



**NOAA**  
**FISHERIES**

# Development of a Charter For-hire Electronic Reporting Program in the Gulf of Mexico and South Atlantic

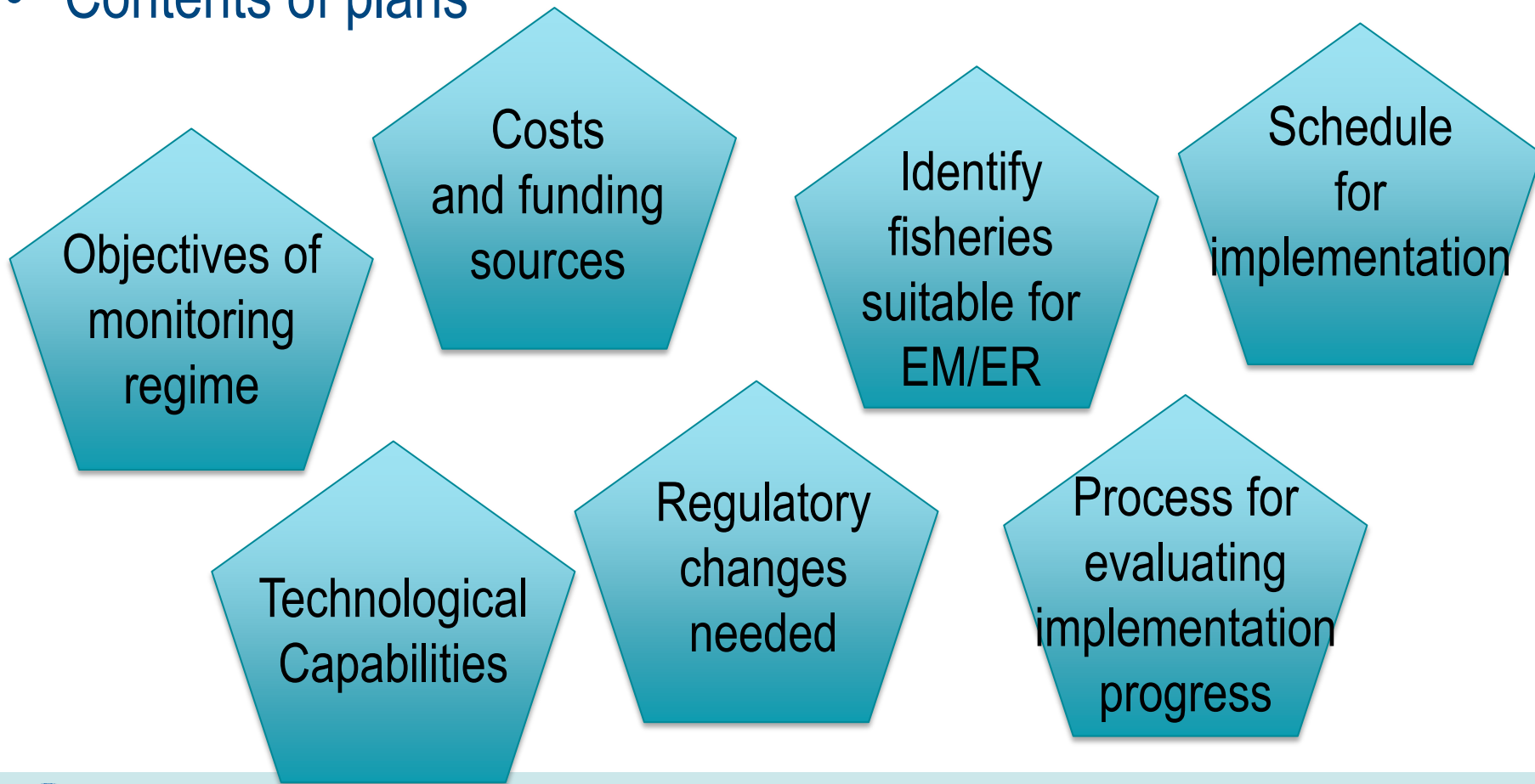


Baton Rouge, LA

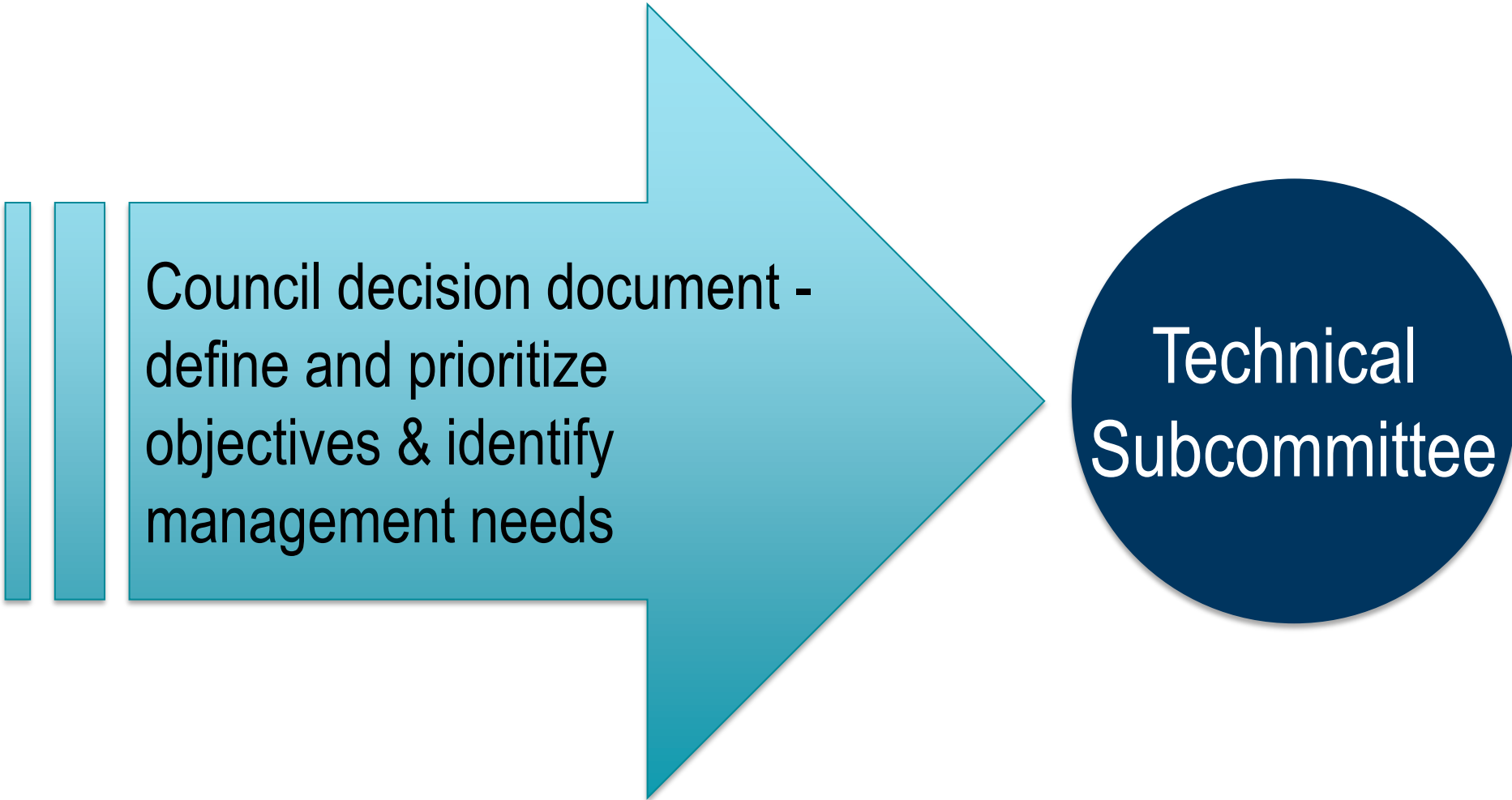
April 7-10, 2014

# Regional Implementation Plans

- Complete by end of year for each region (S. Atl, Gulf, Carib.)
- Contents of plans



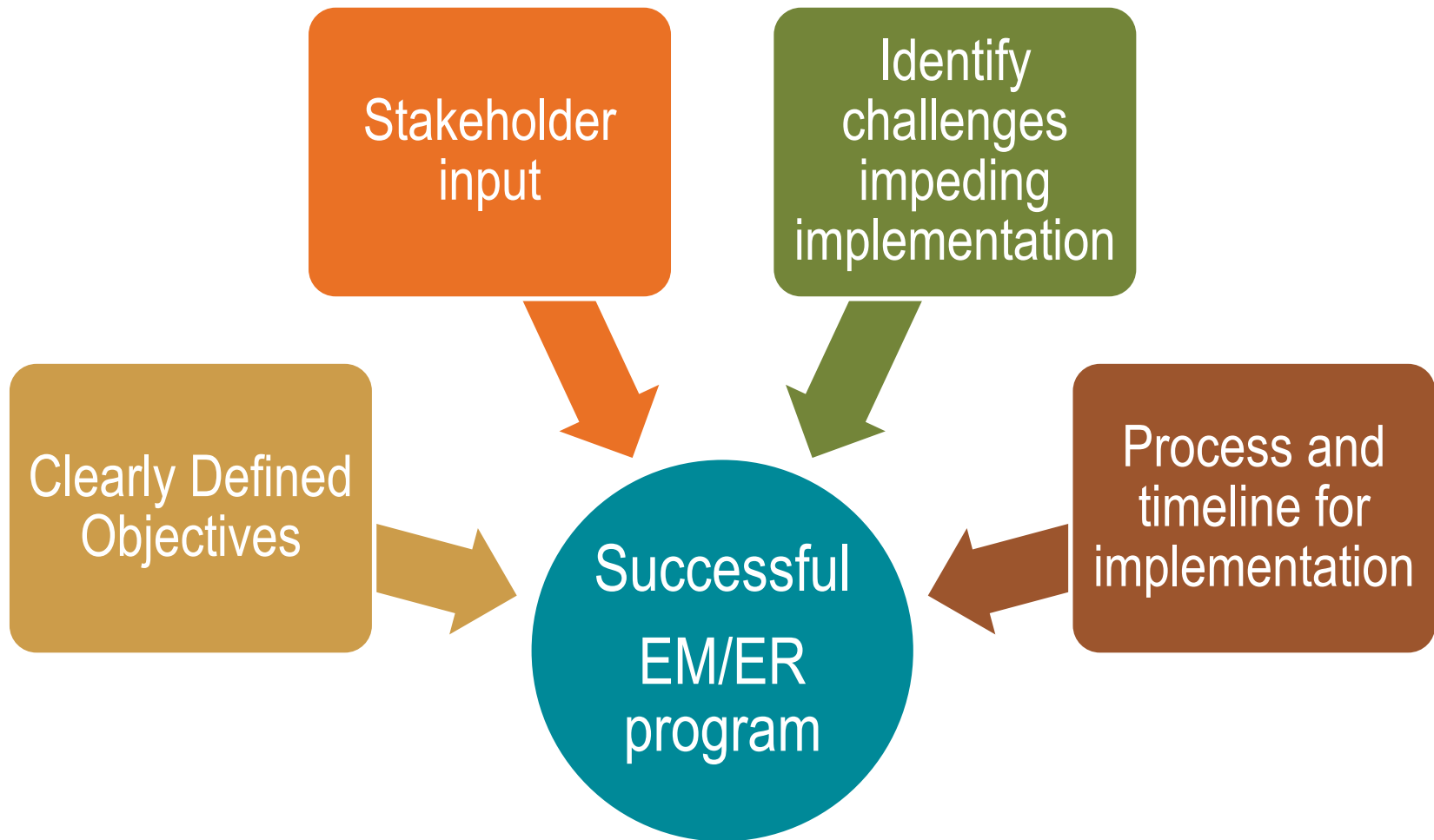
# Purpose of White Paper



Council decision document -  
define and prioritize  
objectives & identify  
management needs

Technical  
Subcommittee

# Successful EM/ER Implementation



# Council's Objectives?

Data  
Timeliness



Increased  
stakeholder  
trust and  
buy-in



Catch histories



Increase Temporal/Spatial  
Precision of Estimates

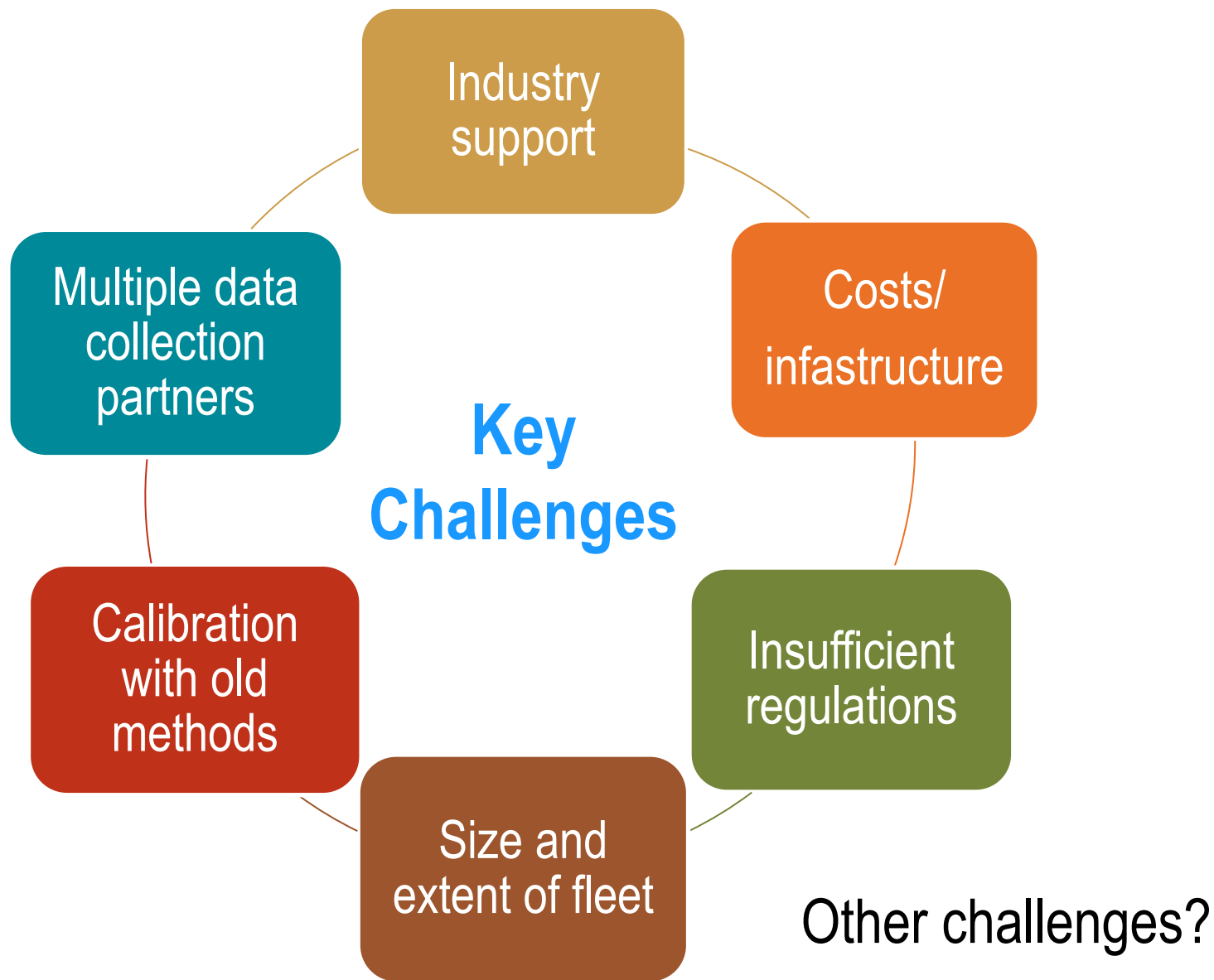


Reduce  
bias

Other objectives?

# Council's Objectives?

- What is the Council's primary objective and how are the other objectives prioritized?
- What are the Council's objectives for managing the recreational sector?
  - Stable seasons
  - In-season quota monitoring



# Needed Regulatory Changes

- Method of reporting: paper-based → electronic
- Standardize regulations as needed
  - Timeliness
  - Reporting methods
- Regulations for reporting delinquency
- Catastrophic conditions - paper-based reporting




# Importance of Statistically Valid Approaches

- NMFS required to use best available science
- Data must be unbiased
- Calibration/consistency with historic time series
- Surveys should be statistically and scientifically certified

# Survey Approaches

Attribute	Mandatory Logbooks	Sample Surveys	Panel Surveys
Start up time	Very long	Short	Very long
Precision	n/a if 100% census; expansions <100%	Measureable; varies by species	Measureable; varies by species
Potential Sources of Bias	Non-compliance Inaccurate reports Recall bias	Non-response Inaccurate reports Recall bias	Attrition Inaccurate reports Recall bias
Catch history	Yes	No	No
Timeliness	Daily/weekly	Depends on design	Daily/weekly
Relative costs	Higher	Lower, but depend on design	Undetermined
Reporting burden	High	Lower	High if selected


# Next Steps

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- Define objectives

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- Begin development of FMPs to authorize EM/ER

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- Convene Tech. Subcommittee

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- Regular updates to Council of Subcommittee progress

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- Develop project management plan including timeline for development and implementation

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- Tech. Subcommittee recommendations - Dec 1, 2014

# Questions?

