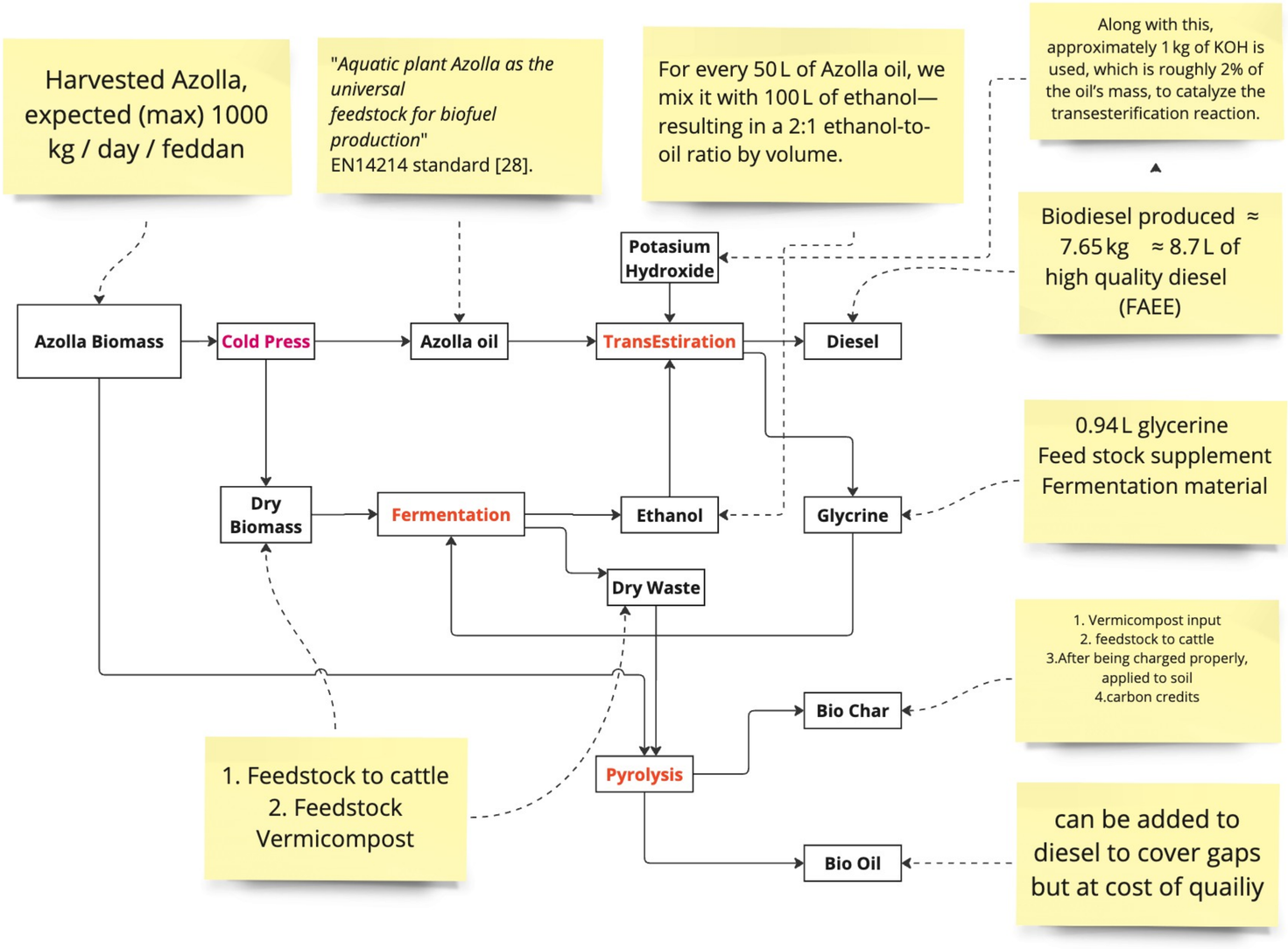

Initial Fresh Azolla: 1,000 kg (≈90% water)
Total Dry Biomass: ~100 kg
Dry Biomass for Oil Extraction (85%): 85 kg (from ~850 kg fresh)
Oil Extracted: ~8.5 kg (~9.44 L)
Dry Biomass for Fermentation (15%): 15 kg (from ~150 kg fresh)
Ethanol Produced: ~18.75 L
Transesterification Requirements: ~2:1 ethanol-to-oil by volume
Biodiesel Produced (≈90% conversion): ~7.65 kg (~8.7 L) diesel
Glycerine Produced: ~0.94 L