

BIO-FUELS - METHANE FROM ANIMAL WASTE

V.Ryan © 2000 - 2009

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

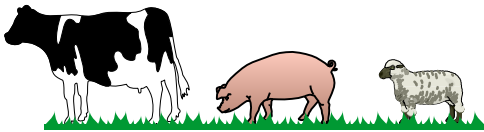
THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.
NOT FOR COMMERCIAL USE.
THIS WORK IS PROTECTED BY COPYRIGHT LAW.
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN www.technologystudent.com

BIO-FUELS - METHANE FROM ANIMAL WASTE

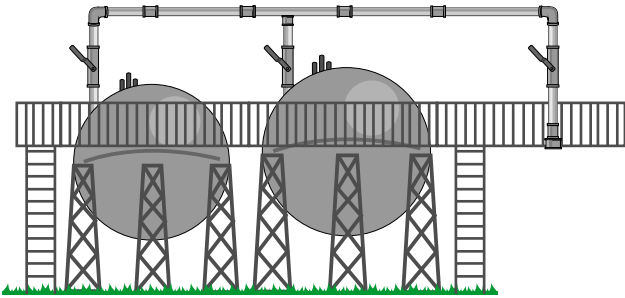
V.Ryan © 2009 World Association of Technology Teachers

1. Methane is a gas and a bio-fuel. In general terms, describe how a farm can collect and use this useful bio-fuel.

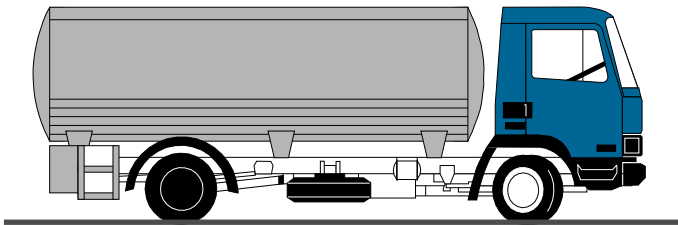
2. Collecting animal waste, processing and storing the waste, distributing processed methane to the customer and finally using methane gas, are seen as a sequence of drawings below. Write notes alongside each of the drawings, describing the various stages, in detail.



COLLECTION:



PROCESSING AND STORAGE:



DISTRIBUTION:



USE BY THE CUSTOMER:

3. Do you think that bio-fuels (as described above - methane) have a future in our energy hungry society? Explain your answer. The key words / phrases may help you consider your answer.

CONVENTIONAL FUELS POLLUTING OIL + COAL ENHANCE ALTERNATIVE ENERGY
REDUCE NUCLEAR PRODUCTIVE RECYCLING OF WASTE
