# Distillation column control in practice

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The scope of this project is to review the controls for some of the most distillation columns at different Perstorp plants. The review should address the following issues

* Is the control structure (e.g. LV, LB, DV etc) currently used, the optimal one?
* Are the controllers well tuned?
* Is steam usage optimal, or is there is a potential for steam savings using control improvements?

In the study we have opportunities to use both historical operational data (measurements), available in the process historian and lab data (purities etc), as well as process descriptions in the form of P&I diagrams, operational instructions and functional descriptions.

If alternative control solutions are suspected to be more efficient, those solutions should be evaluated, possibly using dynamic simulations.

The question of which columns should be included can be discussed as we go; a reasonable starting point would be to look at say five selected columns from different sites.