

# CHINO BASIN WATERMASTER

## 2020 OBMP Update

Listening Session #3  
March 21, 2019



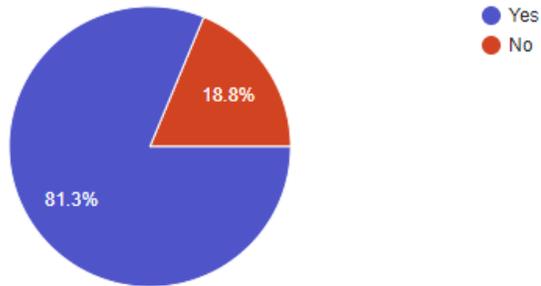


# OBMPU Survey

- 7 Questions about process
- 16 Replies

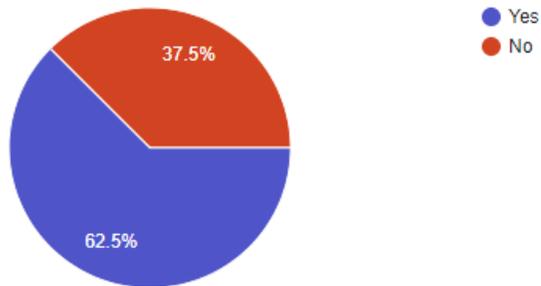
Do you understand the process that Watermaster parties are following to update the OBMP?

16 responses



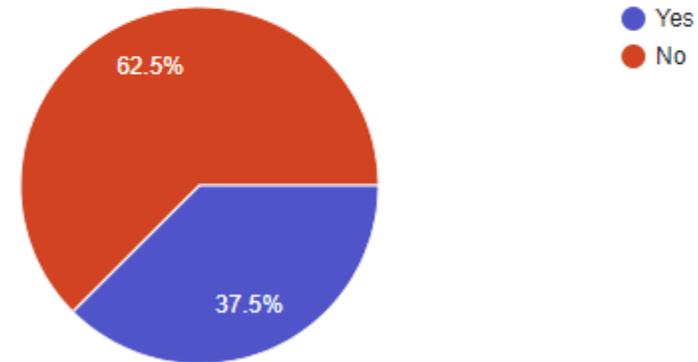
Do you understand what Watermaster parties will be asked to approve at the end of the OBMP update process?

16 responses



Do you have any concerns about the OBMP update process that are not being addressed?

16 responses





# 2000 OBMP Process

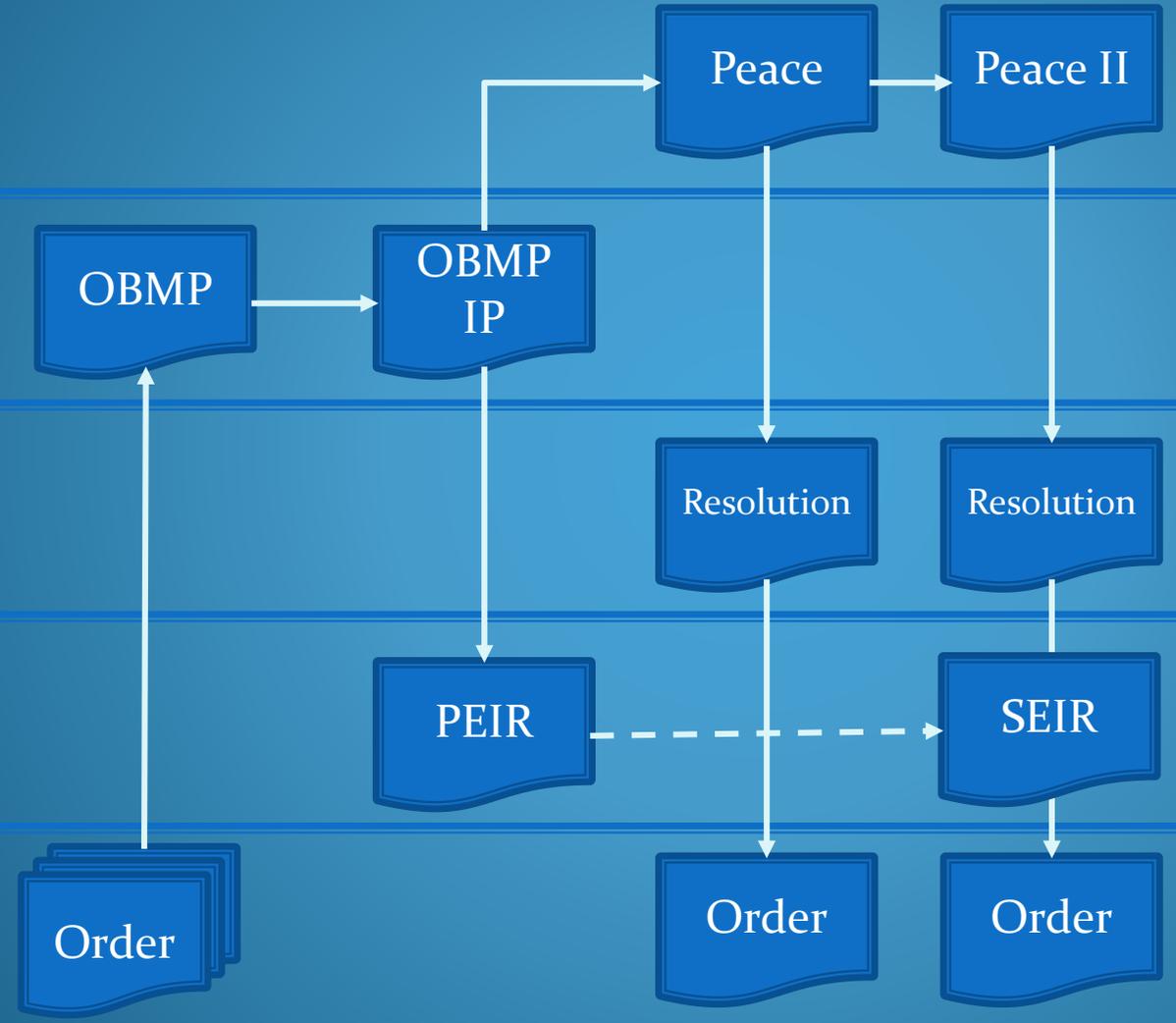
Parties

WM/Stakeholders/Consultants

WM Board

IEUA

Court





# Recap of LS2

- INWs (Table 1)
- Goals, Activities, Impediments (Table 2)
- LS2 Memo – summary, analysis and proposed goals and new activities for 2020 OBMP Update



# How Stakeholder Input Used

- Assessment of alignment of the stakeholder input in Tables 1 and 2 with the Goals of the 2000 OBMP
- Assessment of alignment of the goals and activities in Table 2 with the needs and wants in Table 1



# OBMP Goals

1. Enhance Basin Water Supplies
2. Protect and Enhance Water Quality
3. Enhance Management of the Basin
4. Equitably Finance the OBMP



# Goal No. 1 – Enhance Basin Water Supplies

The intent of this goal is to increase available water supplies for all the stakeholders that rely on the Chino Basin and to improve supply reliability.

This goal applies to Chino Basin groundwater, to other sources of water available to the OBMP stakeholders, and to the optimized use of Chino Basin storage to regulate the variability of the available water supplies and improve supply reliability.



# Goal No. 1 – Enhance Basin Water Supplies

## Since 2000...

- Constructed recharge projects to:
  - offset stormwater recharge lost to channel lining
  - increase Safe Yield
  - increase supplemental recharge capacity
- Expanded recycled water reuse: recharge and direct
- Chino Basin Desalters to:
  - recover high-TDS and high nitrate groundwater and put it to beneficial use
  - maintain Safe Yield



# Goal No. 1 – Enhance Basin Water Supplies

New or modified activities for 2020 Update... (Table 2)

- (1,4,9) Construct new recharge projects to:
  - Provide recharge capacity in areas necessary to maintain balance of recharge and discharge
  - Further increase capacity for storm and supplemental water
- (1,2,3) Develop/implement storage & recovery programs to
  - increase supply reliability,
  - increase Safe Yield
  - improve WQ
- (7,12,10) Build regional conveyance and treatment programs
- (10, 11) Maximize recycled water reuse



## Goal No. 2 – Protect and Enhance Water Quality

The intent of this goal is to ensure the protection of the long-term beneficial uses of Chino Basin groundwater.



# Goal No. 2 – Protect and Enhance Water Quality Since 2000...

- Comprehensive basin-wide monitoring programs
- Collaborated with Regional Board to facilitate clean-up efforts
- Developed innovated SNMP to enable recycled water reuse
- Chino Basin Desalters to:
  - recover high-TDS and high nitrate groundwater and put it to beneficial use
  - Assist in remediation efforts (South Archibald, Chino Airport)
- Constructed recharge facilities to enhance recharge of low-TDS storm and imported waters



# Goal No. 2 – Protect and Enhance Water Quality

New or modified activities for 2020 Update... (Table 2)

- (5) Develop a water-quality management plan to address current and future water quality issues and ensure the protection of beneficial uses
- (6) Develop strategic regulatory-compliance solutions to achieve multiple benefits in managing water quality



## Goal No. 3 – Enhance Management of the Basin

The intent of this goal is to encourage stable, creative, sustainable and fair water-resources management for broad mutual benefit to all stakeholders and avoid undesirable results.



# Goal No. 3 – Enhance Management of the Basin Since 2000...

- Comprehensive basin-wide monitoring programs
- Subsidence management plan
- Implemented OBMP storage management plan and initiated process to update it
- Developed methods to estimate storage losses
- Entered into the DYY program



# Goal No. 3 – Enhance Management of the Basin

## New or modified activities for 2020 Update... (Table 2)

- (1,2,3) Develop/implement storage & recovery programs to
  - increase supply reliability,
  - increase Safe Yield
  - improve WQ
- (8,12) Optimize all sources of water supply by developing the ability to move water across the basin and between stakeholders



## Goal No. 4 – Equitably Finance the OBMP

The intent of this goal is to identify and use efficient and equitable methods to fund the OBMP implementation.



# Goal No. 4 – Equitably Finance the OBMP

Since 2000...

- Peace and Peace II Agreements, and other agreements to provide incentives and funding plans to construct and operate the Chino Basin Desalters and recharge improvements
- Entered into agreement with Met for DYY to store imported water and provide funding for new wells and well head treatment)
- Obtained low-interest loans and grants to construct treatment facilities, conveyance, recharge facilities



# Goal No. 4 – Equitably Finance the OBMP

New or modified activities for 2020 Update... **(Table 2)**

- **(14)** Develop and equitable distribution of costs/benefits of the OBMP Update
- **(16)** Develop regional partnerships to implement the OBMP Update and reduce costs
- **(15)** Continue to identify and pursue low interest loans and grants to support the implementation of the OBMP Update (e.g. Chino Basin Project)



# Today's Breakout Sessions

1. OBMP Goals – Live Survey
2. Activities –
  - a) Feedback on characterization of activities
  - b) Alignment of new/modified activities to address INWs
  - c) What activities are missing?



# Goals Live Survey

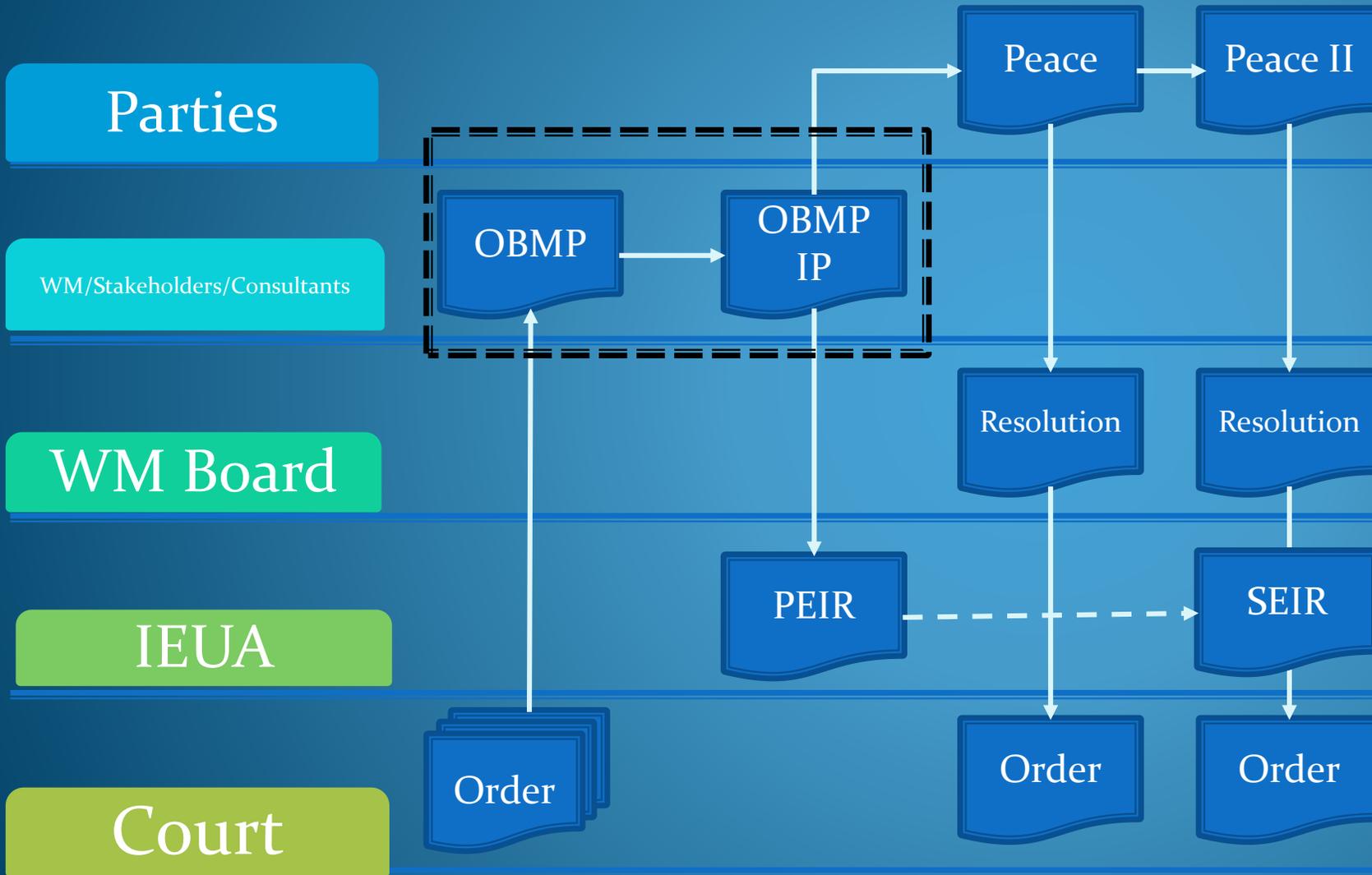


# OBMP Goals Live Survey

1. Use any WiFi enabled device (cellphone, tablet or laptop)
2. Access [kahoot.it](https://kahoot.it) in your web browser
3. Enter game code when prompted
4. Enter your agency and your name as your nickname for the survey. E.g. Watermaster (Edgar)
5. The exercise is intended to obtain live feedback and it is not to be construed as voting approval of any sort



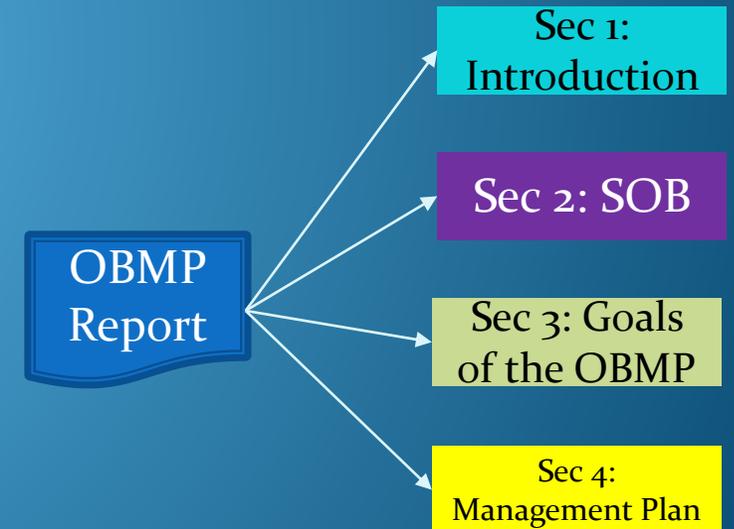
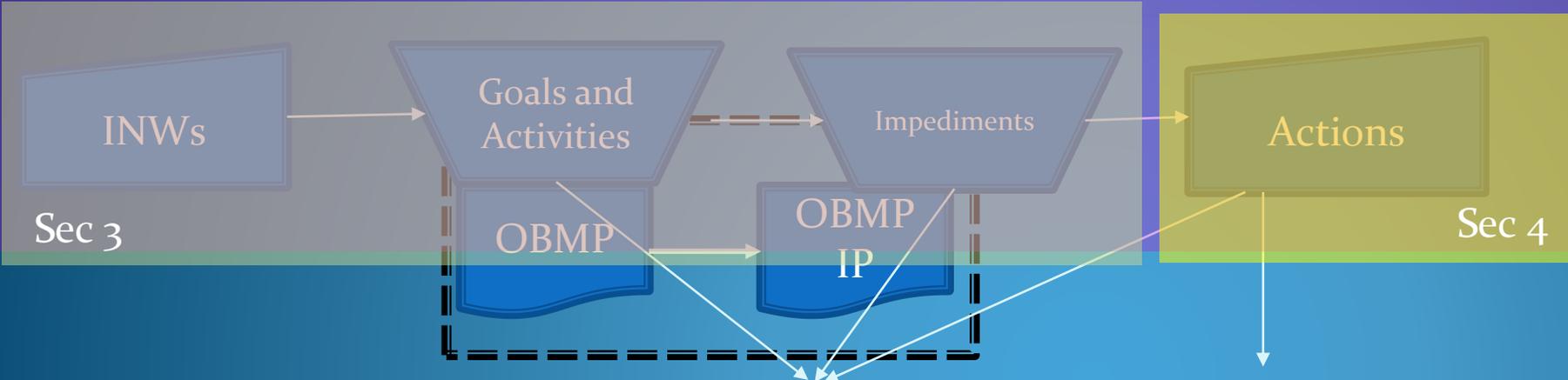
# 2000 OBMP Process





# 2000 OBMP Process

## Sec 2: SOB





# OBMP Process

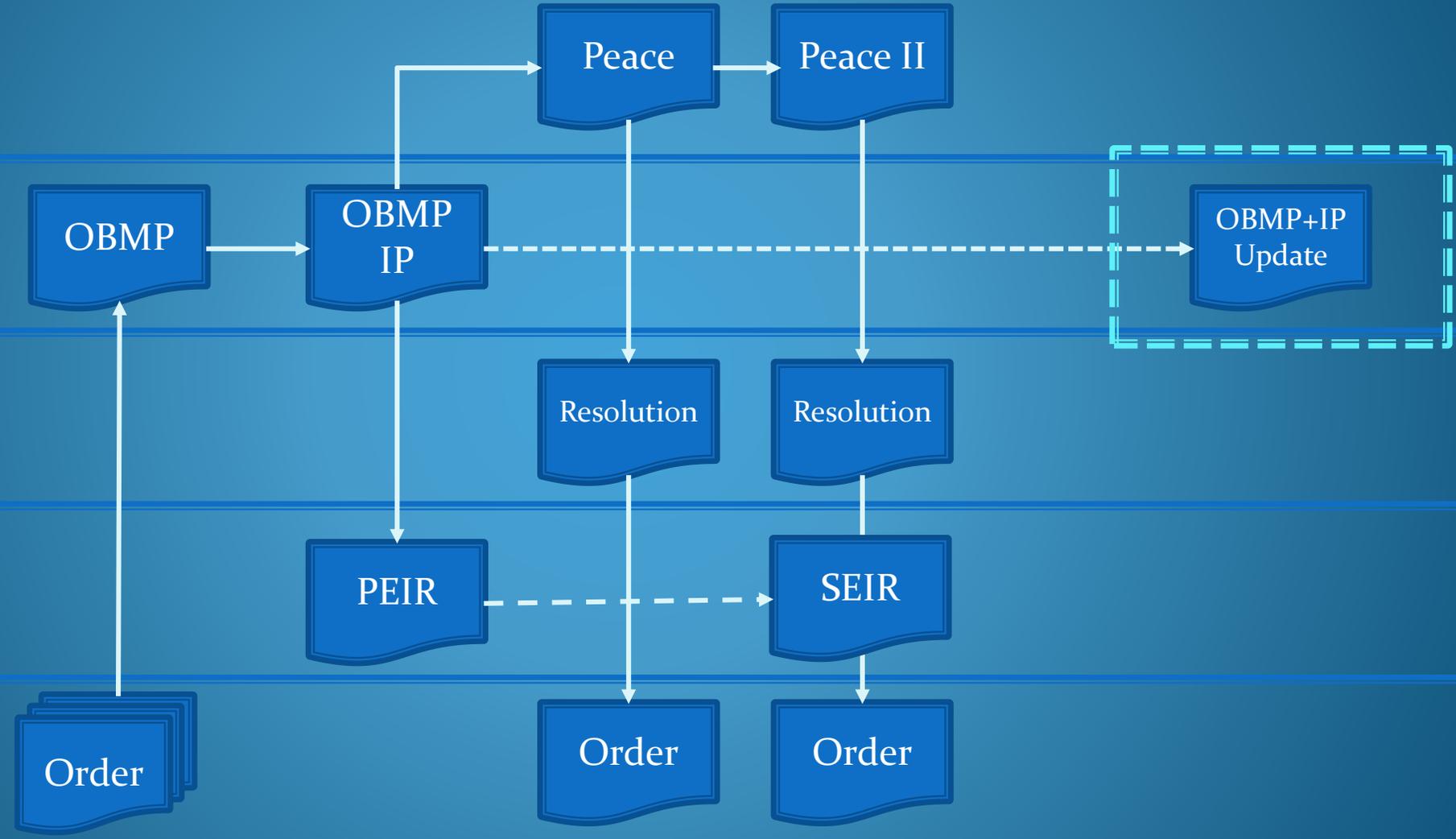
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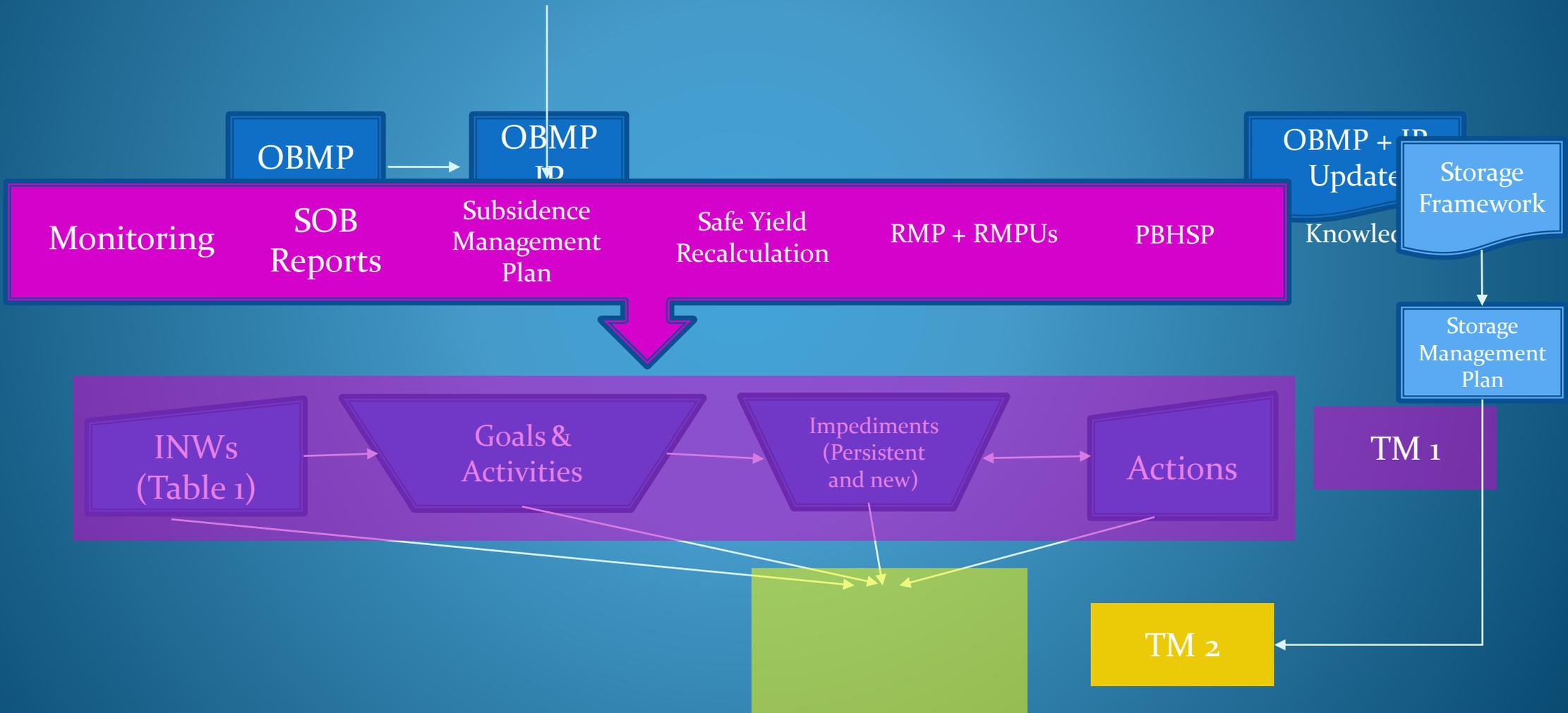
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# 2020 OBMPU Process





# Activities and Actions Breakout



# Summary and Next Steps

- Next steps:
  - Staff will compile meeting notes and emailed input from the Parties into a ***Listening Session #3 Memorandum***
  - Staff will send a survey to obtain input on activities
  - Parties will review Memorandum and respond to survey
  - Listening Session #4 (May):
    - Finalize INWs, Goals/activities and impediments
    - Present actions for inclusion in TM 1

## Task 1 Project Management and Meetings

Sep 2018 - Feb 2020

## Task 2 Develop OBMP Goals, Impediments, and Actions to Remove Impediments

Nov 2018 - Jul 2019

### Prepare TM 1

Mar - Jul

### Storage Management Plan

April 2019 - Sep 2019

## Task 3 Develop OBMP Implementation Plan

Jul 2019 - Jan 2020

### Prepare TM 2

Sep 2019 - Jan 2020

### LS 7 – review draft TM 2

Nov 2019

### LS 8

Jan 2020

### LS 1

Jan 2019

### LS 2

Feb 2019

### LS 3

Mar 2019

### LS 4

May 2019

### LS 5

Jun 2019

### LS 6

Jun 2019

Sep

Nov

Jan

Mar

May

June

Jul

Sep

Nov

Jan

Today

2018

2019

2020