

Biomass Upcycling

- Facilitate the production of high purity biomass material to be an additional feedstock (sub-straight) for manure digestors
- Connect nutrient catch-strip perennial grass biomass to valuable end use
- Biomass fractionation (sorting) to concentrate & densify material streams
- Composting; establish multi-tenant hybrid composting pad
- Manure diversion for composting to reduce winter spreading

Support Increased AD Biogas Production and Nutrient Relocation

- Increased biogas production through inclusion of high purity biomass feedstock inputs (sub-straight) for manure digestors
- Reducing carbon emissions by row crop acres converting to perennial grass nutrient catch strips in riparian areas
- Carbon sequestration through compost incorporated in the soil
- Reduced winter manure spreading due to an alternate depository
- Inter-connection of Up-cycling facility with manure digestors to pipe post digested liquids to hybrid compost pad.