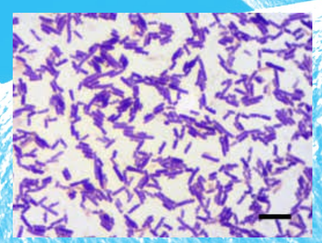
La Méthanisation

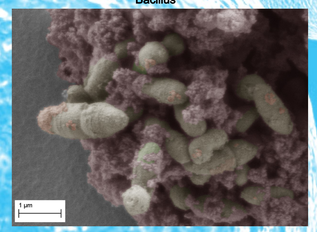
Matière organique complexe

(Protéines, lipides, sucres)



Clostridium

Bacillus



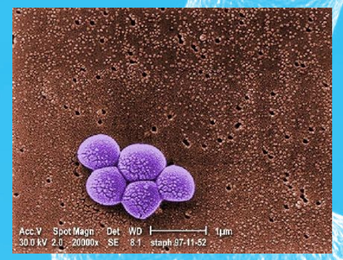
Rominococcus

Bactéries hydroliques

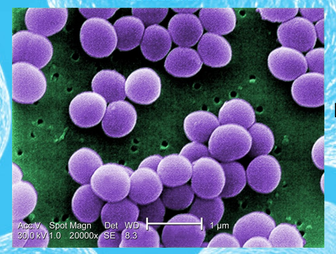
(Les bactéries hydroliques sont un regroupement de plusieurs bactéries)

Matière organiques simple

(acides aminés, glycérol, osides, acide, gras)



Acetobactérium



Eubacterium

Syntrophobacter

Bactéries fermentatives

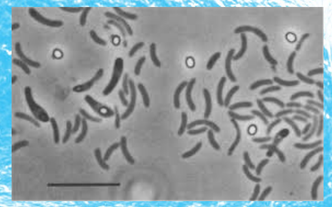
(les bactéries fermentatives sont un regroupement de plusieurs bactéries)

Composés neutre

(alcool, glycérol)

Acides organiques

(lactate, propinate)



Sporomusa

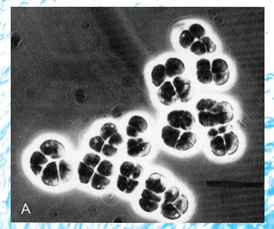
Eubacterium

Desulfovibrio

Bactéries acétogénèse

Bactérie méthanogènes hydrogénophile

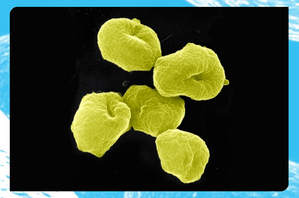
CO2+H2



Methanosarcina barkeri str. Fusaro

Biogaz

CO2+H2

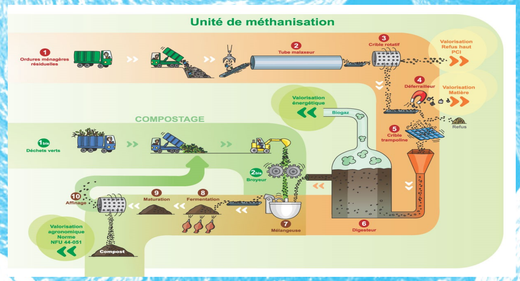


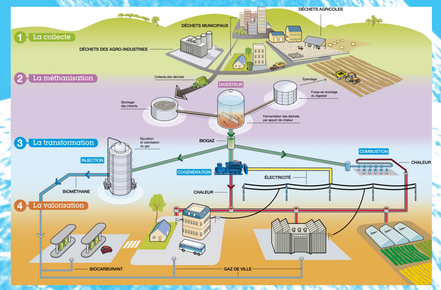
Sulfolobus

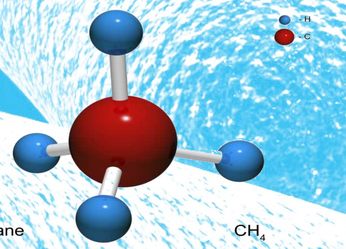
Acétale

Bactérie méthanogènes acétoclastiques

Usine de méthanisation







Methane CH_4

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