IMPLAN

REDUCTION OF EVALUATION PRODUCT TIMES

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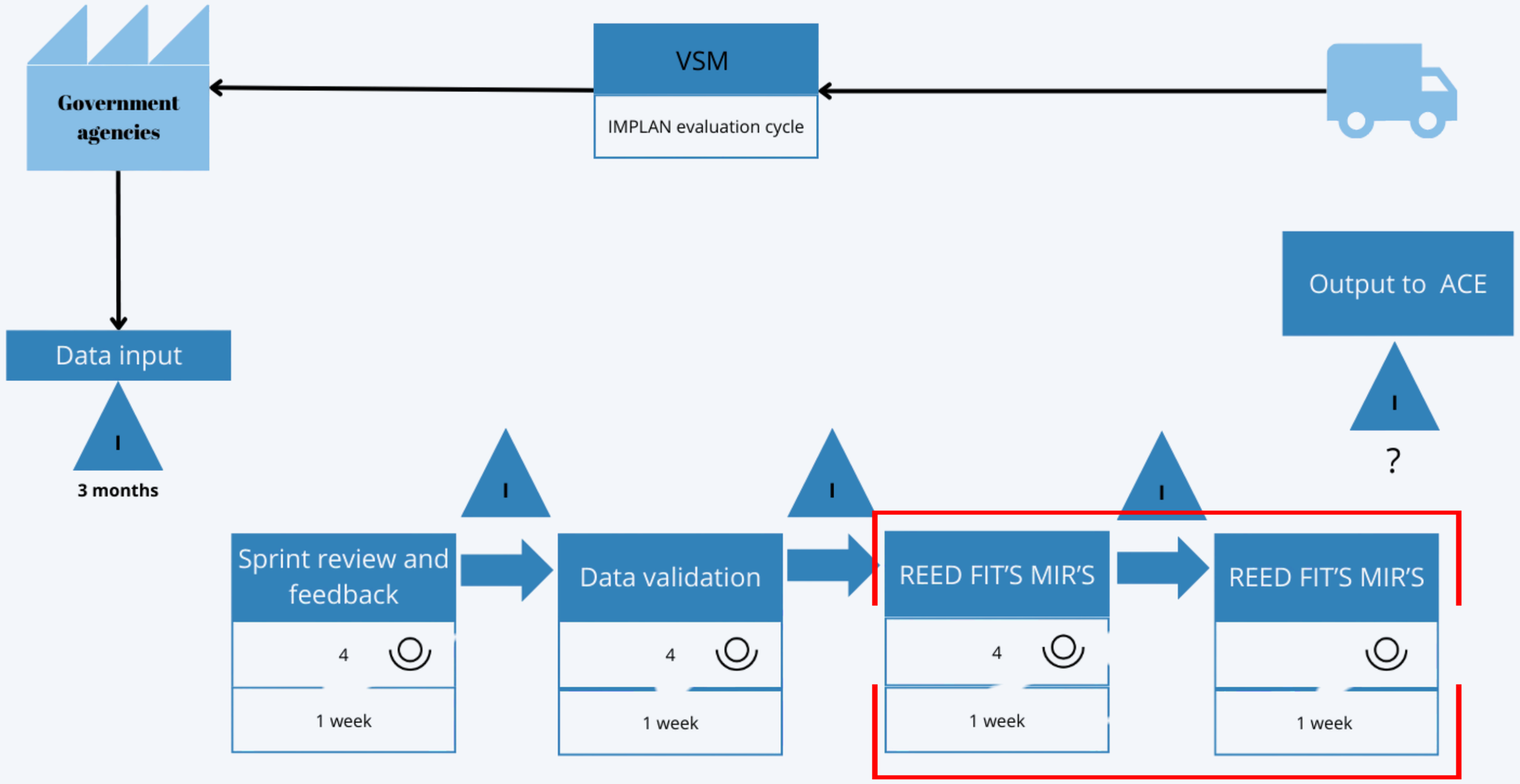
ACTUAL SITUATION

Currently, the IMPLAN experiences idle time during performance evaluations. This occurs when collecting data, which results in a three-month waiting period, and when filling out documents. Therefore, our proposal aims to reduce or improve the formatting processes.


Government agencies
VSM
IMPLAN evaluation cycle
Data input
I
3 months
Output to ACE
I
?
I
Sprint review and feedback
4
1 week
I
Data validation
4
1 week
I
REED FIT'S MIR'S
4
1 week
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REED FIT'S MIR'S
1 week

SCOPE

The main purpose of this project is to identify, analyze, and reduce the bottlenecks present in our current analysis process. We aim to significantly improve the efficiency and flow of operations, enabling faster and more accurate analysis.

PROPOSAL

Identify, analyze, and mitigate bottlenecks in our current analysis process. We propose reviewing the last two stages in order to identify potential steps that can be eliminated to streamline the process and prevent delays, thereby improving the efficiency and flow of operations, resulting in faster and more accurate analysis.

DETECTED WASTE

Overproduction

Generates unplanned activities, causing delays and increasing production time.

Waiting

A bottleneck occurs in step three due to the manual delivery of information, and there are delays in data verification by the internal audit department.

Defects

The entry of inaccurate data requires repeating the process, generating unforeseen defects.

Downtime

There is a dependency on the work from previous steps, which causes bottlenecks and idle time due to the lack of trained personnel to meet the company's needs.

LEAN TOOLS

5s

The 5S system improves workplace efficiency by eliminating unnecessary items (Sort), organizing necessary items for accessibility (Set in Order), maintaining cleanliness (Shine), establishing consistent standards (Standardize), and developing habits for sustained improvement (Sustain).

VSM

VSM is a tool used to map the various existing processes (including the number of operators and the time) to gain a better overview of what is being done.

Production Line Balancing

This process is used to determine the number of stations or operators required to meet the established target.