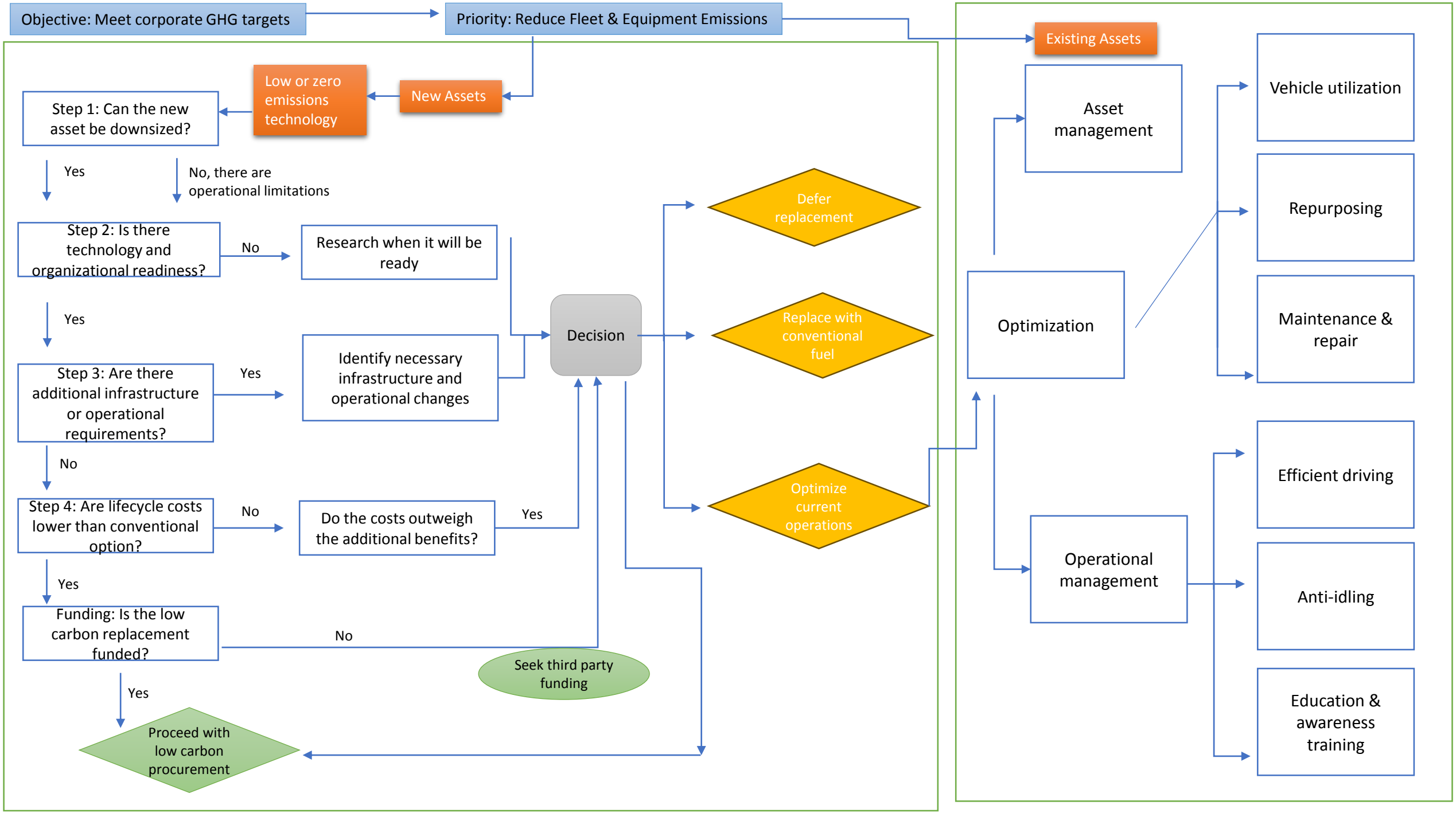
Objective: Meet corporate GHG targets
Priority: Reduce Fleet & Equipment Emissions
Existing Assets
New Assets
Low or zero emissions technology
Step 1: Can the new asset be downsized?
Yes
No, there are operational limitations
Step 2: Is there technology and organizational readiness?
No
Research when it will be ready
Yes
Step 3: Are there additional infrastructure or operational requirements?
Yes
Identify necessary infrastructure and operational changes
No
Step 4: Are lifecycle costs lower than conventional option?
No
Do the costs outweigh the additional benefits?
Yes
Yes
Funding: Is the low carbon replacement funded?
No
Seek third party funding
Yes
Proceed with low carbon procurement
Decision
Defer replacement
Replace with conventional fuel
Optimize current operations
Asset management
Optimization
Operational management
Vehicle utilization
Repurposing
Maintenance & repair
Efficient driving
Anti-idling
Education & awareness training