

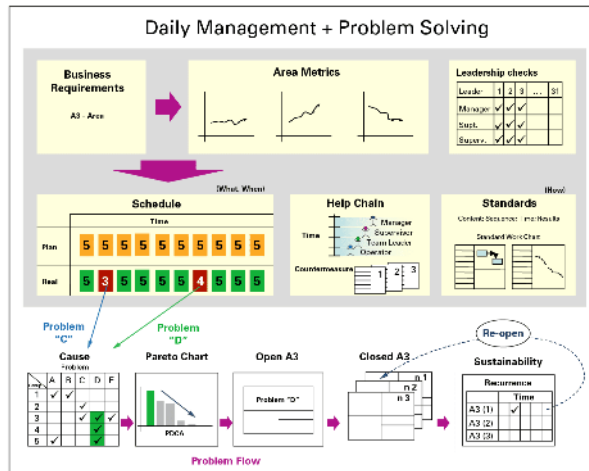
DAILY MANAGEMENT APPLICATION IN A DAM CONSTRUCTION PROJECT



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Daily Management

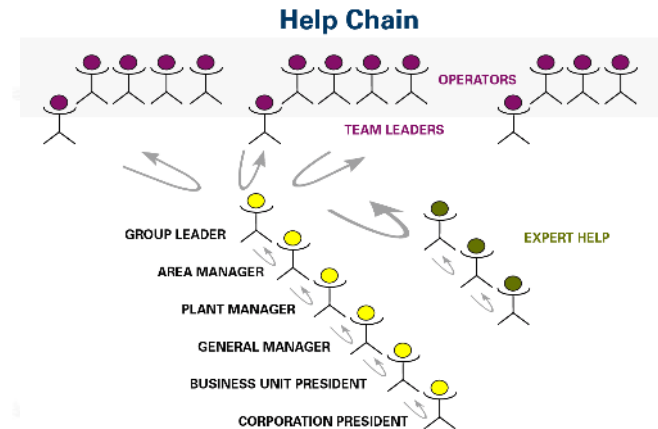
Visual Management



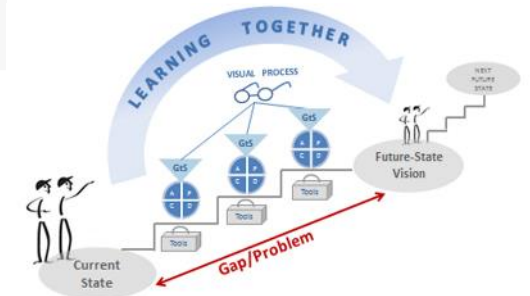
Teamwork Solving Problem



Help Chain



Leadership

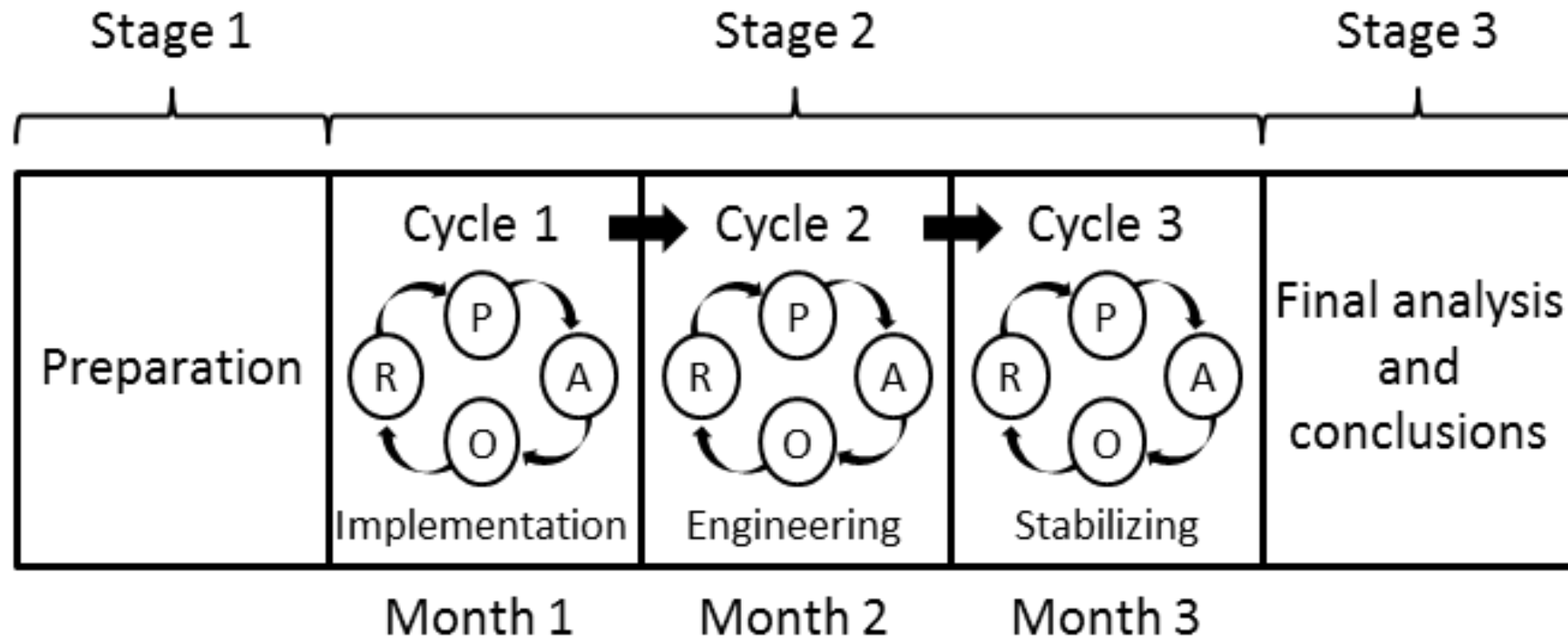


OBJECTIVE

- Explore the daily management in the construction context and evaluate the results of its implementation



METHODS



Legend: P = Planning; A = Action; O = Observation; R = Reflection

CASE: TAILING DAM PROJECT

**Materials Sieving
Process**



Transport

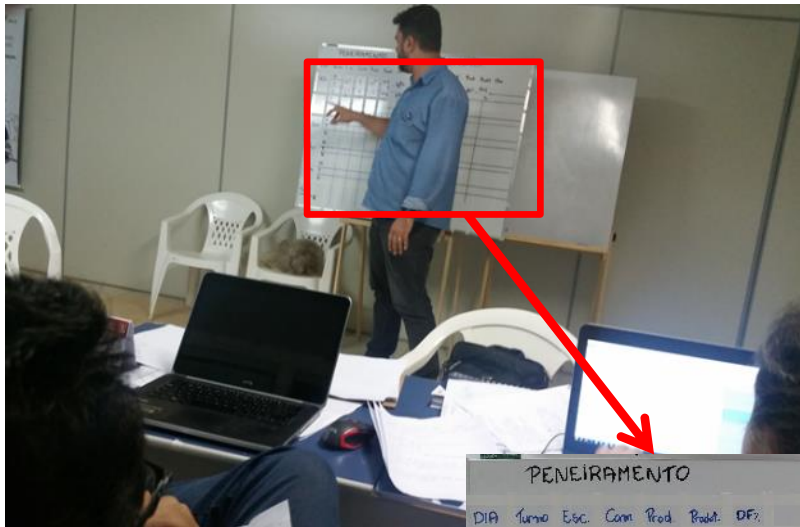


Dam

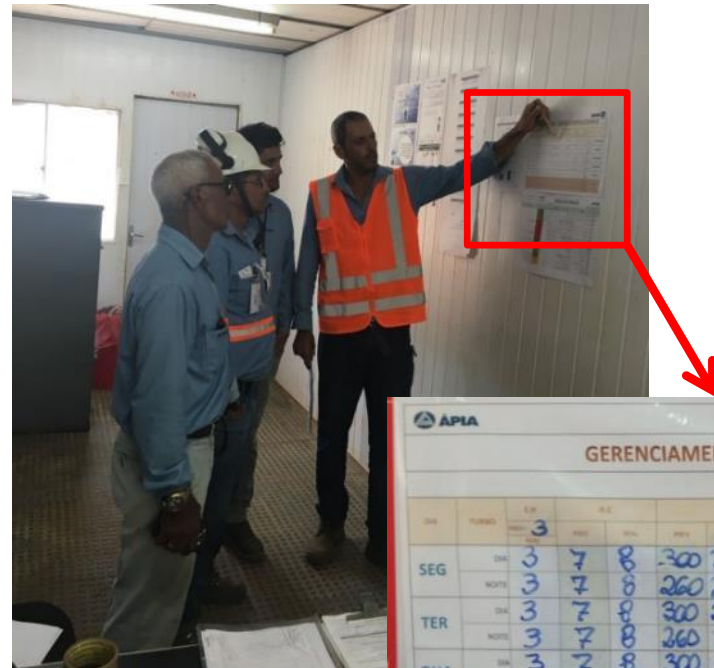


Visual Management

First Version

[illegible]

Second Version

[illegible]

Teamwork Problem Solving

Visual Control of inventories,
trucks and machines

Production
x
Productivity



Help chain

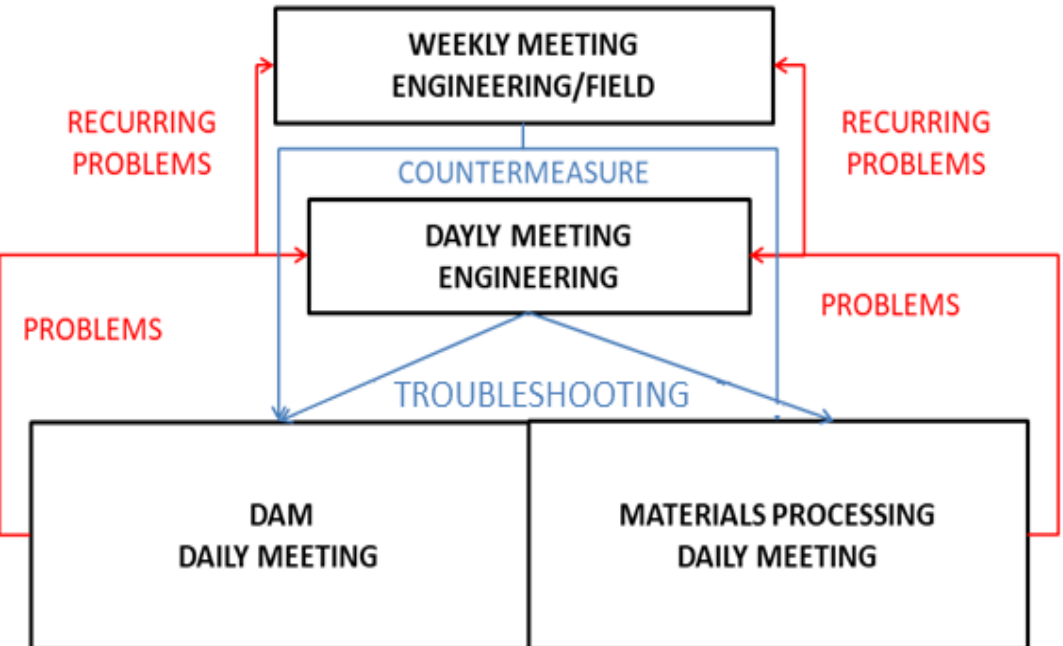


Frequency

Every
Monday –
05:00 PM

Every day –
11:30 AM

Every day –
09:00 AM



Leadership



General Results

- Materials Processing task - 4% reduction in cost
- Dam task - 7% reduction in cost
- **Transparency through visual management** was also positive for the team
- The change of supervisors and engineers behavior who focused not only on production **but also on productivity**

Conclusion

- Daily management enabled the team to **identify deviations** daily in production
- Daily support of these practices helped the company **stabilize its processes and also promote improvements**
- Future research might explore daily management system in other **company departments (supply, work safety, and quality)**. A further study could involve the **top management level on daily problem solving**.