



Delta RMP Steering Committee Co-Chairs:

Linda Dorn, Sacramento Regional San

Adam Laputz, Central Valley Water Board

Delta Science Program Independent Review

Delta Regional Monitoring Program

August 23, 2016

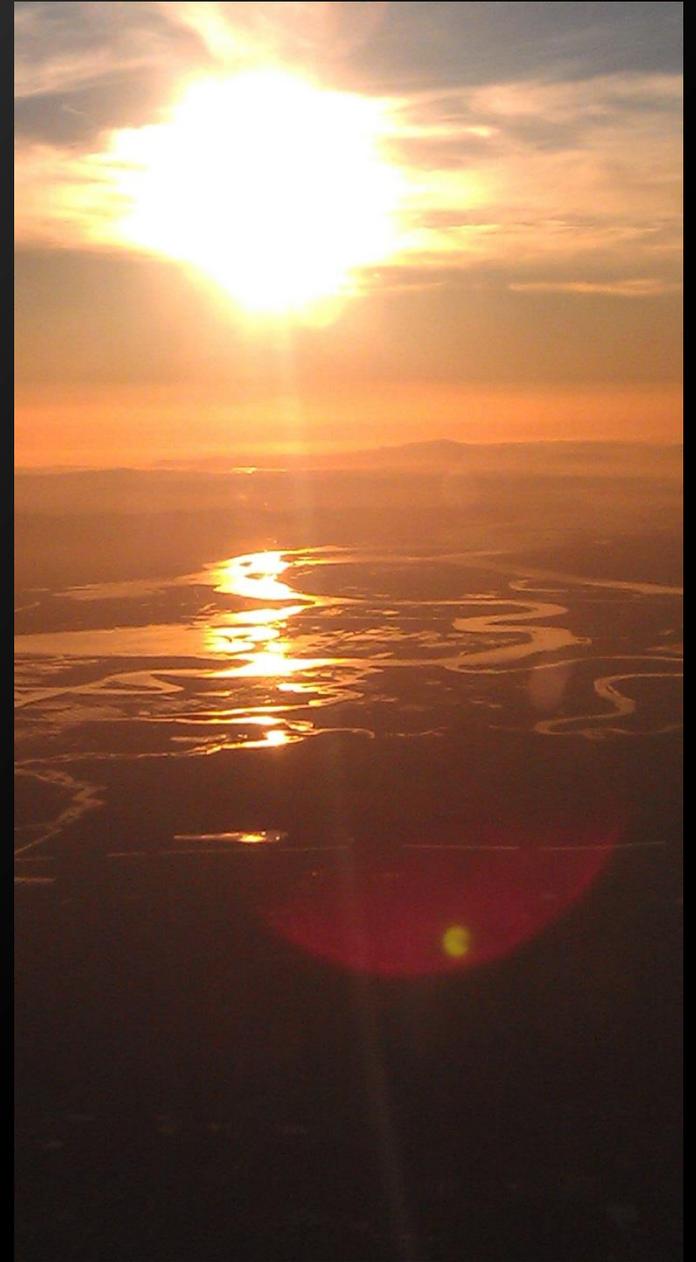
Outline

- ① **Background**
- ② **Governance**
- ③ **Prioritization**
- ④ **Future Plans**

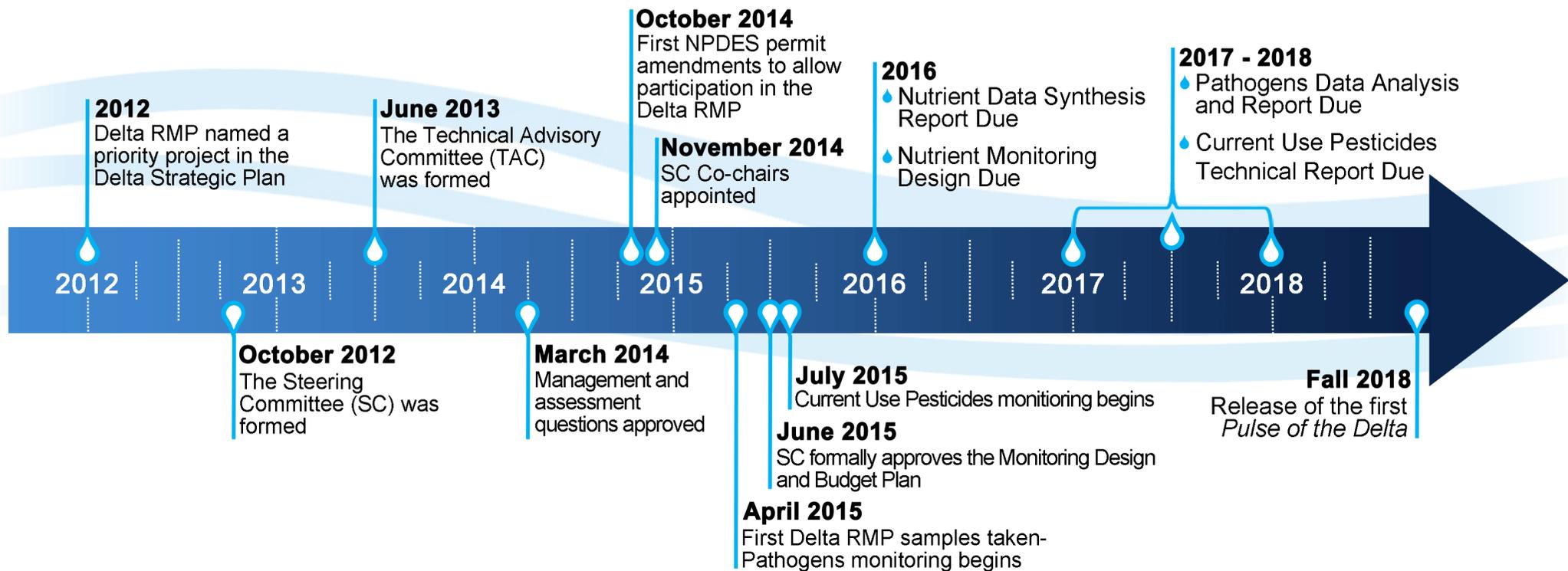


RMP Mission

To inform decisions on how to protect, and where necessary, restore beneficial uses of water in the Delta, by producing objective and cost-effective scientific information critical to understanding regional water quality conditions and trends



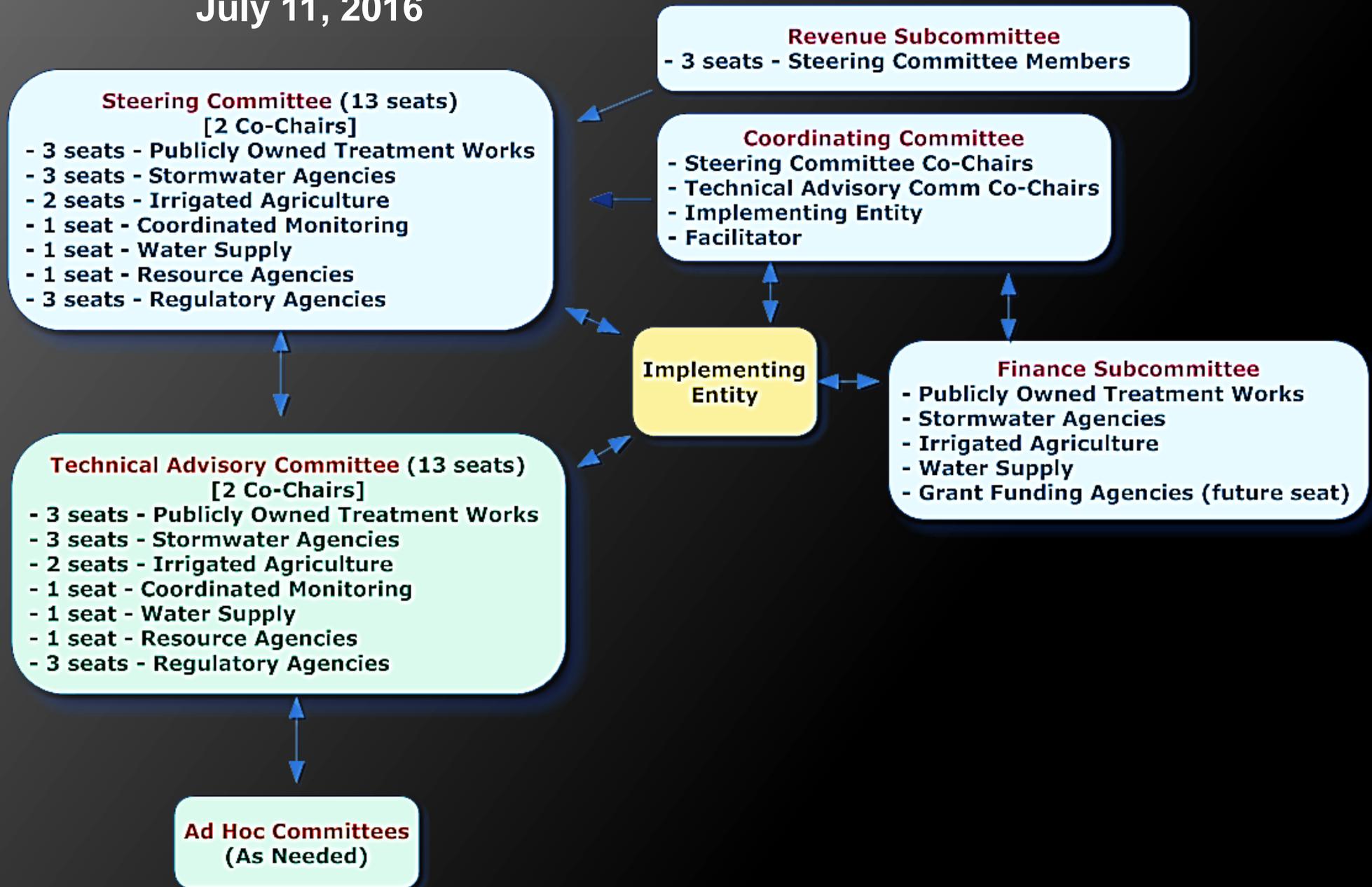
EVENT TIMELINE



Governance

- **Guiding Principles - January 2014**
- **Committee Roles - March 2015**
- **Financial Management Plan - March 2015**
- **Adequate Participation - December 2015**
- **Communication Plan - December 2015**
- **Charter - July 2016**

Delta Regional Monitoring Program Organizational Structure July 11, 2016



Communications Plan

Data and Reporting

Deliverable	Frequency	Release date
<i>Data uploads</i>		
Provisional data (available to TAC members)	Variable	Variable
CD3	Annually	March 1
CEDEN	Annually	March 1
California Estuaries web portal	Annually	March 1
<i>Reports</i>		
Annual Monitoring Reports (including QA report)	Annually	March 1
Technical Reports	Variable	Variable
Pulse of the Delta	Variable	Fall

Prioritization Process

- **Management Questions**
- **Selection of Constituents**
- **Assessment Questions**
- **Budget Constraints**

Management Questions

Priority



- Status & Trends-

Is there a problem or are there signs of a problem?

- Sources, Pathways, Loadings, Processes

Which sources and processes are most important to understand and quantify?

- Forecasting Scenarios

- Effectiveness Tracking

Monitoring Design

➤ Pathogens



➤ Pesticides and Toxicity



➤ Mercury and Methylmercury



➤ Nutrients

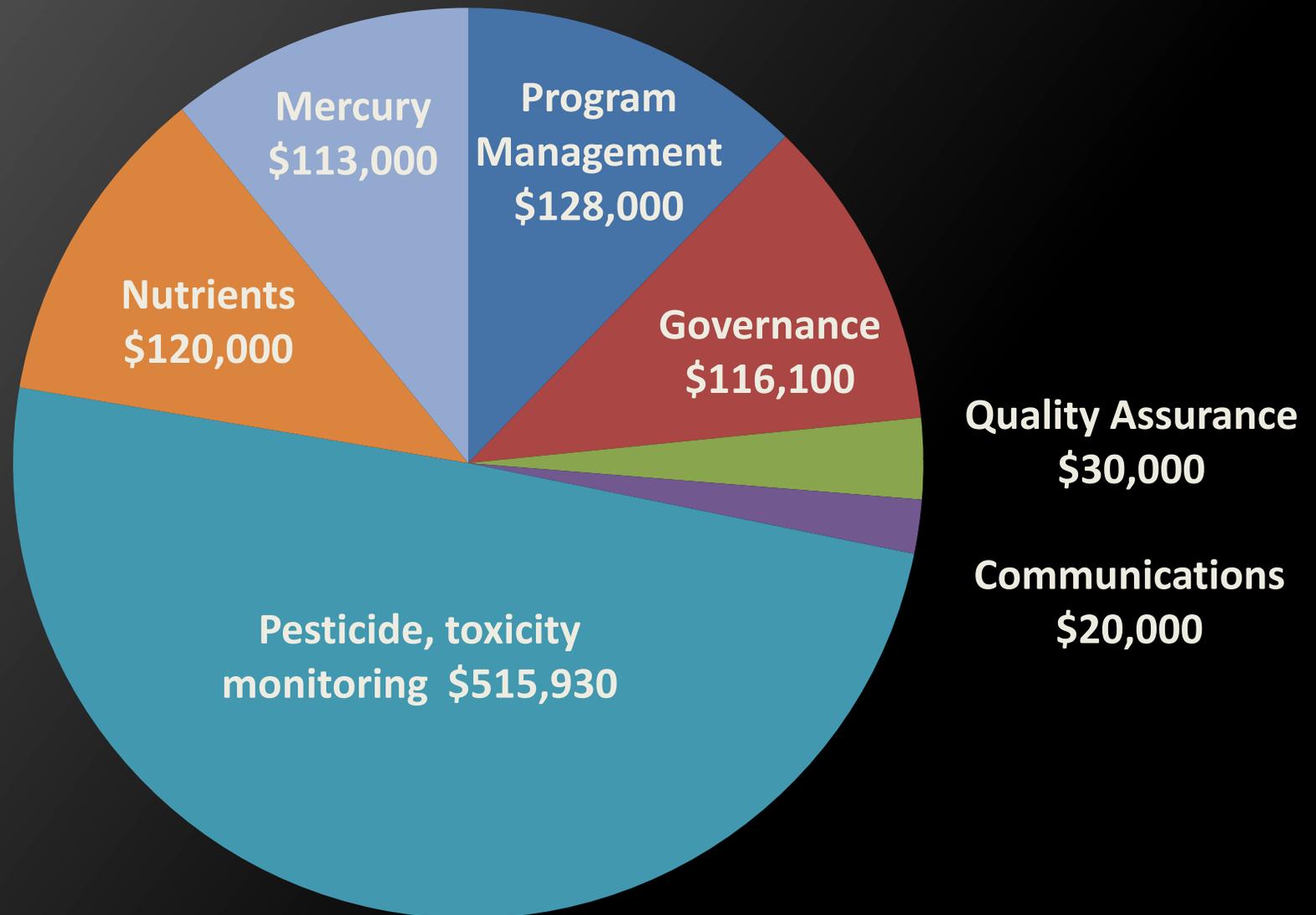


Assessment Questions - Nutrients

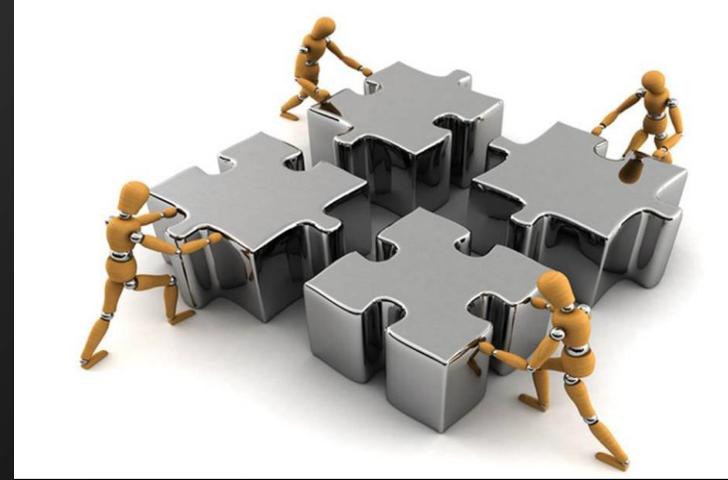
PRIORITY - Status & Trends Management Question

- ⦿ How do concentrations of nutrients (and nutrient-associated parameters) vary spatially and temporally?
- ⦿ Are trends similar or different across subregions of the Delta?
- ⦿ How are ambient levels and trends affected by variability in climate, hydrology, and ecology?
- ⦿ Are there important data gaps associated with particular water bodies within the Delta subregions?

Delta RMP FY16/17 Budget



Future Plans



- ① **Nutrient workshop - Sept 30, 2016**

- Nutrient monitoring

- ① **Annual planning meeting**

- Steering Committee/TAC Fall

- ① **Growing the RMP**

- Coordination - IEP, USGS, DWR, FWS, etc.
- Additional resources- funding, permittee monitoring exchanges, grant opportunities

QUESTIONS?

Linda Dorn
dornl@sacsewer.com
916-876-6030

Adam Laputz
adam.Laputz@waterboards.ca.gov
916-464-4726

www.waterboards.ca.gov/centralvalley/water_issues/delta_water_quality/delta_regional_monitoring/index.shtml