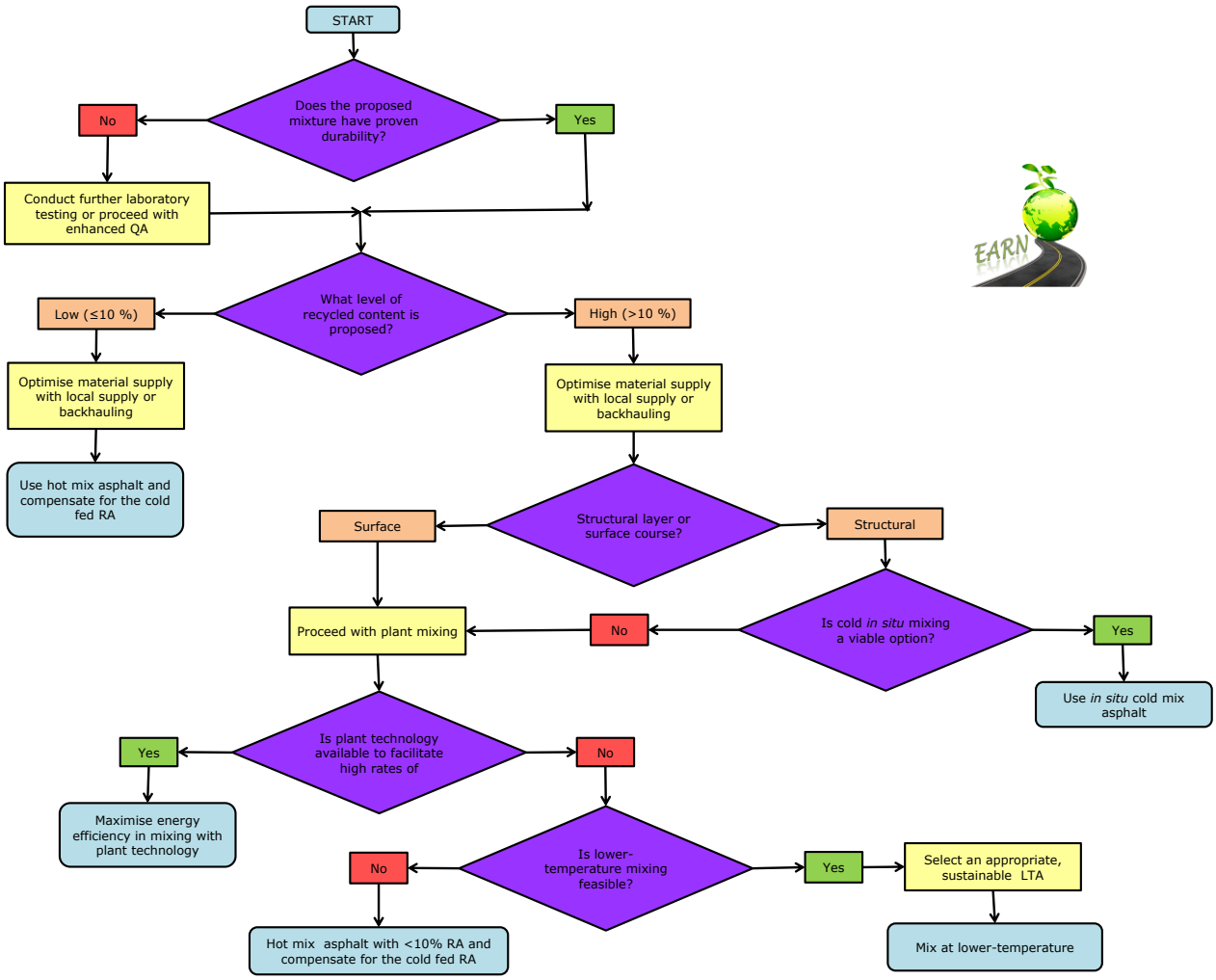
START
Does the proposed mixture have proven durability?
No
Yes
Conduct further laboratory testing or proceed with enhanced QA
What level of recycled content is proposed?
Low (≤10 %)
High (>10 %)
Optimise material supply with local supply or backhauling
Optimise material supply with local supply or backhauling
Use hot mix asphalt and compensate for the cold fed RA
Structural layer or surface course?
Surface
Structural
Is cold *in situ* mixing a viable option?
No
Yes
Proceed with plant mixing
Use *in situ* cold mix asphalt
Is plant technology available to facilitate high rates of
Yes
No
Maximise energy efficiency in mixing with plant technology
Is lower-temperature mixing feasible?
No
Yes
Select an appropriate, sustainable LTA
Hot mix asphalt with <10% RA and compensate for the cold fed RA
Mix at lower-temperature