# SACADOS | bfw Development-kit











# Development-kit: problem-solving circles

A "on the job training" and "continuous improvement" tool Based on a concept of the "Technical University" of Darmstadt

Sascha Seel - bfw

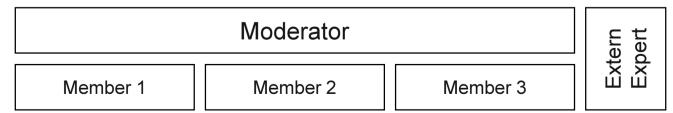




#### **Definition and Positions**

Problem-solving circles are internal, temporary working groups that pursue the goal of solving problems discovered in the work process at the workplace, in a standardized and self-responsible manner, under the leadership of a facilitator and to promote the transfer of competence within the group.

- Moderator: Leads and moderates the circle, has methodological competence, acts as a methodological coach and exploits employee potential.
- Participants: Works on problem solving, has professional competence, if possible mixed-age participants
- External expert: If required, integrated into the circle if knowledge from other areas is required to solve the problem, employees from other areas have expertise from other areas.



#### Framework conditions

Based on PDCA-Cycle

**Group Size** 3 - 5 Members

**Project Duration** 3 - 5 Weeks

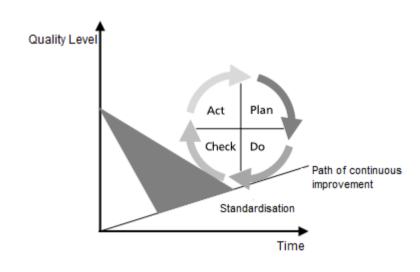
Frequency of Weekly Meetings

**Meeting Duration** 60 Minutes

**Meeting Place** At the workplace

Materials Whiteboard, Templates, Examples,

Paper, Pens



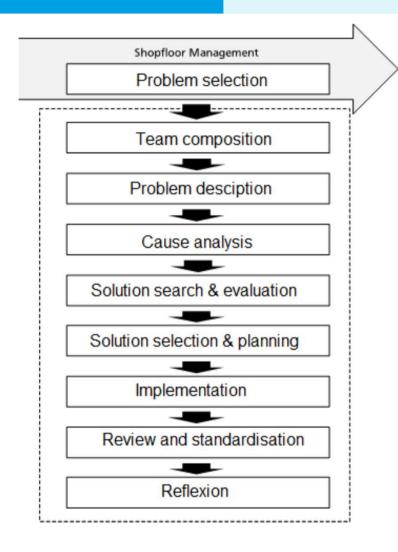




## Why a problem solving circle?

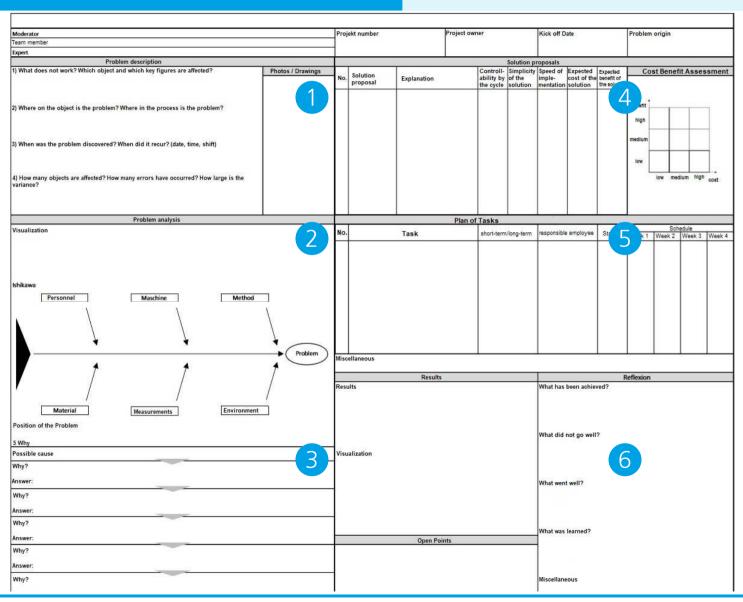
- Standardized and structured problem solving
- Local production employees have the best expertise
- Competence and knowledge exchange between younger and older employees in the group
- Coaching and development of participants through facilitation
- Solving problems to avoid long-term consequences:

" Longer working hours " Risk of job loss" " Unsatisfied customers" and special shifts"



further information in the comment section

# The problem solving matrix



### Thank you for your attention!

Further informations:

https://www.bfw.de/bfw/forschung-und-projekte/sacados/

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