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Sarasota County Organics Facility Feasibility Study

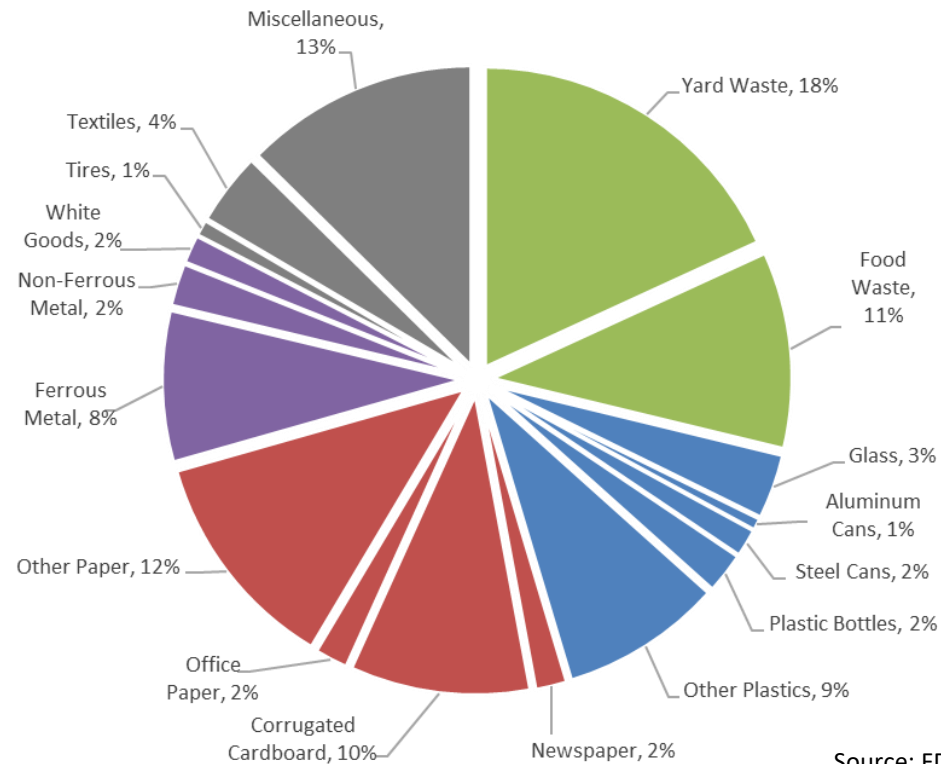
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Sarasota County Solid Waste
February 21, 2023

Organic Waste in Florida

- FDEP reported 5.8 million tons of yard waste and 3.4 million tons of food waste generated in 2021, almost 39% of MSW*.
- 66% of yard waste recycled and only 5% of food waste recycled.

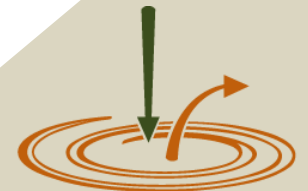
MSW* Generated in Florida (2021)



*Excludes C&D Debris

Source: FDEP

Organics Recover in Florida (2021)



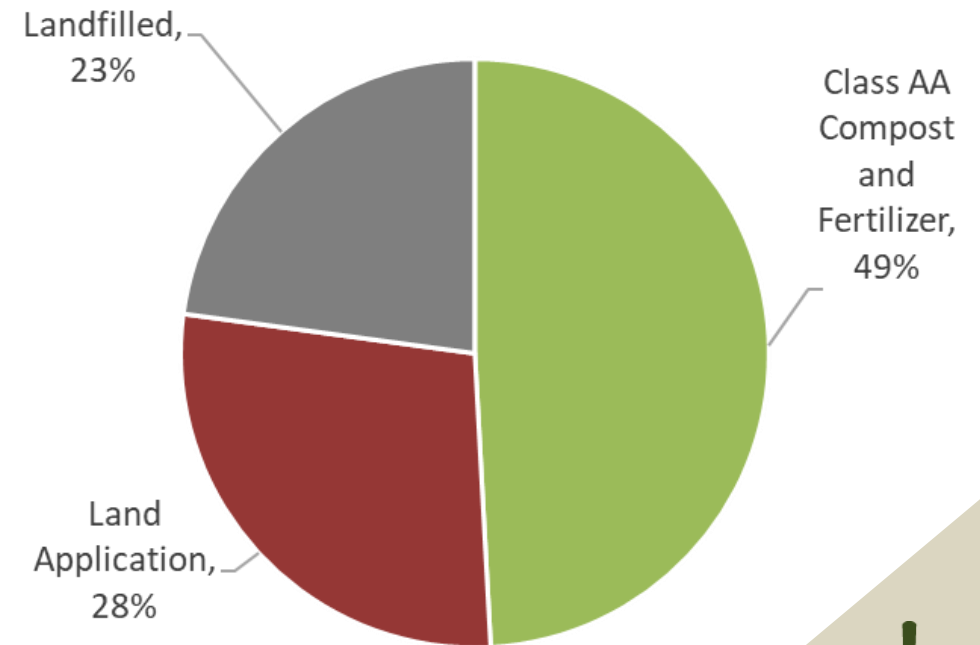
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Biosolids in Florida

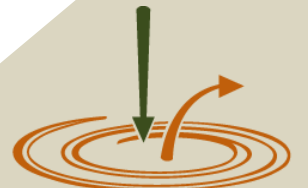
- Approximately 2,000 domestic wastewater facilities in Florida.
- Generate an estimated 350,000 dry tons of biosolids (2018).
- Half is converted to high quality compost or fertilizer.



Florida Biosolids Use & Disposal (2018)
(US dry tons, %)



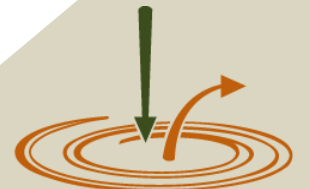
Source: National Biosolids Data Project



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Compost is Growing in Florida

- Private composters are investing in and developing facilities in Florida.
- New Florida chapter of the US Composting Council.
- FDEP is in the process of updating and rewriting the 62-709 (Organics Processing) regs.
- FORCE still actively maintains a website.

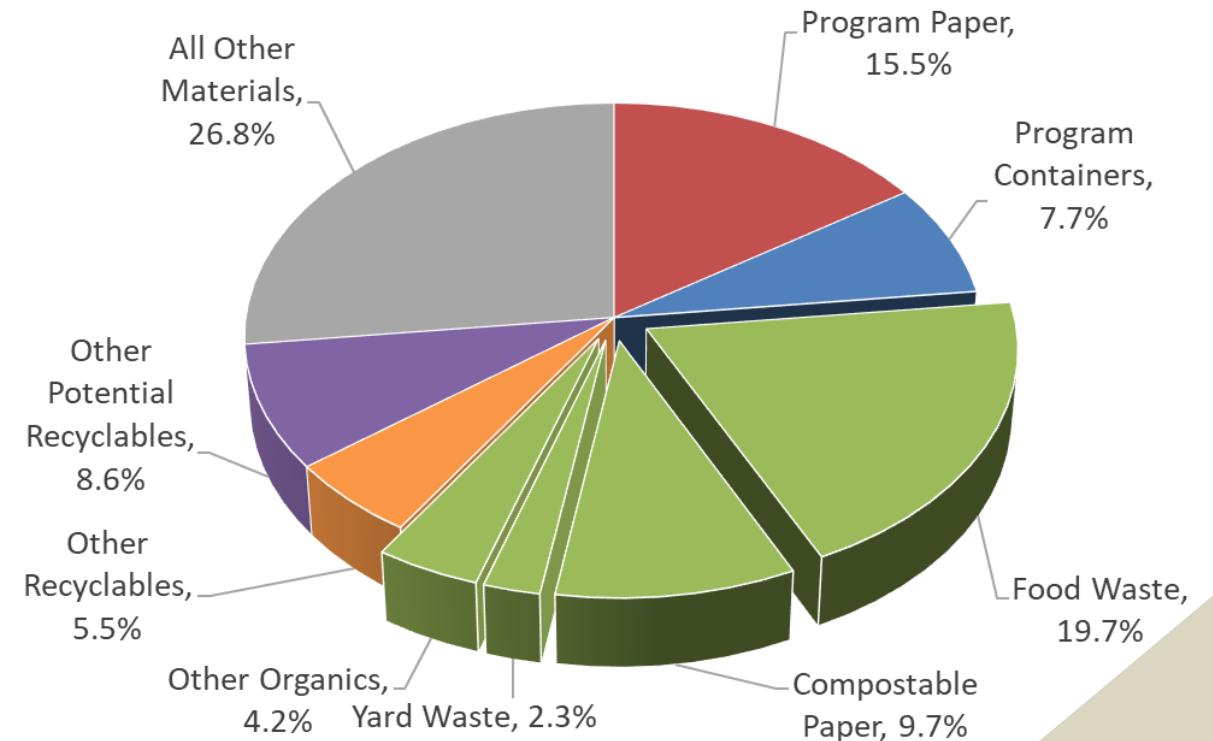


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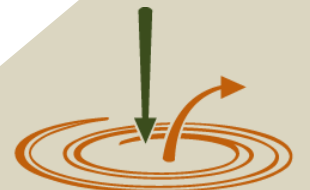
Organics in Sarasota County

- The County processed and recycled 65,000 tons of yard waste FY22.
- Over 35% of Class I waste disposed in the County is compostable.
- This includes 65,000 tons of food waste disposed in FY22 (roughly 50/50 split between commercial and residential)

Composition of Sarasota County Disposed Class I Waste



Source: Kessler Consulting, inc.



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