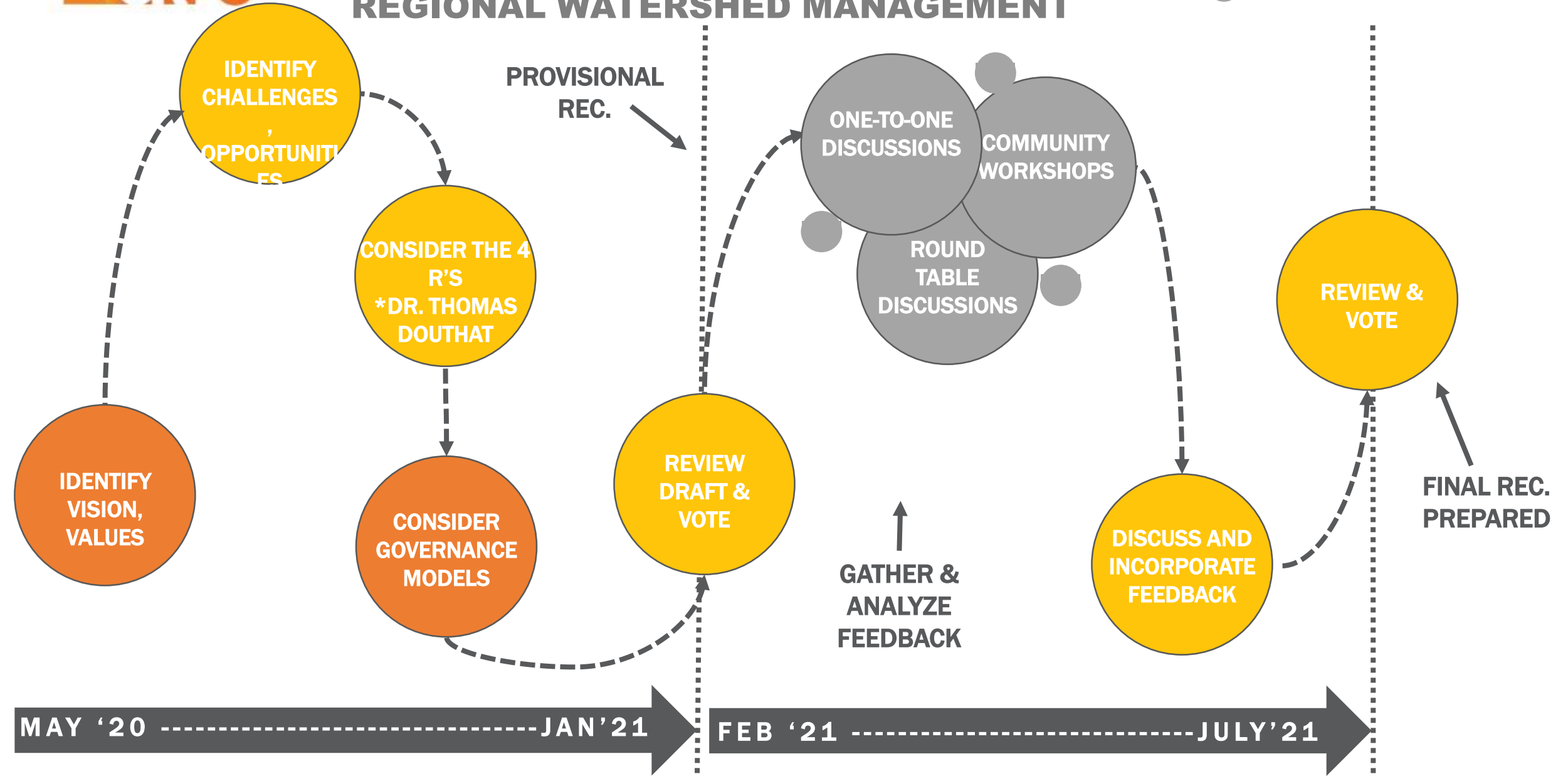




# OPPORTUNITY

## REGIONAL WATERSHED MANAGEMENT

- Region-wide workshop
- Steering committee, public meeting
- Feedback (O&E)



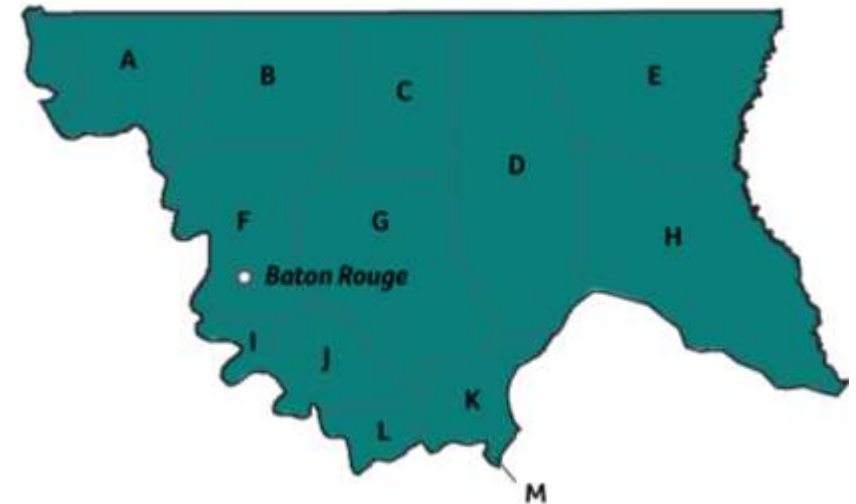




# OPPORTUNITY

## REGIONAL GOVERNANCE RECOMMENDATION

- Staffed by CRPC
- Focus on technical assistance, capacity building, networking space
- Requested authorities:
  - Provide support for projects, data and information, planning, outreach and engagement and programs as determined by the region and/or state
  - Cooperate or contract with other government agencies
  - Manage and facilitate regional planning processes
  - Receive, manage and distribute funds from government, private or nonprofit sources, including the authority to set policies for consistency on how funds will be distributed



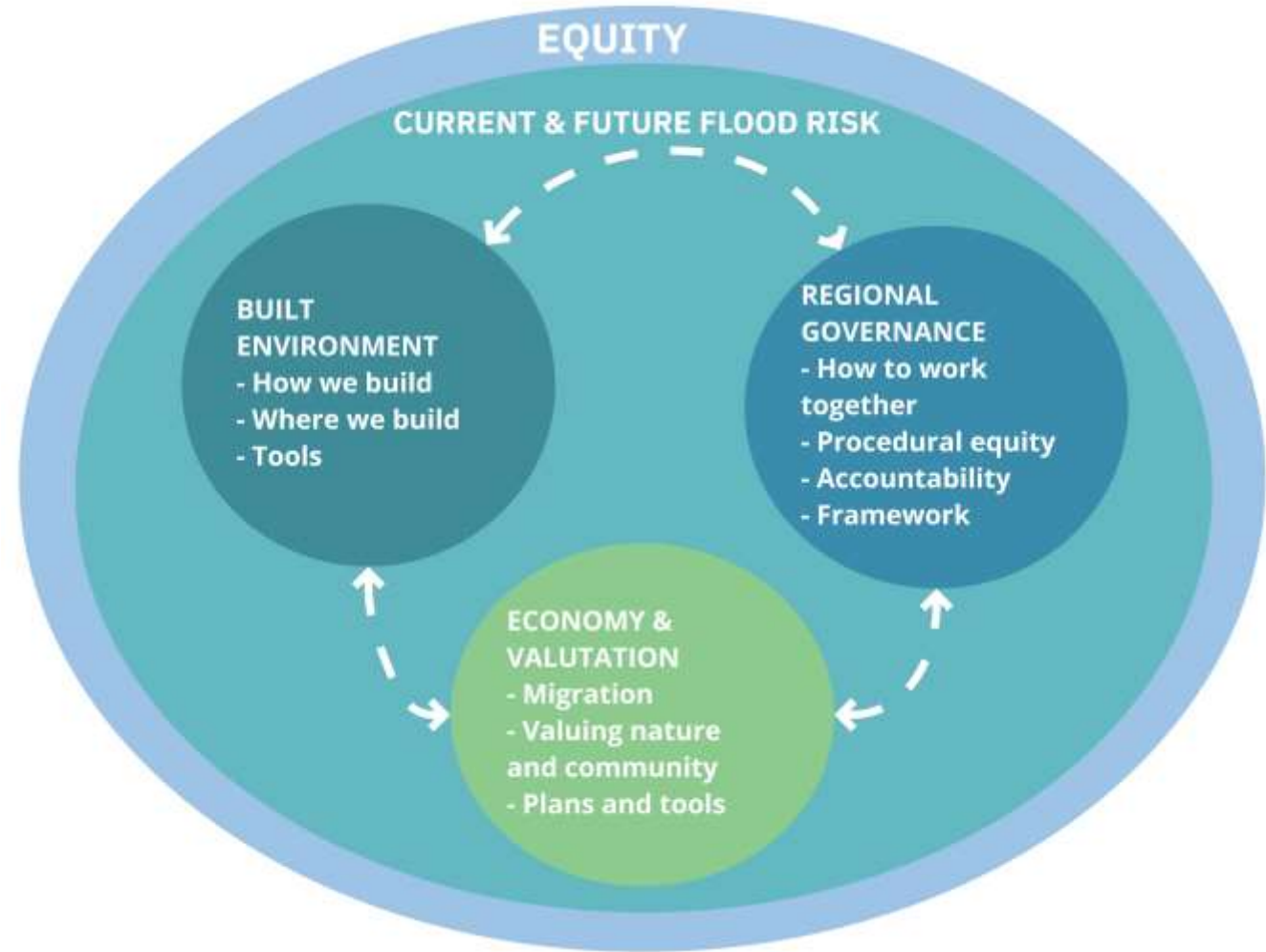


# OPPORTUNITY

## PARTNER WORK

- All have aspects of research and development of tools, frameworks, and/or plans that support the region

***The work is building towards the development of a governance structure, regional watershed planning process, and programming that supports capacity building and technical assistance across the region***





# PARTNER WORK

## INCORPORATION OF LIVED EXPERIENCE

PEOPLE WITH LIVED EXPERIENCE



DO WORK INFORMED BY



DONE THROUGH

PEOPLE WITH DEGREES

INFORM

TRANSFORMATIONAL RELATIONSHIPS, NOT BASED ON TRANSACTION

TO CREATE



SHARED UNDERSTANDINGS, STRATEGIC SOLUTIONS ROOTED IN CO-DESIGN METHODS LED BY THOSE MOST IMPACTED

This is where all of our partner work starts

Connecting lived experience to people with capacity to create shared understandings and co-designed work

When we don't live in the communities we're working in, it is our responsibility to consult with the experts – the people who live there.

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# PARTNER WORK

## BIG CHALLENGES = BIG TEAMS

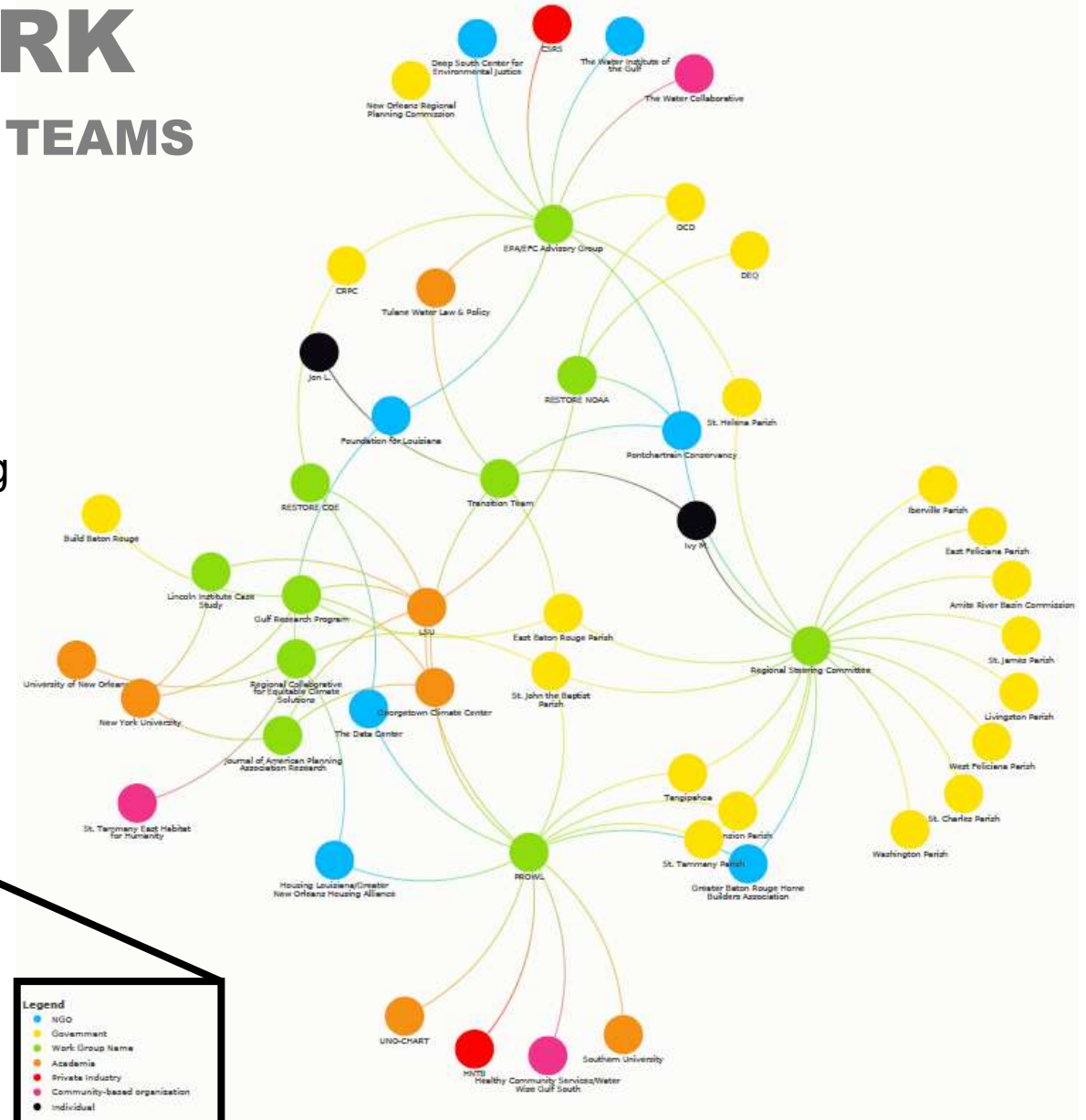
- Over \$1M leveraged in partnership work since October 2020.
- Relationships between over 45 entities, 75 individuals, even more when including workshops
- Mix of technical assistance, capacity building, research, working groups
- All to the benefit of the RSC and region as a whole

**Legend**

- NGO
- Government
- Work Group Name
- Academia
- Private Industry
- Community-based organization
- Individual

**Legend**

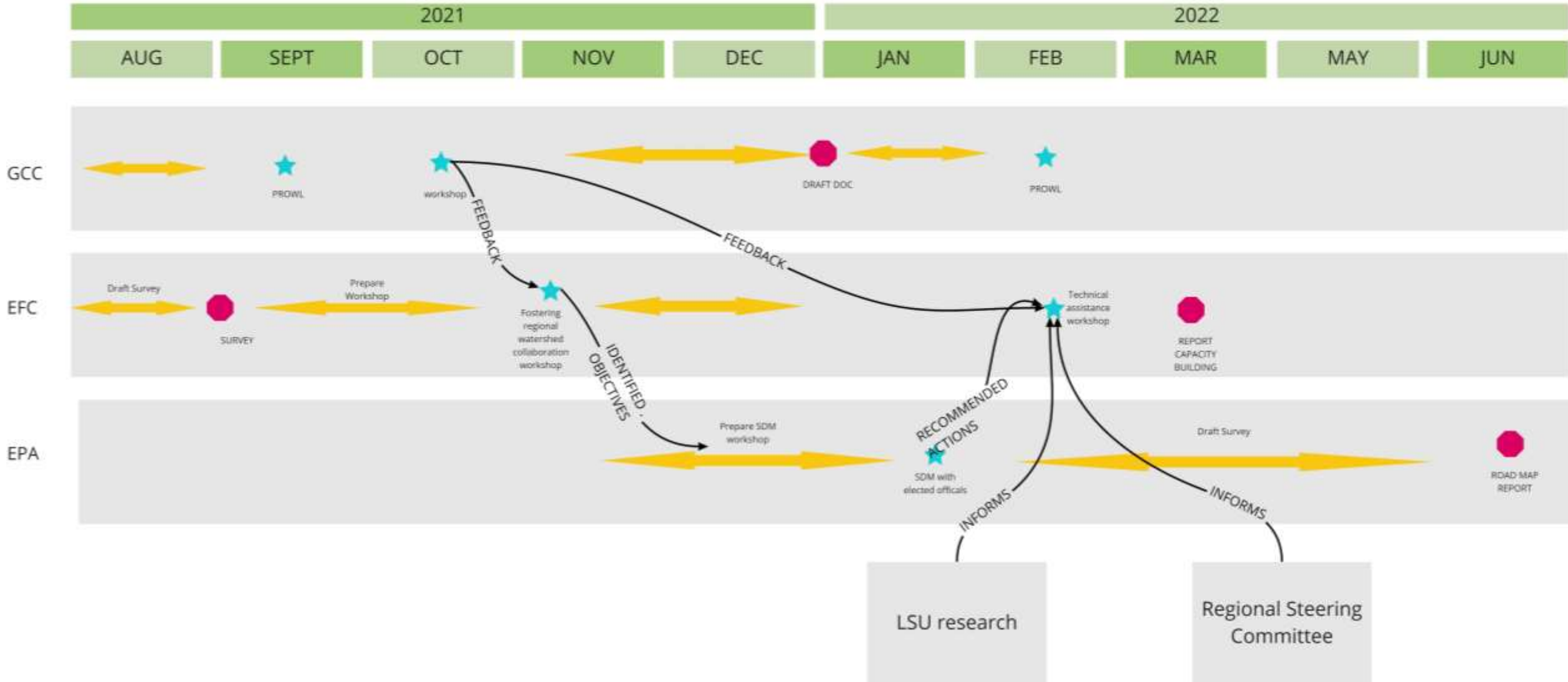
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# PARTNER WORK

## BUILT ENVIRONMENT WORK + INTEGRATION





# Thank you!

**Kim Marousek, Director of Planning**

**[kmarousek@crpcla.org](mailto:kmarousek@crpcla.org)**

**Rachelle Sanderson,**

**Region 7 Watershed Coordinator**

**[rsanderson@crpcla.org](mailto:rsanderson@crpcla.org)**

**Region 7 website: <https://crpcla.org/about>**

**LWI website: <https://watershed.la.gov/>**