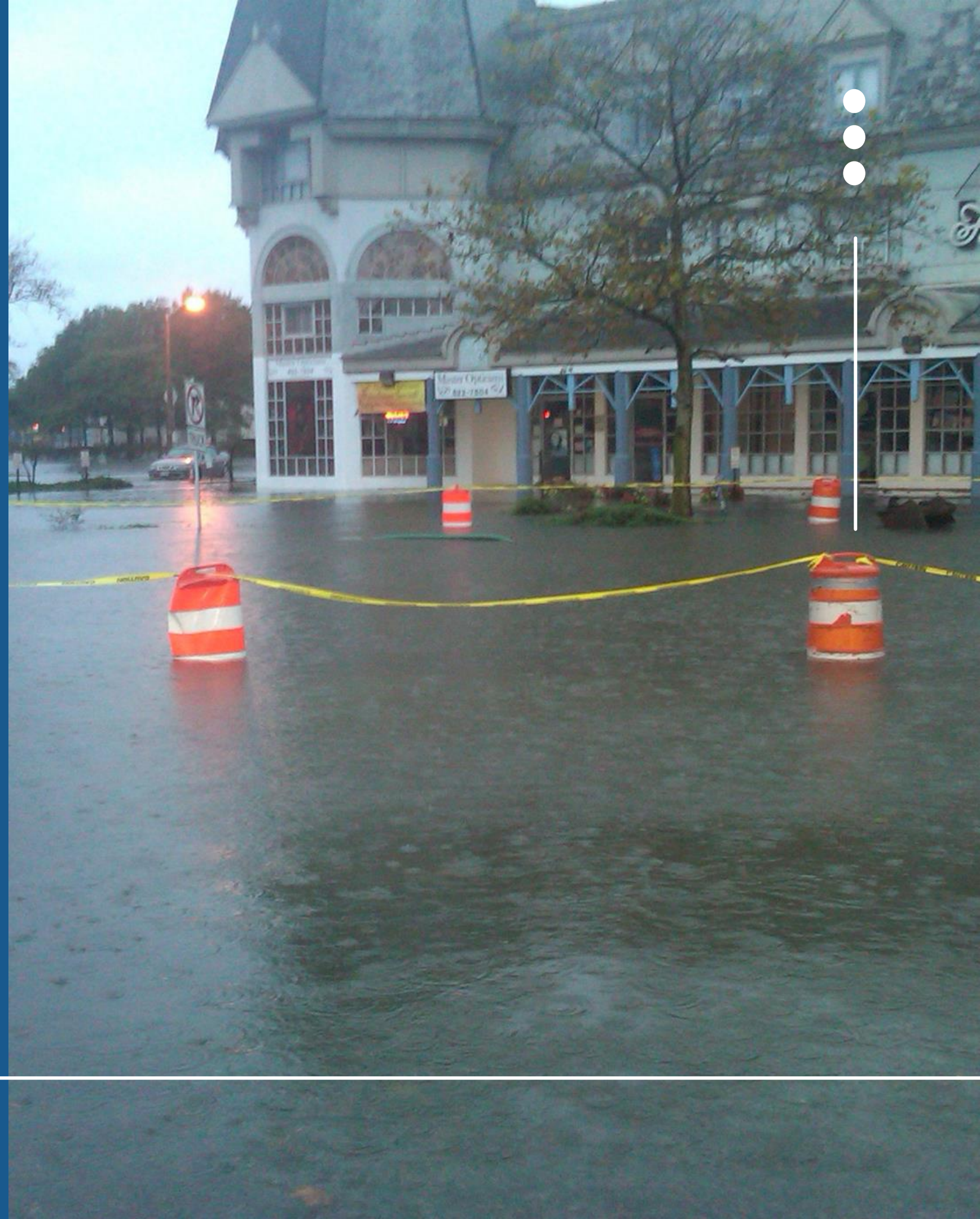


USACE 3x3x3 Studies

Hampton Roads Planning District Commission
November 17, 2022



What is a 3x3x3 Study?

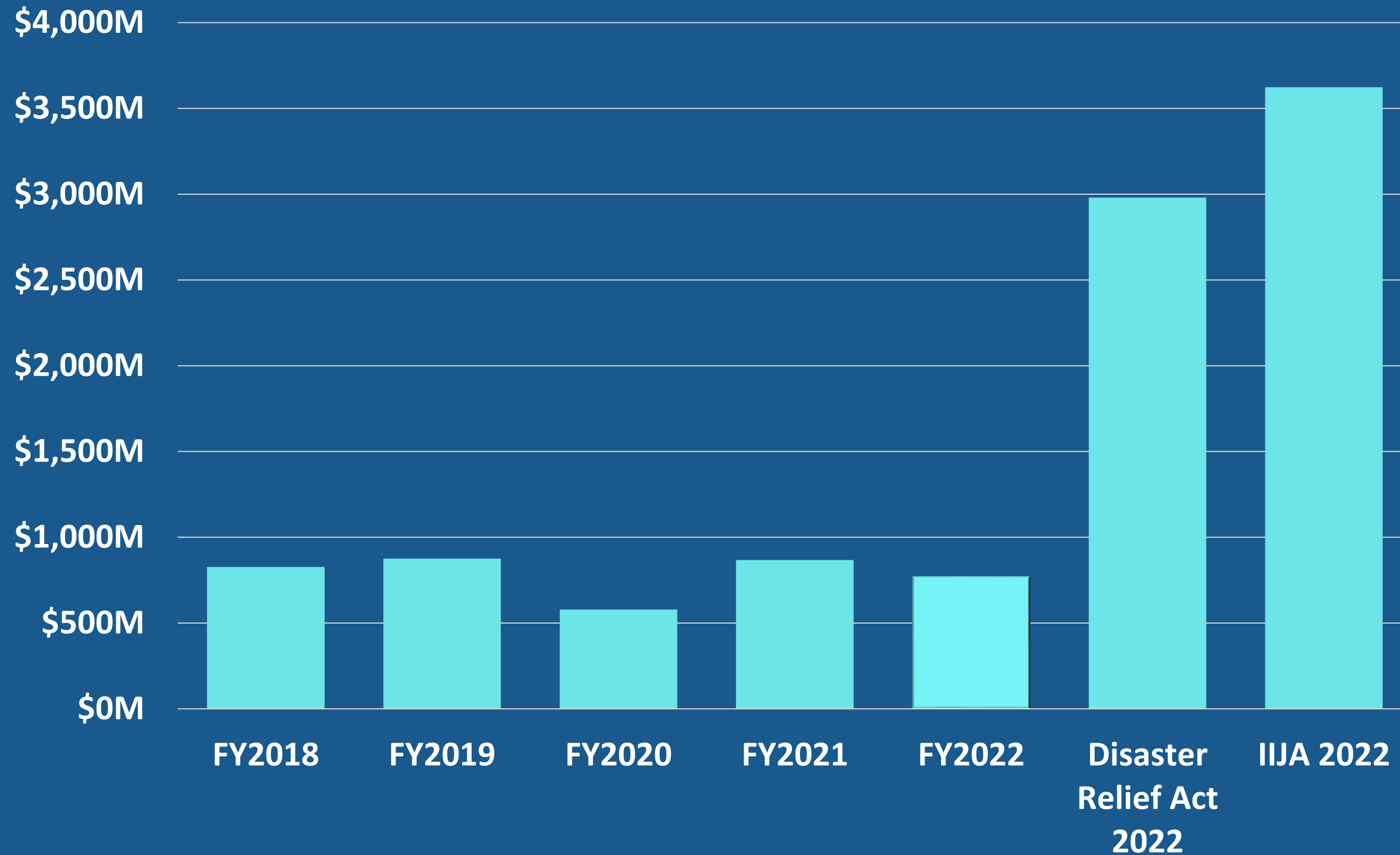
- A feasibility or "3x3x3" study is how the USACE identifies water resources projects for construction.
- 3x3x3 model
 - 3 years to complete
 - \$3 million cap on total project budget
 - 3 levels of USACE coordination - district, division, and headquarters
- The result of a feasibility study is a Chief's Report, which is then used by Congress to determine which projects to authorize.

Why is this important?

Without feasibility studies, projects are not eligible for USACE construction funding.

How much money are we talking about?

Flood Damage Reduction Construction Funding



Where are we in Hampton Roads?

Coastal
Virginia



Authorization

Virginia
Beach



Feasibility Study

Norfolk



**Preliminary Engineering
and Design**



Construction

New Studies Aren't Easy to Get

- Studies and projects must be authorized by Congress and included in the work plan as "new starts" to get underway.
- New starts are capped by law:
 - FY20 - 6 investigations and 6 construction projects
 - FY21 - 9 investigations and 7 construction projects
 - FY22 - 21 investigations and 5 construction projects

The Price Tag

Multiple billions will be needed for construction in Hampton Roads.

- Norfolk 3x3x3 Study: \$1.8 billion
- Virginia Beach Flood Protection Program: ~\$560 million
- HRGEO.org Regional Resilience Proposed Projects: \$4.8 billion

For reference, the Community Flood Preparedness Fund has received ~\$200 million allocated to date.

Are we ready for this?

Nonfederal match for investigations is 50%.

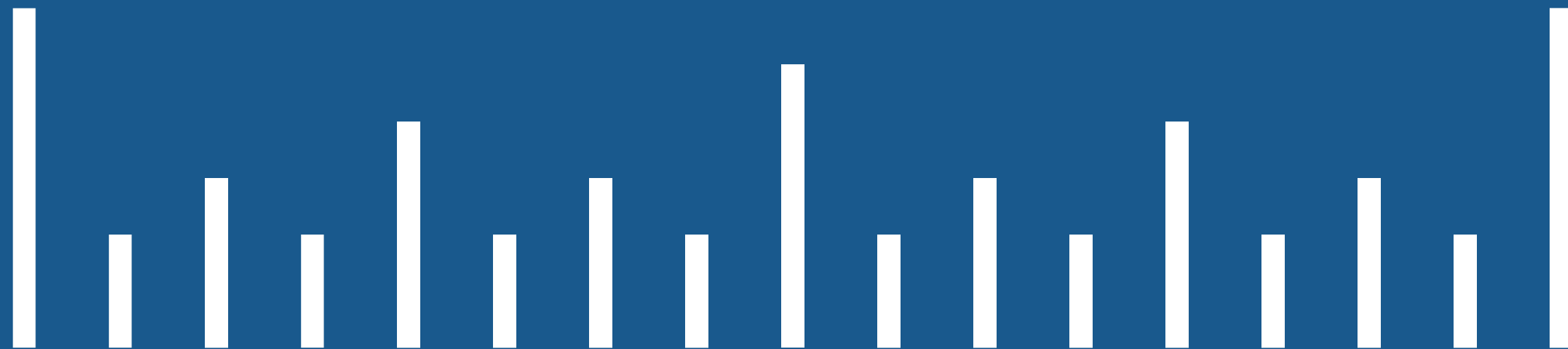
Nonfederal match for construction is 35%.

Are we ready for this?

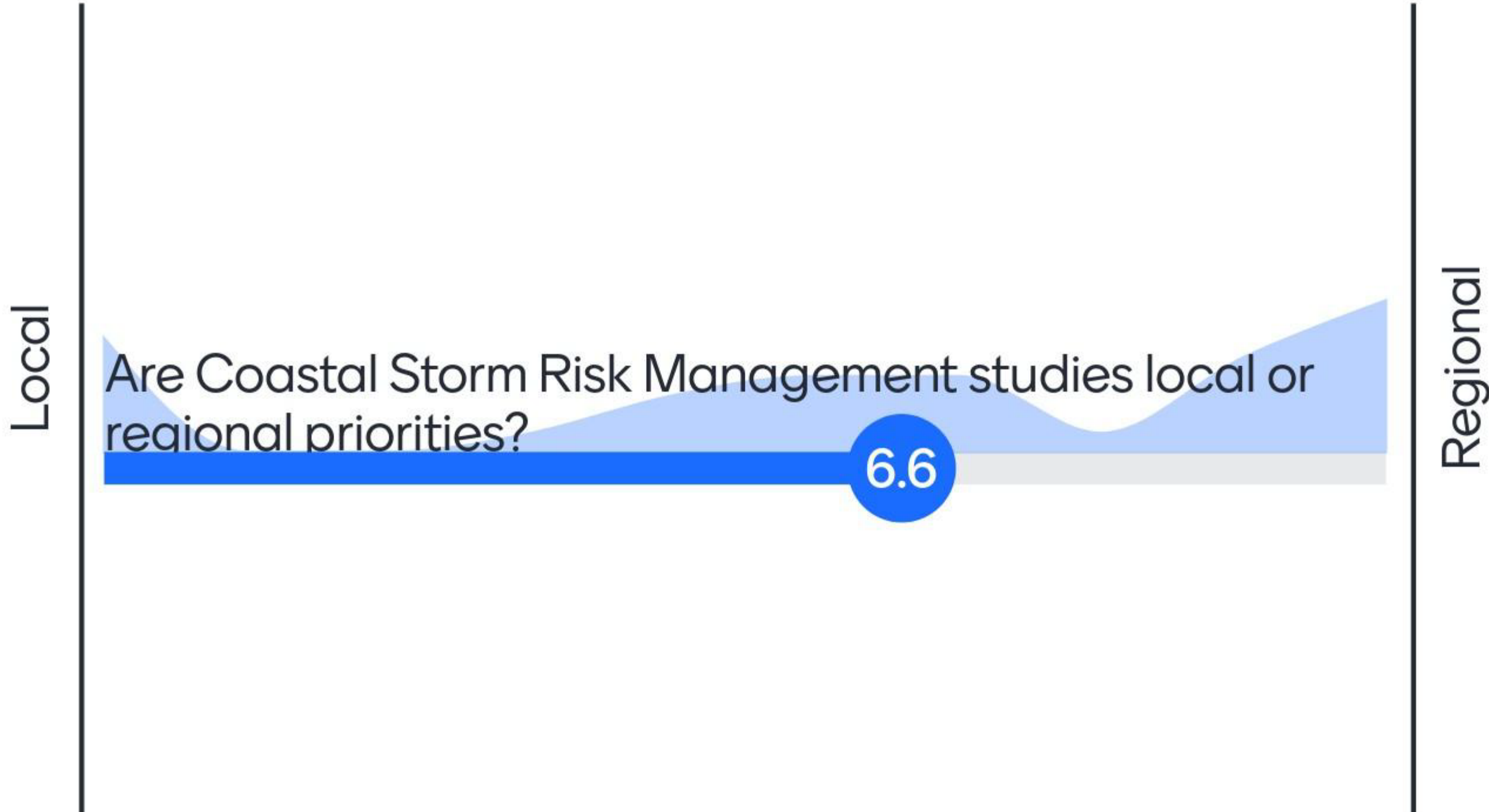
Do you have matching funds? If not, where should the money come from?

On a scale of 1 to 10...

**Are 3x3x3 studies local or regional priorities?
(1 being entirely local, 10 being entirely regional)**



On a scale of 1 to 10...



Potential Regional Priorities

- New start for a Peninsula 3x3x3 Study
- State funding to help with nonfederal match
 - More funding overall
 - Changes to Community Flood Preparedness Fund to prioritize funding for USACE projects