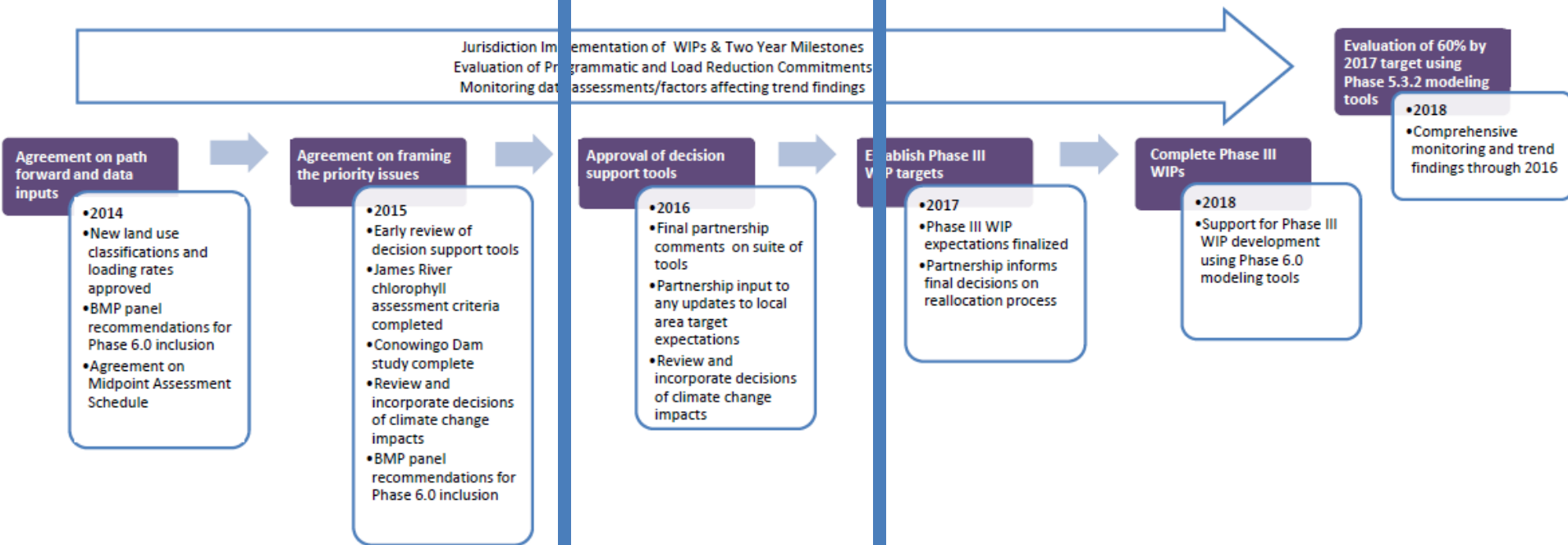


Midpoint Assessment Timeline



CREATE
The Models

REVIEW
The Models

USE
The Models

Phase 6 Model Structure

Average Load + Δ Inputs * Sensitivity

*

Land Use Acres

*

BMPs

*

Land to Water

*

Stream Delivery

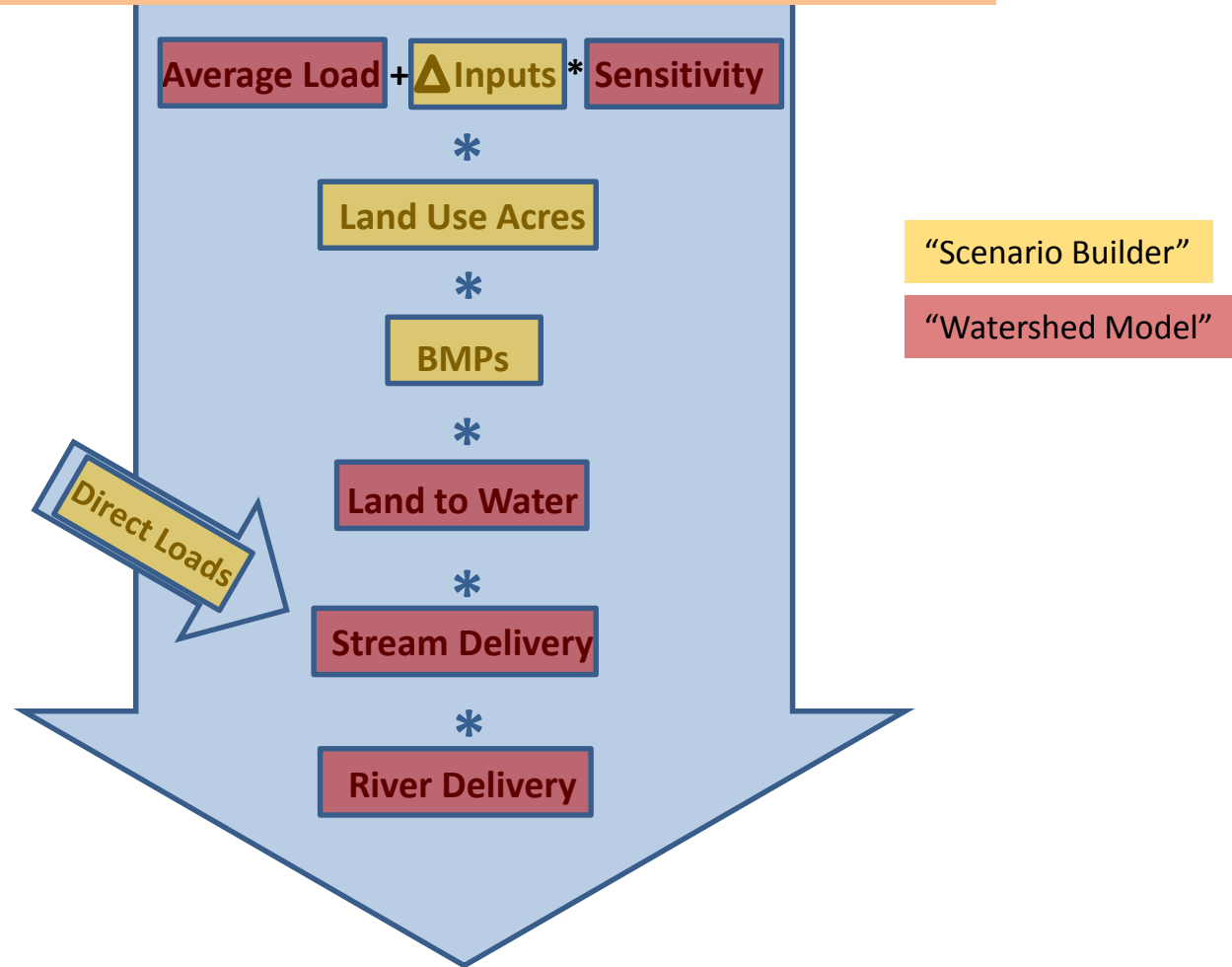
*

River Delivery

Direct Loads



Phase 6 Model Structure



Documentation

Phase 6 Model Documentation

**Section 1:
Overview**

Section 2:
Targets

+

Section 3:
Inputs

*

Section 4:
Sensitivity

*

Section 5: Land Use

*

Section 6: BMPs

*

Section 7: Land to Water

*

Section 9: Stream Delivery

*

Section 10: River Delivery

Section 8:
Direct Loads

**Section 11:
Applications**



Data

BMPs

Land
cover

Nutrient
availability

Census of
Agriculture

Physical
characteristics

...

Logic Engines

Land
use
calcula
tor

BMP
Land
use
change

BMP
location

BMP
effect

Nutrient
Application

Sensitivity to
Nutrient
Input

Watershed
Processes

Tools

Temporal
watershed
model

Watershed Model

Static
Watershed
Model

CAST
Casttool.org

Optimization
Engine

Products

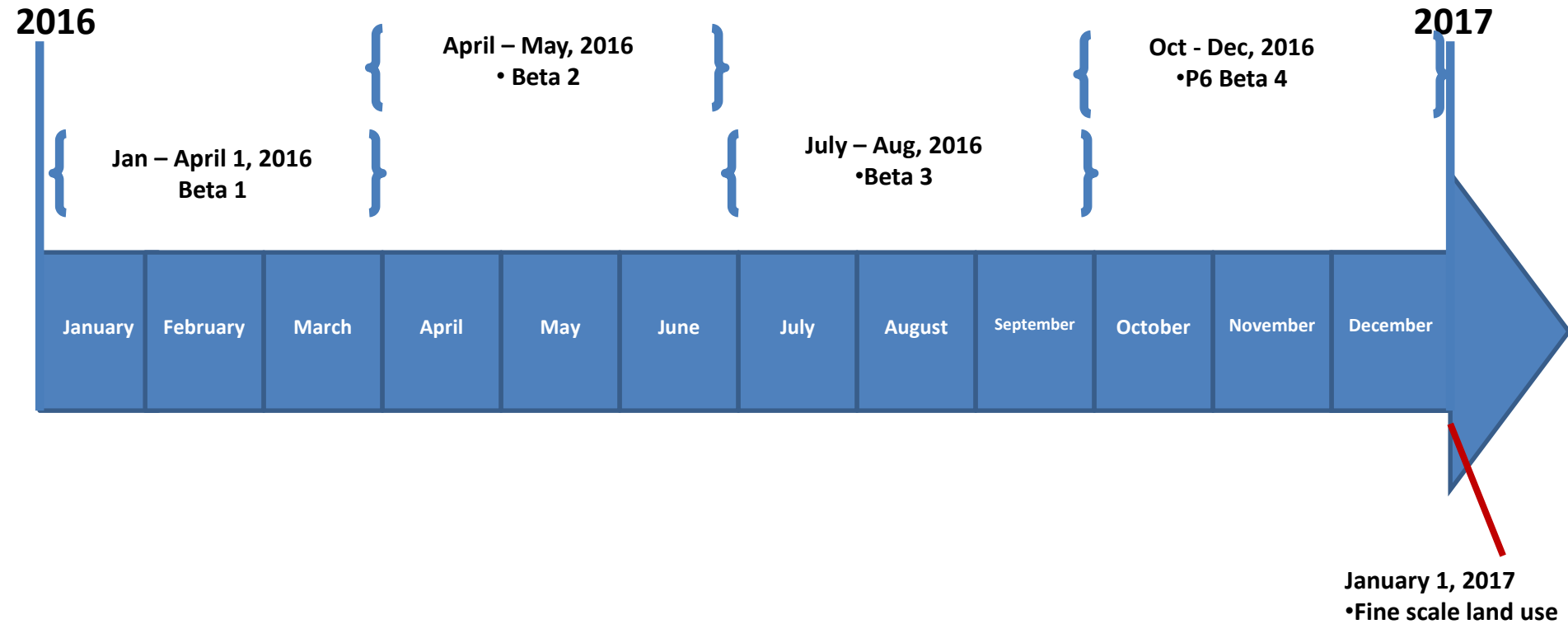
Load to Estuarine model
Calibration
Climate change
Lag Times

Chesapeake
Bay Program
Accounting

Stakeholder
Planning

Stakeholder
Planning

2016 Phase 6 Model Review Timeline



2016 Phase 6 Model Timeline

- Beta 1
 - Full Structure in place
 - Many p5 inputs
 - Initial values for P6 inputs
- Beta 2
 - Full P6 inputs
- Beta 3
 - Updated P6 Nutrient inputs
 - Updated calibration method

Near Term Schedule

- Next week
 - Release all documentation, model loads, and inputs
 - Schedule Webinar
- Next Month
 - Update Section 10 of documentation
 - Start STAC review Process
- Next Quarter
 - Primarily work on calibration