

Biosolids Management Study & Plan



Madison Metropolitan Sewerage District

Beneficial Reuse



Madison Metropolitan Sewerage District COMMISSION POLICY

SECTION 1: OUTCOMES POLICIES

Category: Outcomes Policy
Title: Wastewater Collection and Treatment
Policy Number: O-2A
Adopted: 09-27-2018
Revised: 10-29-2020

District owners' wastewater is collected and treated in a manner that is consistently safe, reliable, efficient, environmentally responsible and forward thinking.

Category: Outcomes Policy
Title: Resource Conservation and Recovery
Policy Number: O-2B
Adopted: 09-28-2018
Revised: 10-29-2020

Natural resources are conserved, recovered and used in an environmentally responsible manner.



Beneficial Reuse



Today's Challenges Create Problems



Nutrients



Soil



Land
Use



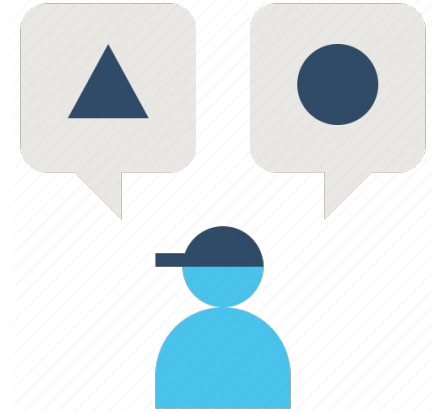
Climate
Change



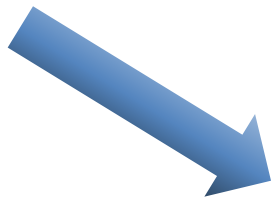
How to Address the Problem?



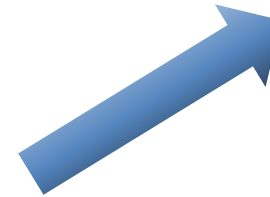
Assess Existing



Evaluate Alternatives



Develop Metrics for Evaluation



Questions to Answer



What products are most desired by our customers?



What products compliment our resource recovery goals?



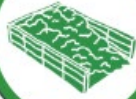
What technologies are easily integrated into our current processes?



Final Result



CLASS A CAKE



COMPOST



CLASS A LIQUID



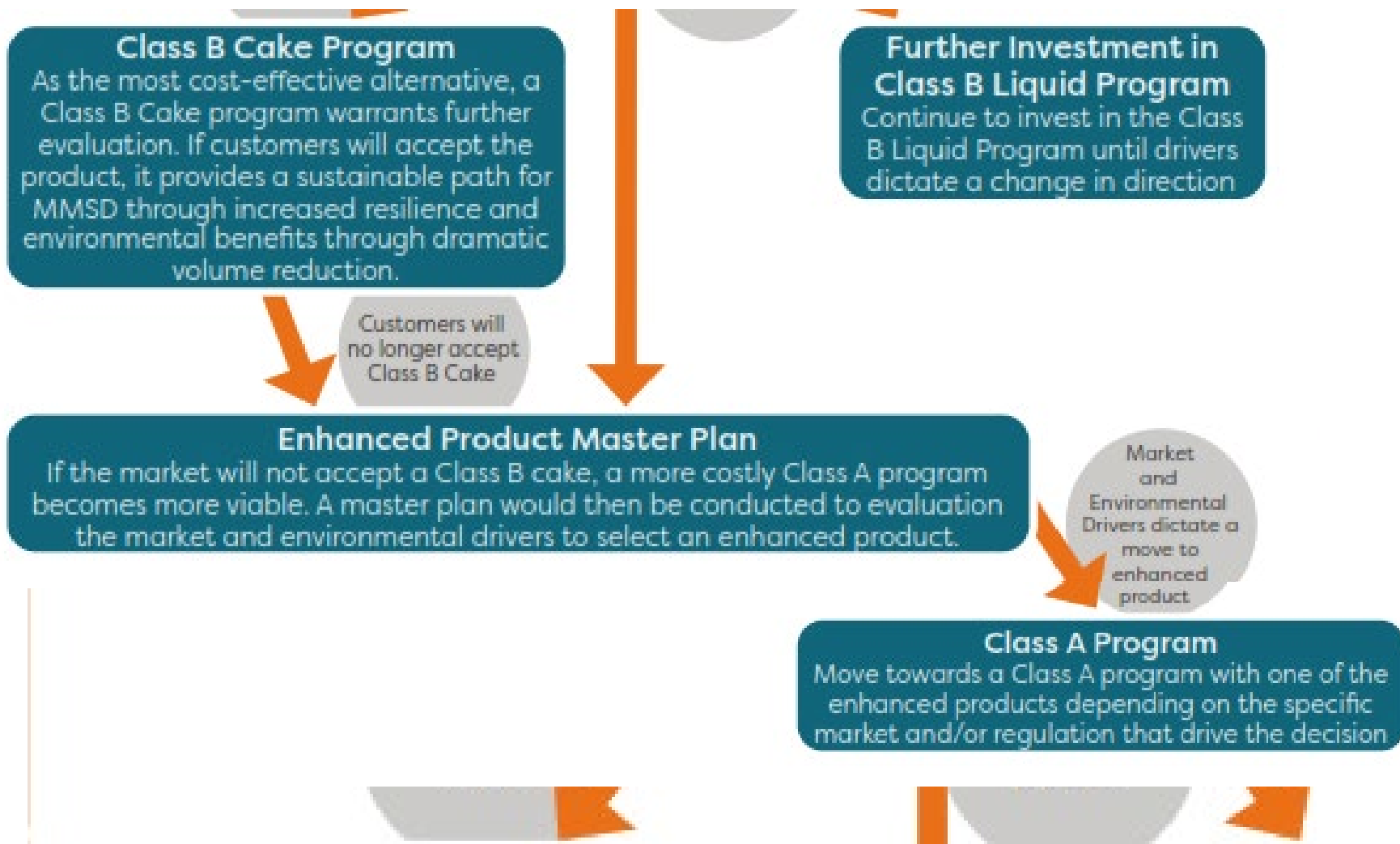
THERMALLY-DRIED PRODUCT



CLASS B CAKE



The Answer



Today's Challenges Are Future Opportunities



Nutrients



Soil



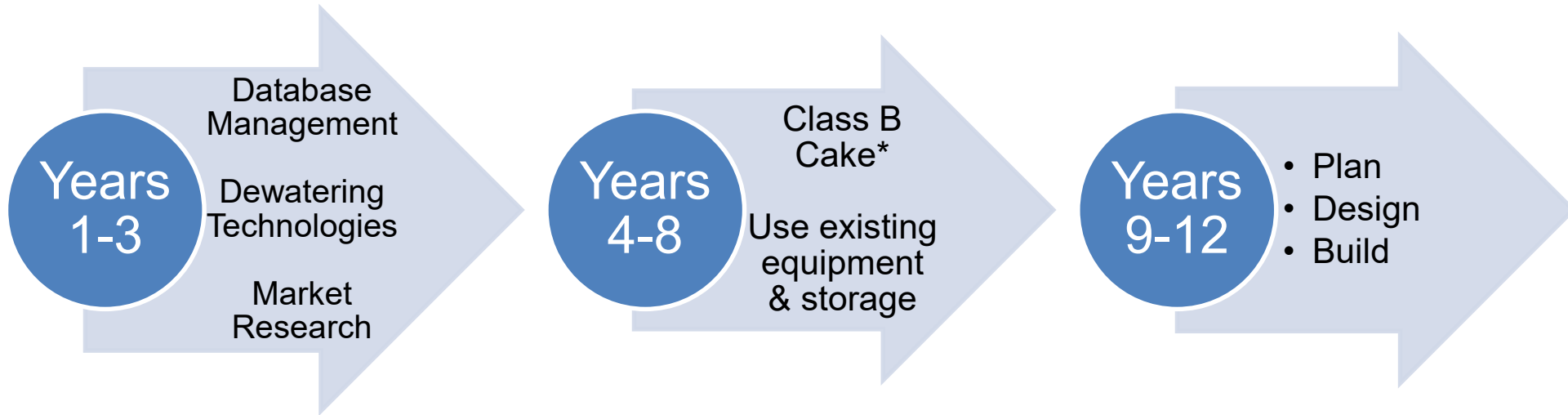
Land
Use



Climate
Change



Future Phased Approach



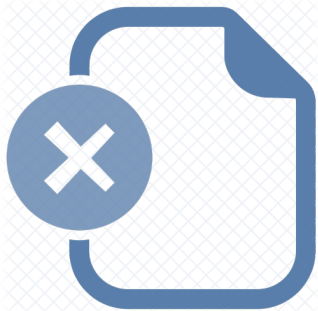
Questions For The Commission



Is the Commission comfortable with the recommended road map & identified decision points?



Is the District moving at the appropriate pace?



Does the Commission have interests that could be better addressed?



Thank You



Madison Metropolitan Sewerage District