

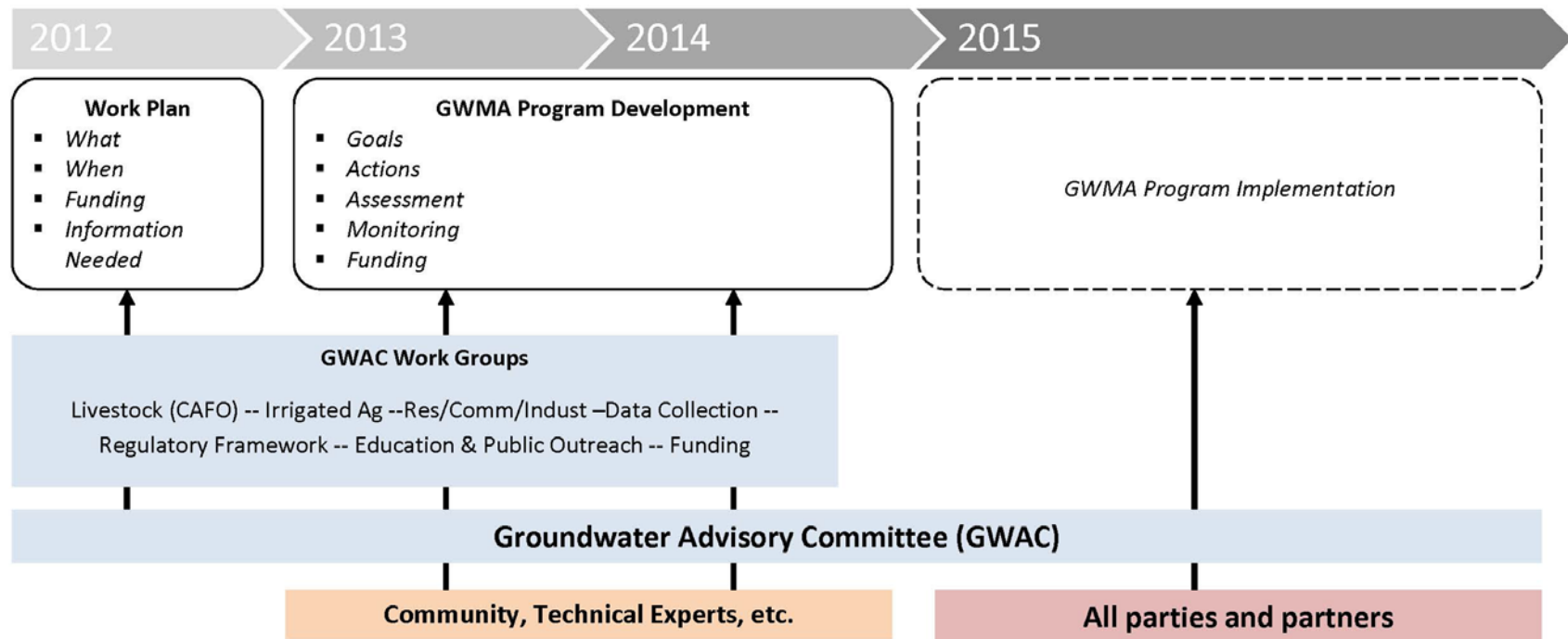


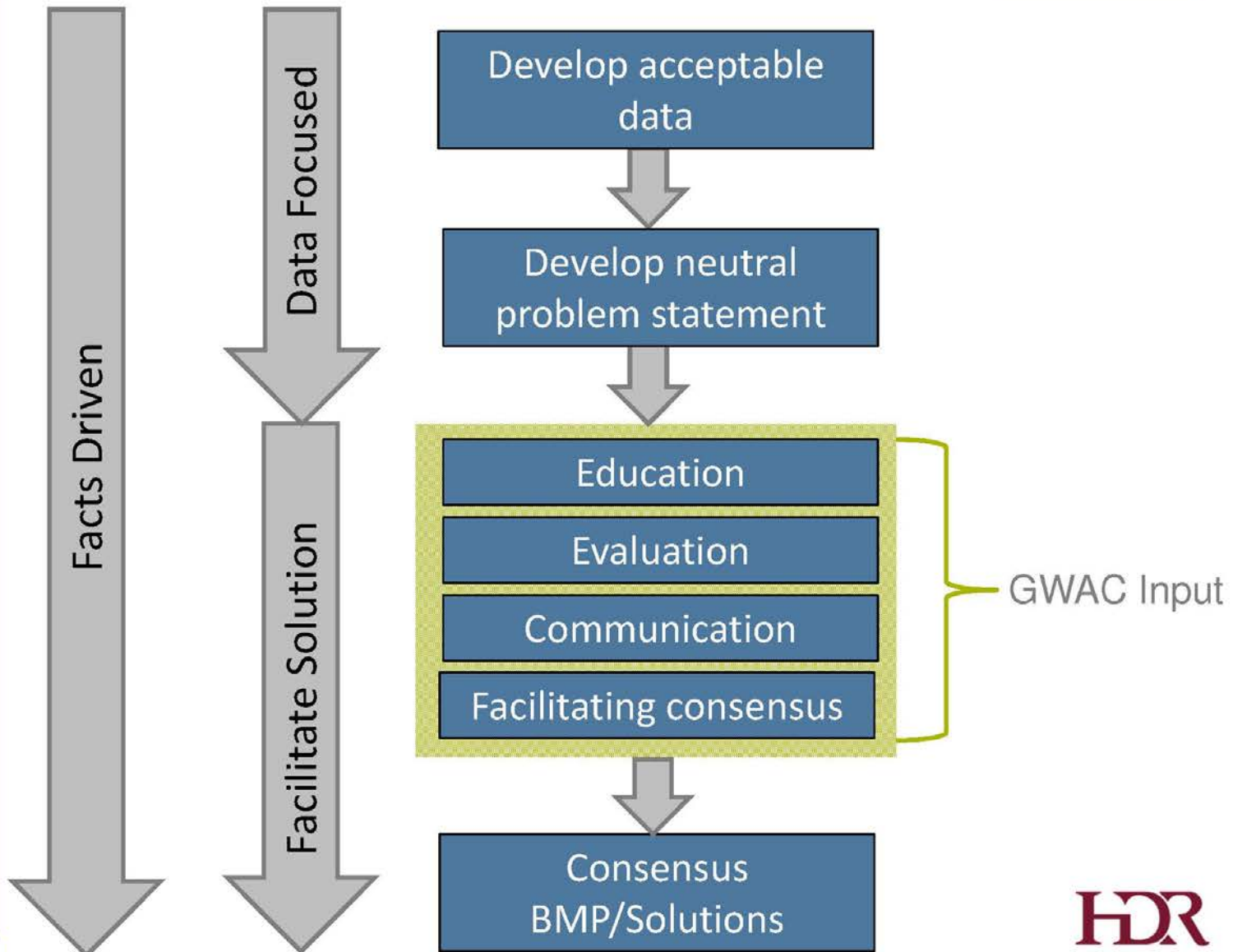
Setting the Context for GWAC Work

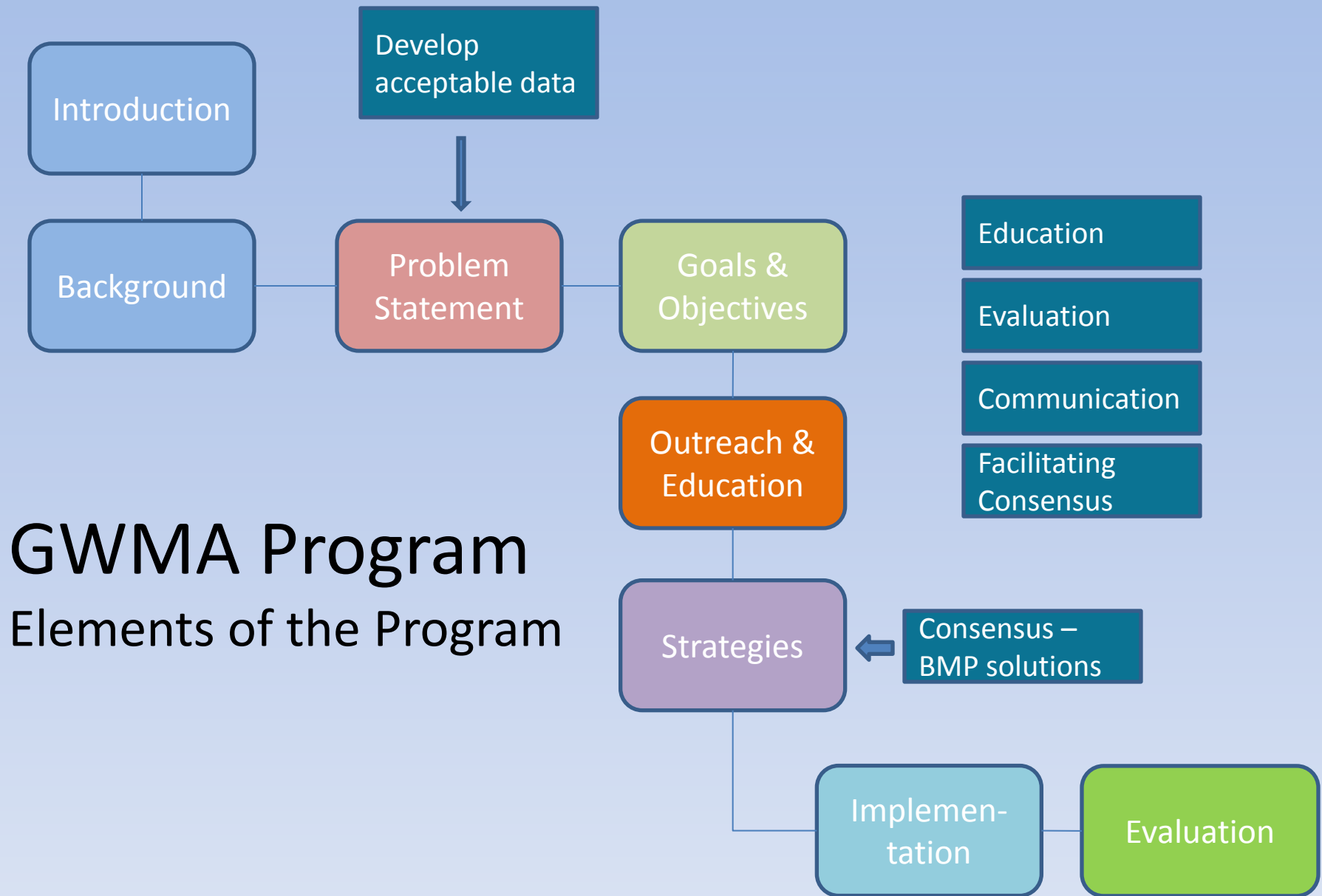
A not-comprehensive overview

Lower Yakima Valley Groundwater
Advisory Group
December 19, 2013

Groundwater Management Area (GWMA) Timeline and Schedule of Activities and Input



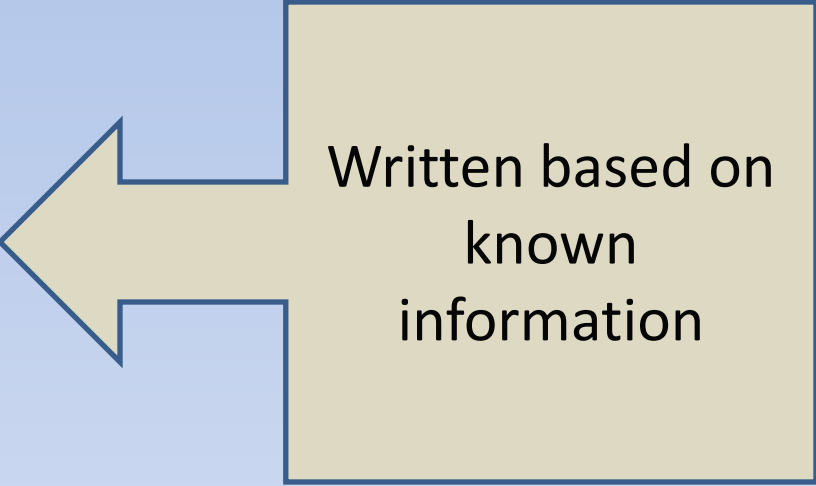




Introduction

Background

Written based on
known
information



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graph LR; A[Written based on known information] --> B[Introduction]; A --> C[Background];
```

Problem
Statement

Deep Soil Sampling

- Looks at amount applied, timing of application and irrigation practices

Groundwater Monitoring

- Identifies hot spots, trends, gaps, etc.

Nitrate Budget

- Quantifies sources of nitrates from farming and other land use practices

Regulatory Review

- Identifies existing laws and responsibilities
- Examines effectiveness
- Identifies gaps



The diagram consists of a light green rounded rectangle on the left containing the text 'Goals & Objectives'. To its right is a large, light yellow arrow pointing left towards the green box. To the right of the arrow is a light yellow rectangular box containing two bullet points. The entire diagram is set against a light blue background.

Goals & Objectives

- Written based on Request for Identification and GWAC discussions
- Revised as needed based on problem identification.

Outreach & Education

Informed by:

- deep soil sampling results
- groundwater monitoring results
- broad community assessment

Supports focus on:

- specific areas and/or practices
- specific segments of the community


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graph LR; Strategies[Strategies] <--> BMP[Best Management Practices]; Strategies <--> EO[Education and Outreach]; BMP --> EO
```

Strategies

Best Management Practices

Informed by:

- literature review of effectiveness
- deep soil sampling results
- groundwater modeling

Education and Outreach

Informed by:

- literature review of effectiveness
- deep soil sampling results
- groundwater modeling

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graph LR; EO[Education & Outreach] --> I[Implementation]; B[BMPs] --> I;
```

Implementation

Education & Outreach

- Key messages
- Tools
- Objectives
- Audiences

BMPs

- Targeted
- Audiences
- Supported by education



The diagram features a light blue background. On the left is a green rounded rectangle with a dark blue border containing the word 'Evaluation'. To its right is a large, light-yellow arrow pointing left, also with a dark blue border. Inside the arrow's shaft is a yellow rectangular box containing a bulleted list of five items: 'Ongoing', 'Specific metrics', 'Data-driven', 'Groundwater monitoring', and 'Adaptive management'.

Evaluation

- Ongoing
- Specific metrics
- Data-driven
- Groundwater monitoring
- Adaptive management

GWMA Program

Elements of the Program

