

Using the Business Case Calculator

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The calculator is set out in four short sections. Gold boxes are your own figures; you can edit the blue boxes in the Default Assumptions section if you have better local information.

1. Your Site

Enter your club name, total managed mowing area (for golf courses, the total fairway area), the percentage of that area to be mown robotically, and the time and frequency of a complete conventional cut.

2. Conventional Mowing

Enter the make/model, purchase or replacement cost, diesel consumption and annual maintenance cost of the conventional mower you are comparing against.

3. Robotic Mowing

Enter the make/model, installed cost and practical daily mowing capacity of the robotic system you are considering. Real world capacity may be less than manufacturers specifications so be conservative.

4. Assumptions

Sensible defaults are already filled in for items such as greenkeeper hourly cost, diesel and electricity prices, robot maintenance and supervision time, and the expected working life of each machine. Edit any of these to match your own club's figures.

Reading the Results

The Business Case Summary at the top of the page updates automatically as you change any figure, showing the number of robots required, installed system cost, annual cash saving, and the greenkeeper capacity released together with its equivalent annual value. The tables below give a fuller breakdown of annual cash costs and set out the wider benefits that are not included in the financial comparison.

Producing a Report

“Download two-page PDF” at the bottom of the calculator produces a committee-ready Business Case summarising your figures and results.

“Download figures explainer” produces a three page supporting note for Treasurers, setting out how each figure is calculated.

“Reset to defaults” clears your entries so you can start again or compare a different scenario.

Feedback

This is a beta version of the calculator so any suggestions, corrections or other comments would be very much appreciated at my email address below.