A shaded pre-milking yard can improve cow performance in a pasture based automatic milking system

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Addressing heat stress

Conventional milking

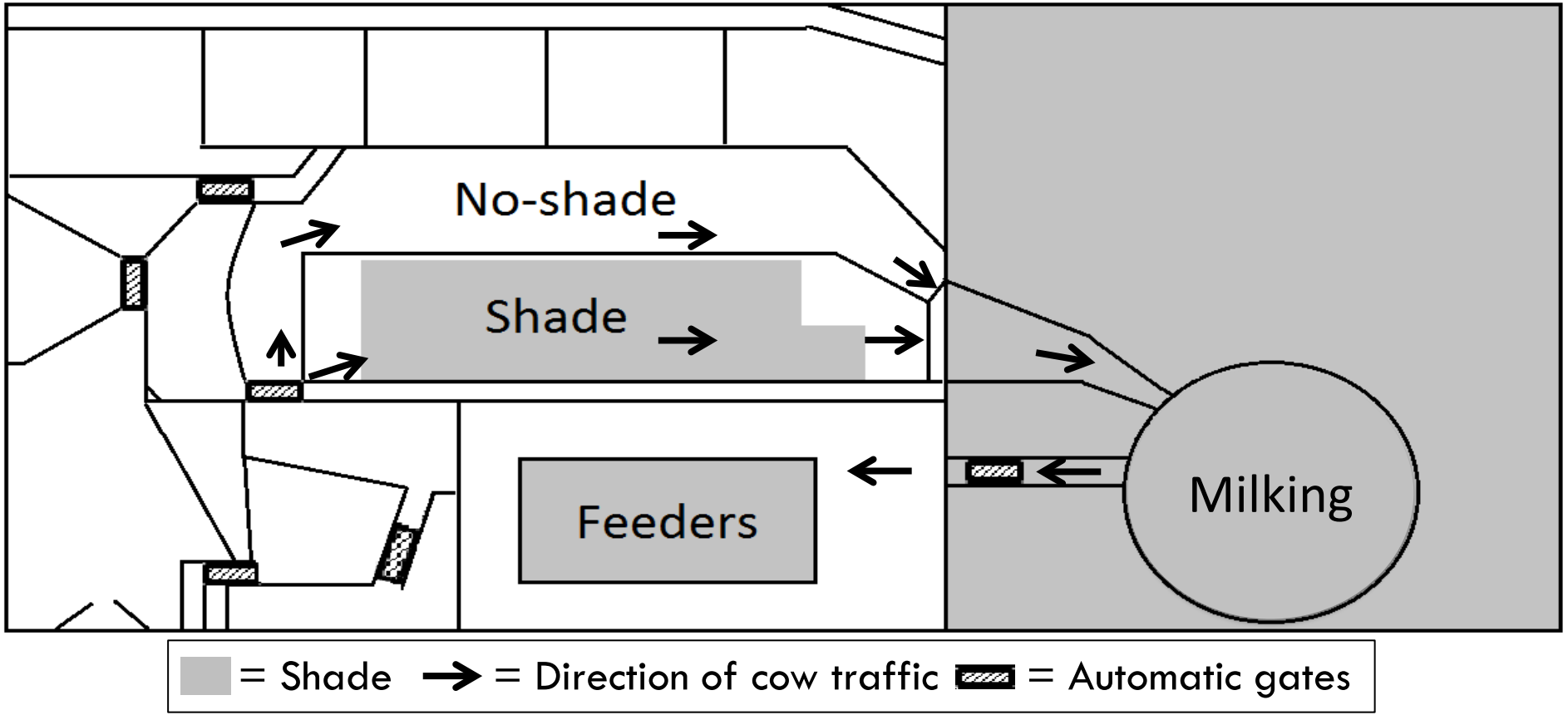
- Herds
- Batch milked
- Targeted cooling

Automatic milking

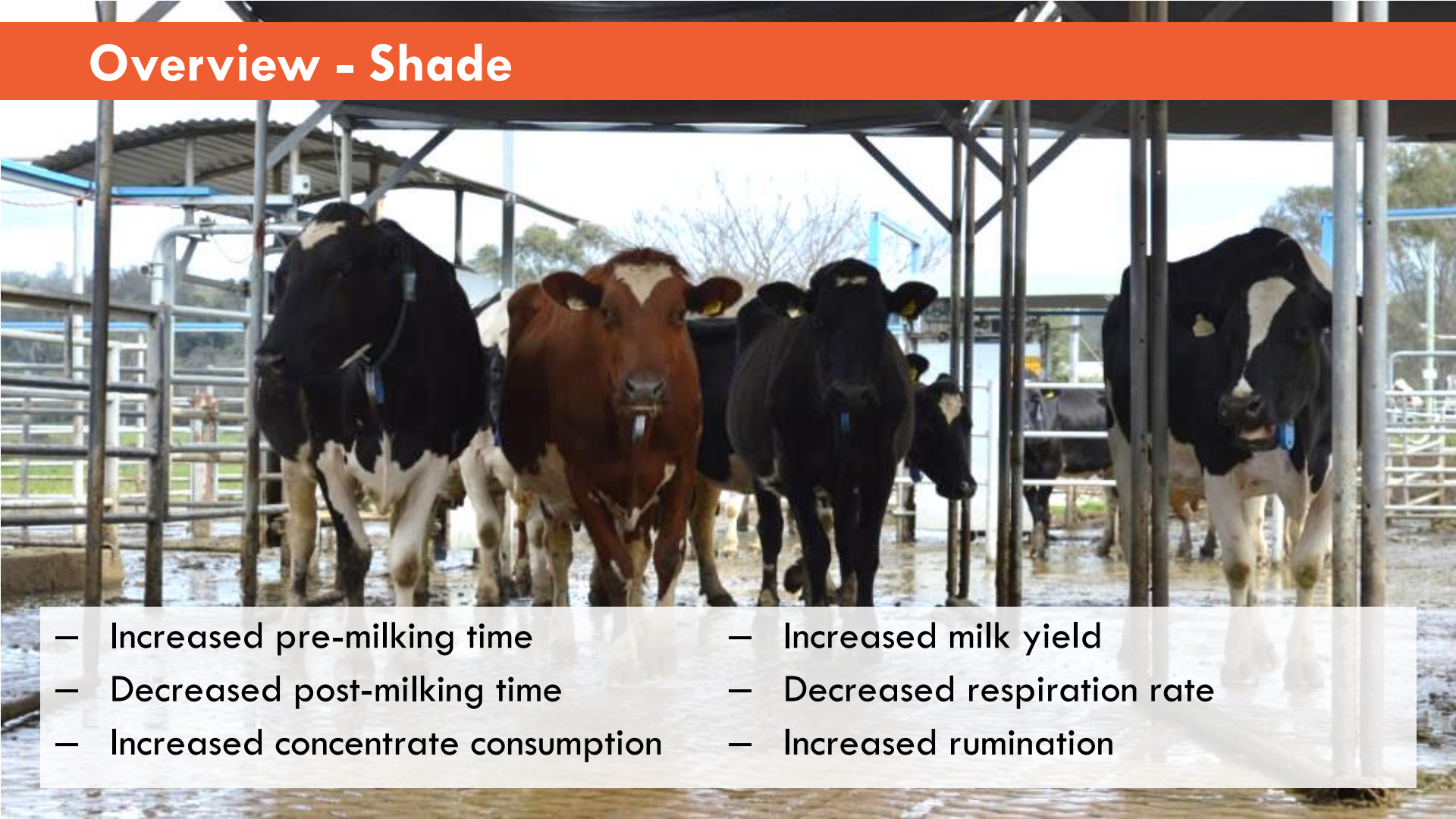
- Individuals
- Voluntary milking
- No recommendations

Aim: to identify the effects of providing shade at the milking facility of an AMS

Project design



Overview - Shade



- Increased pre-milking time
- Decreased post-milking time
- Increased concentrate consumption
- Increased milk yield
- Decreased respiration rate
- Increased rumination