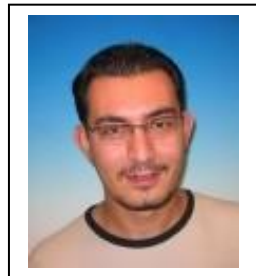


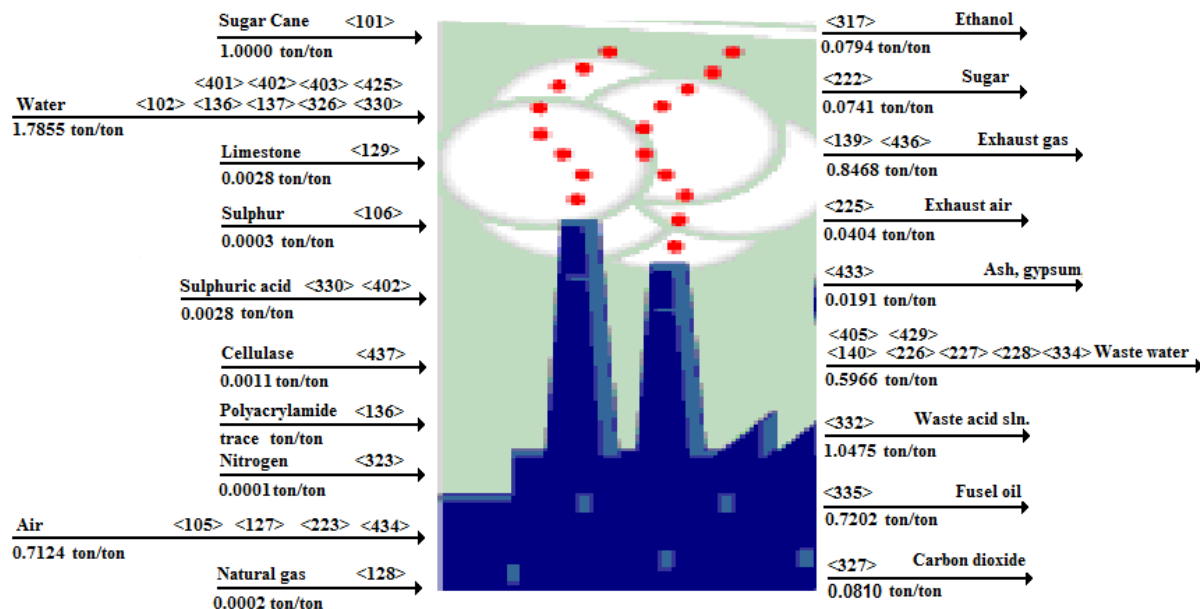
Feasibility analysis of production of ethanol from sugar cane

PD Eng: Çağrı Efe
Supervisor: Prof.Dr. L.A.M. van der Wielen, Dr. A.J.J. Straathof
Institute: Delft University of Technology, Department of Biotechnology, Bioseparation Technology section
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Description

A Brazilian sugar-ethanol plant using 1st generation technology was conceptually designed and compared to a plant using hypothetical 2nd generation technology. The designs contained detailed mass and energy balances and equipment design. Both plants were economically attractive, but the second one was most profitable.



Publications from this work

1. Ç. Efe, PD Eng thesis, Delft University of Technology, 2005
2. Ç. Efe, A.J.J. Straathof, L.A.M. van der Wielen (2007). Technical and Economical Feasibility of Production of Ethanol from Sugar Cane and Sugar Cane Bagasse. [B-Basic Report](#), Delft, ISBN: 978-90-809691-6-2