

# The Tullstorp Stream Project

Climate adaptation of agricultural drainage systems

**Tullstorpsån ekonomisk förening**

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## **Executive summary of the project**

The Tullstorp Stream Economic Association has earlier performed a pre-study regarding controlled drainage as one potential mitigation action for agriculture to meet ongoing climate change effects. Half way through that project it was realized that many fields are not suitable for controlled drainage since several factors needs to be fulfilled in order to establish a well functional controlled drainage system. For fields fulfilling all factors, controlled drainage will be the most effective action. For the majority of fields, the most effective action will be conventional subsurface drainage in combination with lime filter ditch – lime is mixed into the trench backfill material. This project consists of construction of two full-scale systems – one controlled drainage system and one subsurface drainage system in combination with lime filter ditch. The project will also contain a preparation for the final potential phase 3 – evaluation of the full-scale systems effects. In agricultural research there are several indications of the environmental benefits of good drainage, but no solid studies can directly show this.