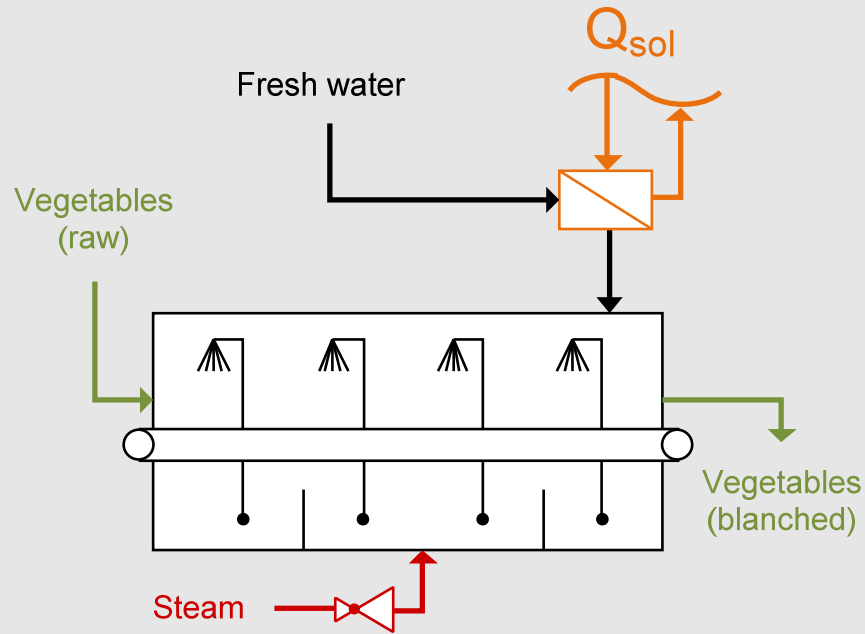


Blanching



Example how to integrate solar heat for a blanching process in vegetable processing.

The illustrated band blancher is conventional heated by steam injection. Based on the respective boundary conditions (number of heated baths, steam nozzles, other internal installations and available space) the integration of an additional solar driven heat exchanger (cp. PL_I) might be difficult. In case of significant input streams of fresh water that can be heated, integration scheme PL_E_IS can be applied. Therefore, the fresh water inlet is preheated with solar heat as illustrated in the figure.