

**FROM PAPER TRAILS TO ELECTRONIC MANAGEMENT SYSTEMS: GREEN LINING THE BIOMASS
CONVERSION PROCESS**

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The ability to enhance the efficiency of biomass conversion to biofuel for greener alternatives has significant potential in a rapidly growing alternate energy sector. The optimization of the biomass processing workflows has been an evolving process where the establishment of informatics architecture can play an important role in streamlining the steps and enabling collaboration between development, bioprocess/bioconversion, and analytical testing functions. The presentation will focus on the need for integration and the adoption of informatics capabilities to facilitate seamless knowledge and process management.