

01 — THE CHALLENGE

Walt Disney World welcomes 58 million+ visitors annually across four theme parks, two water parks, and 25+ resort hotels — generating continuous litter across pathways, plazas, queue areas, and resort grounds. Disney's zero-waste-to-landfill by 2030 goal requires closing a 32-percentage-point gap (from 58% to 90% diversion), and every piece of litter collected before it reaches a bin is data that informs source reduction. With \$60 billion committed in capital investment over the next decade and BDX droids set to debut in 2026, Disney is already investing in free-roaming autonomous robots. The missing piece is a robot that works, not performs — one that keeps outdoor spaces clean around the clock.

02 — OUR SOLUTION

CleanWalker is the world's first commercial quadrupedal litter-collecting robot — engineered for large-scale outdoor environments where guest experience is paramount:

- **AI-powered detection** across 20+ litter categories (25,000+ real-world images)
- **Four-legged locomotion** navigates grass, gravel, mulch, paved walkways, and curb transitions
- **Florida climate tolerance** with multi-shift capability (20+ hours/day)
- **Silent operation** (<55 dB) suitable for resort grounds and guest pathways
- **Waste composition data** for real-time litter analytics supporting the 2030 zero-waste goal

Collected waste is sorted and bagged for existing Disney waste collection routes — no new infrastructure required.

03 — PILOT PROPOSAL — 10 UNITS, 6 MONTHS

Deployment zones: Disney Springs outdoor areas, one resort hotel grounds (e.g., Coronado Springs), and Animal Kingdom Lodge pathways

KPI	TARGET
Litter items collected per unit/day	Tracked & reported weekly
Coverage per shift	2,000-4,000 m ² /hr per unit
System uptime in Florida conditions	>90%
Waste diversion contribution	Litter-to-type data for source reduction
Guest perception	Survey baseline + post-pilot sentiment

04 — VALUE PROPOSITION

1.5-2.5

FTE OFFSET PER UNIT

40-60%

COST REDUCTION AT SCALE

RaaS

ROBOT-AS-A-SERVICE MODEL

Zero

HARDWARE OWNERSHIP REQUIRED

Disney has a unique relationship with robots — guests expect them. A CleanWalker unit quietly collecting litter along resort pathways is not just an operations tool; it is a character. The quadrupedal form factor, purposeful movement, and visible environmental mission create a natural guest interaction moment. With BDX droids proving that free-roaming robots enhance the guest experience, CleanWalker extends that philosophy from cleanwalkerrobotics.com to walker@cleanwalkerrobotics.com. MB Software Studio LLC CEO walker@cleanwalkerrobotics.com is excited to lead the team through a successful pilot at Disney. To learn more about CleanWalker, visit cleanwalkerrobotics.com/pilot.