

The Mid-Michigan Section of SAE,
Dinner and Program

Monday November 7th, 2011

6:00 PM Social Hour, 7:00 PM Dinner, 8:00 PM Program

Kettering University, Gold Room

1700 W. Third Ave, Flint, MI

Students, \$18; Retirees, \$20; Members, \$25; Non-Members, \$30

Seating is limited – make your reservation early.

The Mid-Michigan Section of

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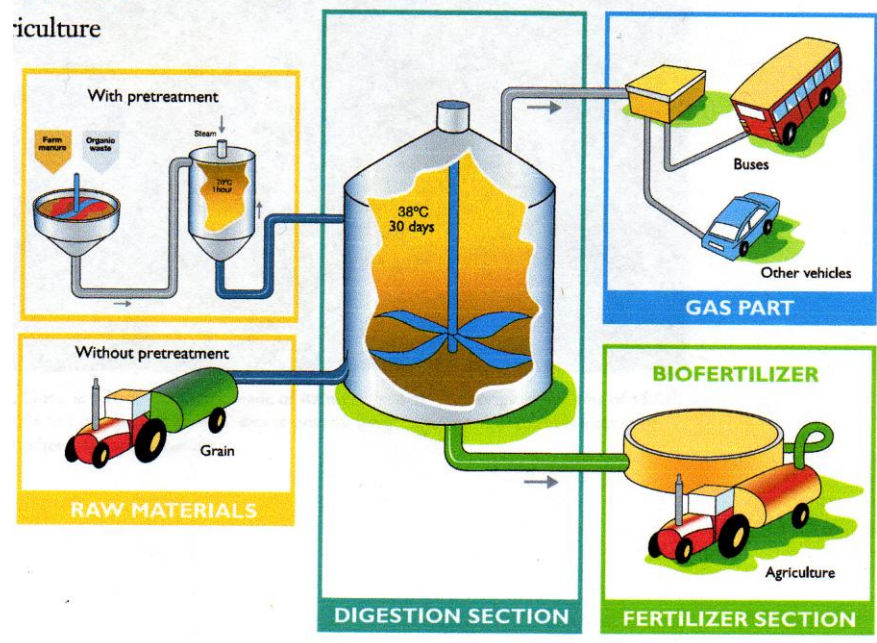
A Look at the Swedish Biogas International Plant in Flint, MI

Presented by Anna Brynås

Lab Manager and Lead Process Engineer at Swedish Biogas International LLC of Mich.

Biogas is methane produced from renewable organic raw materials. The gas is part of a natural eco-cycle and, therefore, there are no net emissions of carbon dioxide into the atmosphere. The production and use of biogas as an energy source represent an efficient use of resources with minimum environmental impact. In the production plants we design and build, the biogas is produced in a completely natural process. The raw material is digested in oxygen-free tanks, where highly specialized micro-organisms convert the organic material into biogas.

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BIO:



Anna Brynås is the Lab Manager and Lead Process Engineer at Swedish Biogas International (SBI) LLC, a Michigan based firm specializing in the development, ownership and operation of biogas production facilities. SBI is a State of Michigan Center of Energy Excellence (COEE) dedicated to the advancement of biogas / biomethane technology in North America

Before taking the opportunity to come to the U.S., Anna had been working as a Biogas Process Engineer at the Swedish Biogas parent company in Linköping, Sweden. She has previously worked at Tekniska Verken in Linköping as a part of their advanced biogas research team. Before that she worked as a process engineer at Siemens Industrial Turbo machinery.

Anna holds a Bachelor of Science Degree in Chemical Engineering and a Master of Science Degree in Energy & Environmental Engineering, both from Chalmers University of Technology in Gothenburg, Sweden.

**For those interested, there will be a tour of the biogas plant following the program.
A car caravan will be leaving from Kettering about 9:00 P.M.**

Reservations required by: **Noon Wednesday, Nov 2, 2011**

Contact **Bernard Santavy** at SAEMidMichSec@cs.com or (810) 635-7948 or purchase online
at <http://www.midmichigansae.org> **Menu: Plated Meal**

Next meeting: Thursday Feb 23rd, 2012 at Frankenmuth Bavarian Inn Lodge, Engineers Week, Student Chapter Presentations.