

Alternative Technologies:

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1. Technologies not currently in widespread applications in the US, perhaps they are in use in other countries or perhaps in the advanced R&D stages at the DOD or DOE, etc. What would be ready for the here and now – how can we move forward with an innovative alternative in terms of capital costs, risks, etc. Build it and they shall come but who is going to take the risk to build it and operate it, etc.
2. Employing technologies that are alternatives is desirable but difficult to know if that can be commercialized or be employed on a large scale to meet SWWG and SWM goals.
3. Discussion of big limiting factors – funding, regulations, etc.
4. Waste to Energy alternatives run into challenges due to expensive to build can the resulting electricity or recycled natural gas have a market to accept the energy.
5. Issues of Public will of the people
6. Technologies that can keep items out of the landfills
 - a. How do we better divert items.
 - b. Anaerobic digestion
 - c. Pyrolysis – Anaerobic Digester leading to RNG (pipeline quality).
 - d. There are triple bottom line considerations – political/societal will; economics of the alternative, technical issues and environmental impacts of the alternative.
7. Discussion of digesters and RNG potential, discussion on diversion of the food waste
8. Recycled Natural Gas – pipeline quality from those anaerobic digester applications.
9. Closed loop systems are proposed sometimes but due diligence is needed to see if they really can scale up and be used effectively.
10. We will meet at the monthly meetings.
11. Smart Center – Rob Watson – Upland Roads was recommended by Duncan to present to the entire SWWG and this will be proposed to representative Ebel. MRF on steroids discussion from Duncan – more items separated – moving towards 80% diversion as an ideal situation.
<https://www.uplandroad.eco/about-rob-watson>
12. Technologies for landfill sites – unbuilding a closed cell of a landfill – landfill mining.
13. Expansive growth of plastic reuse possibilities.
14. Monthly meetings as part of the SWWG meeting time will be fine – homework assignment for next time folks please bring technologies that have potential based on your experiences,