

Sikturah Analysis Flow - from Data Upload to Finish (v0.10)

START - open the application (no login)

Path A - upload CSV / Excel
(7-column compartment template)

Path B - manual editor
(type directly in the browser)

Path C - full 11-tab workbook
(legacy; template + 200-compartment example)

Dataset stored on the server (bundle: suitability auto-generated from SI rules + 100-option master catalog)

Optional - expert corrections: suitability override (per cell / CSV), neighbour pairs (adjacency), MUK catalog edits (new species code >= 101)

Choose / build a parameter profile: growth (Chapman-Richards fit), prices-costs, 24 indicators, harvest constraints (even-flow, capacity, green-up)

Choose analysis

Baseline BOCR simulation
(existing options, Y = 5)

Scenario evaluation
S1 - S4

NSGA-II optimization: set population, generations, seed -
run in background

Instant results: DScore / WScore / TVC, charts, ranking + Conclusion (automated analysis result)

Server queue - one analysis at a time; refresh-safe;
cancellable

Track progress: generation, percent, feasible count, front
size, time left

Run done - open results: 3-pillar Pareto front, solution table, per-compartment schedule + automated Conclusion; download the result
workbook (Pareto, Best_Schedule, Conclusion)

FINISH - the final decision rests with the manager

Alur Analisis Aplikasi Sikturah - dari Unggah Data sampai Selesai (v0.10)

