2016 Integrated Solid Waste & Materials Management Plan

C.R.S 30-20-100.5
- How Citizens can make maximum use of waste reduction and recycling programs
- Challenges to public officials to react responsibly to assure safe and cost-effective solid waste management

Optimal solid waste management in Colorado should include the following elements:
- A statewide system of integrated solid waste management planning is necessary over the next 20 years.

Key Factors of the Integrated Plan
- Last Plan Released in 1992
- Current Status of Infrastructure - Landfills and Transfer Stations, MRFs, Composting
- Facility Issues – Enforce or Evaluate
- Wyoming Study – Protection of Water Resources
- Statewide Recycling – Hub and Spoke Development

Legislative Declaration

Goals & Objectives
- 20 year plan
  - Meet the disposal needs of the next 20 years
  - Reduce waste volume with goals on recycling composting
  - Responsible facility management
  - Educate about solid waste & materials management
  - Ensure adequate funding and resources
  - State and local efforts to reduce toxicity of the waste stream

- Changes since 1992 Plan
  - We know more now with experience
  - Recycling statutes and regulations
  - Evolving diversion methods (single stream MRFs, Composting, Anaerobic Digesters, etc.)
Steps Forward

- Subtitle D – 1993
- Senate Bill 07-1288
  - RREO 2007, 2013
  - Data collection & tracking
- Landfill Ban
  - 2007 – tires, batteries, used oil
  - 2013 – electronic waste
- Paint Stewardship - 2014
- Composting revisions - 2016

Regional Waste-Shed Analysis

Phase 1 – Evaluation
- Current State of Practice/Infrastructure
  - Available services, service areas
  - Regulatory compliance status
- Stakeholder Meetings: Public Input

Phase 2 – Life Cycle Cost Analysis Modeling
- Design & construction
- Operation & maintenance
- Closure & post closure
- Facility conversions & cost effective options
- True cost of proper disposal vs. cost of diversion per facility operations

Phase 3 – Final Report
- Regional “waste-shed” opportunities for improved service
- Facility cost modeling and recommendations
- Strategies to expand materials management services
- Stakeholder feedback on suitable programs
- Statewide & regional analysis & recommendations
- Short term & long term goals
The Top 10 List
Public Comments on the Plan

1. Increase waste diversion goals (too low in the Plan) (68%)
2. Increase technical assistance (68%)
3. Increase funding for waste diversion programs (66%)
4. Prioritize actions based on climate impact (60%)
5. Expand authorities on waste diversion (57%)
6. Establish a timeline/accountability (Implement Tier 1 goals by 2018-2019) (51%)
7. Prioritize Compost, food waste diversion & expansion of organics markets (40%)
8. Ensure adequate landfill tipping fees: funding not meeting cost to operate in compliance (32%)
9. Adopt/advance Materials Management approach & goals (28%)
10. Market Development / Economic Assistance programs (23%)