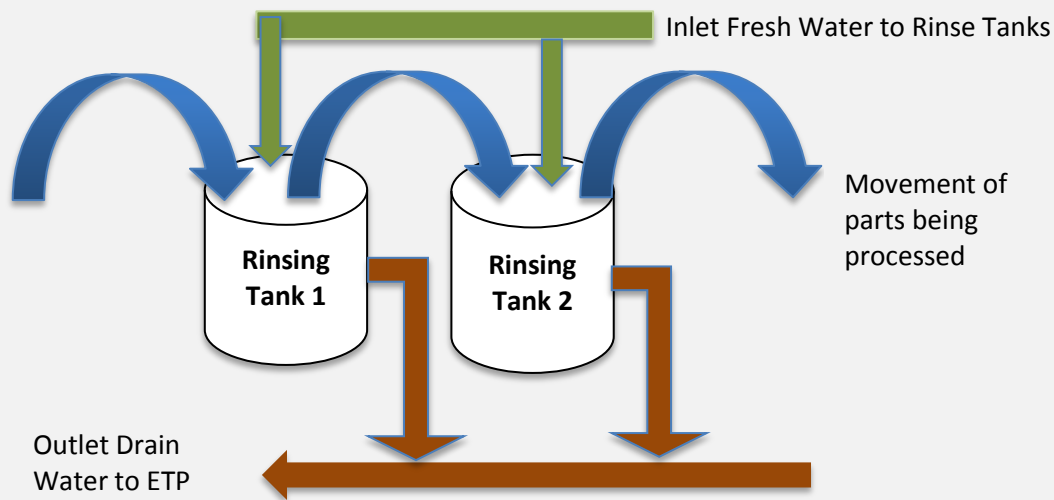


# Reduced Water Consumption

**Situation before:** High water consumption in the degreasing process of an automobile component manufacturing company.



## IMPROVEMENT DONE

Implementation of cascades where water from the first rinse tank (high TDS) is drained and water from the second rinse tank (low TDS) is transferred to the first rinse tank. Fresh water is filled in the second rinse tank, instead of filling both the rinse tanks with fresh water.

## ECO IMPACT

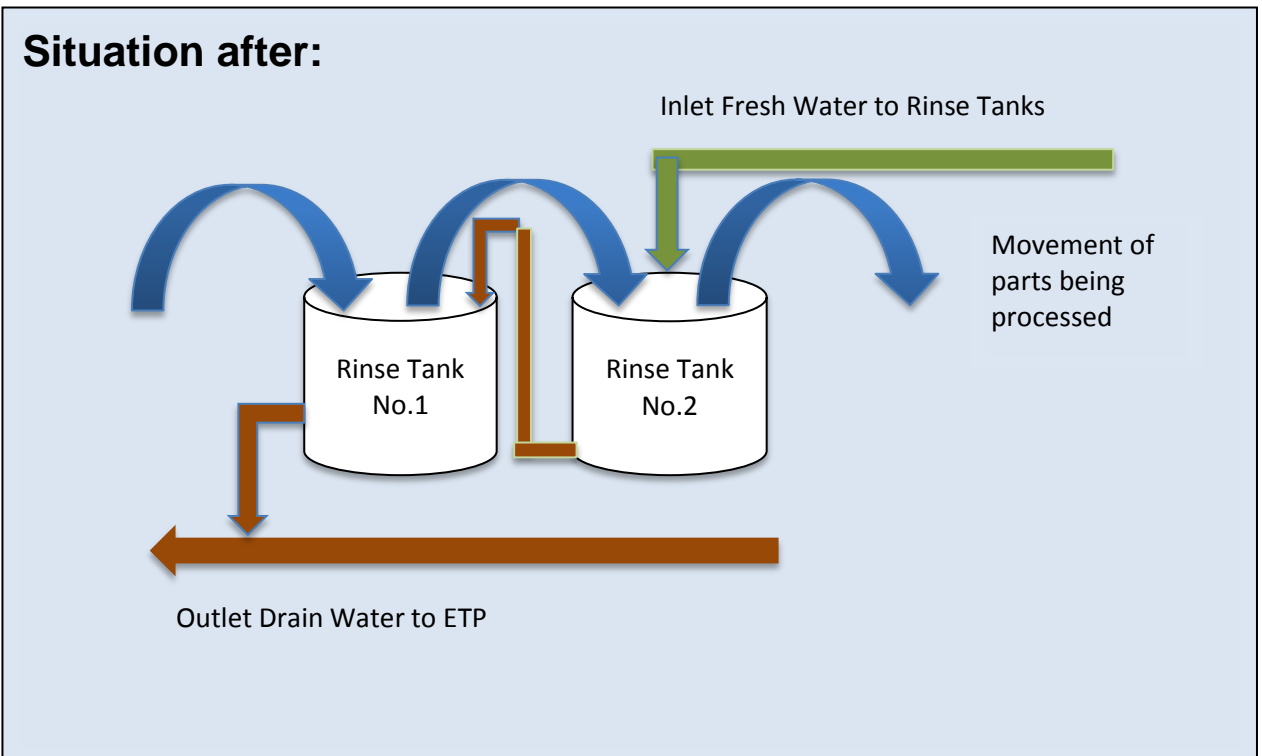
**Savings/year:** 418 kl (35% reduction) of water

**Cost:** Rs. 15,000

**Payback time:** 0.1 years

**IMPROVEMENT DONE**

Parameters	Before	After
Water flow rate (l/h)	165	107
Operating hours	7200	7200
No. of plating lines	1	1
Water consumption (kl/yr)	1188	770
Reduction (kl/yr)	0	418 (35%)



PROJECT FUNDED BY



PROJECT IMPLEMENTED BY

