

# KIT 3.7

Identify engineering solutions to reduce labour costs and/or improve the efficiency of repetitive tasks (including automation and robotics).



<b>Impact</b>	Growers optimise labour, machinery and other input costs via new engineering solutions that improve the operational efficiency of on-farm tasks, which enhances profitability.
<b>Summary</b>	<ul style="list-style-type: none"><li>• Growers have access to newly developed engineering solutions that reduce operating costs and improve the operational efficiency of repetitive tasks.</li><li>• Growers adopt engineering solutions and operational practices to reduce costs and improve the efficiency of repetitive tasks.</li></ul>

## SCOPE

## INVESTMENT OUTCOMES

New engineering solutions to maximise the operational efficiency of repetitive tasks and optimise operating costs



- 3.7.1. Growers have access to new engineering solutions that improve the operational efficiency, performance and value derived from existing and new on-farm machinery and physical infrastructure.
- 3.7.2. Growers have access to new engineering solutions and/or robotic systems that improve the operational efficiency and costs associated with repetitive agronomic operations such as seeding, spraying and harvesting.
- 3.7.3. Growers and industry have access to new engineering solutions and/or robotic systems that improve the on-farm operational efficiencies associated with the handling and distribution of farm inputs such as fertiliser and crop protection products, as well as farm outputs.

Maximisation of awareness and adoption of engineering solutions that improve the operational efficiency of repetitive tasks



- 3.7.4. Growers and industry understand and have the skills and tools to quantify the range of agronomic, farming systems and farming business benefits of new engineering solutions and practices intended to improve the operational efficiency of repetitive tasks.
- 3.7.5. Growers and industry are adopting engineering solutions and practices that can be used to maximise operational efficiencies and optimise input costs.