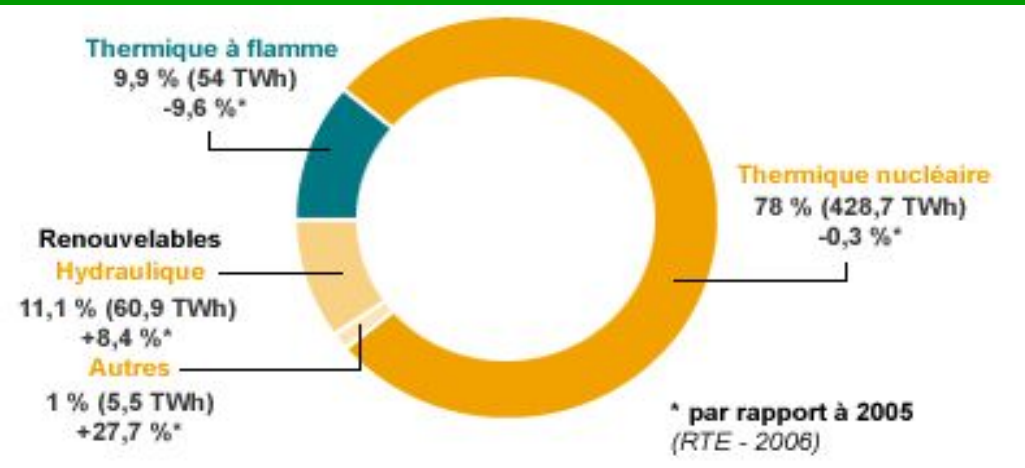
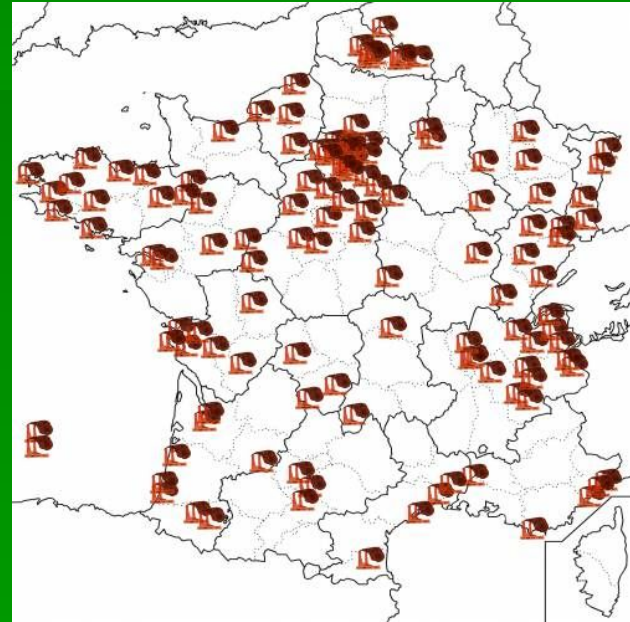
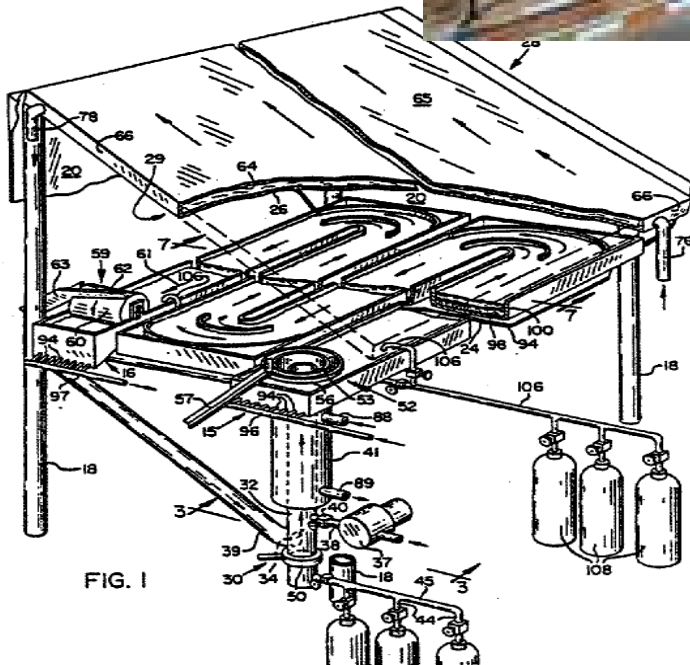


Licence TvdI de tarbes

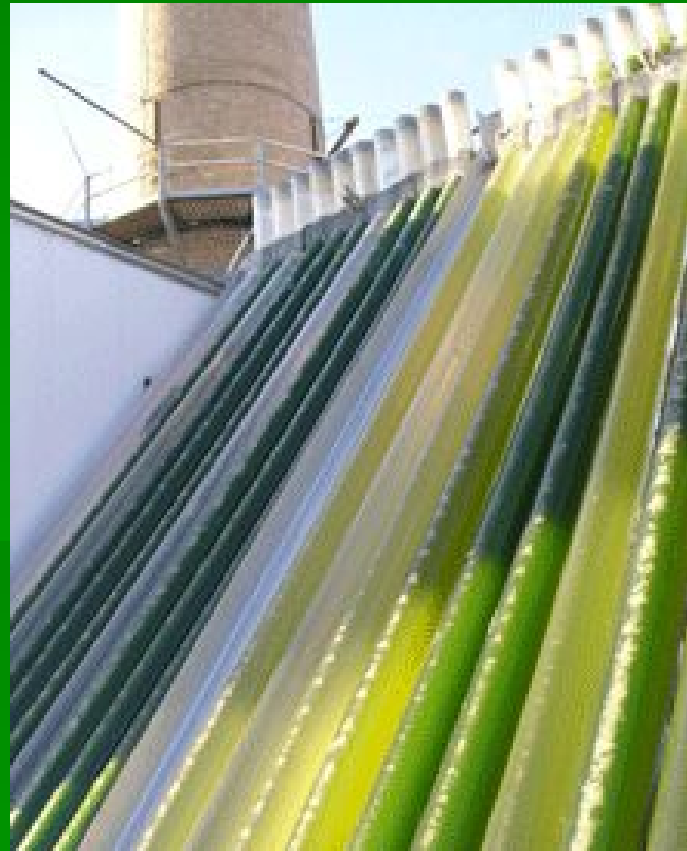


In service **128**

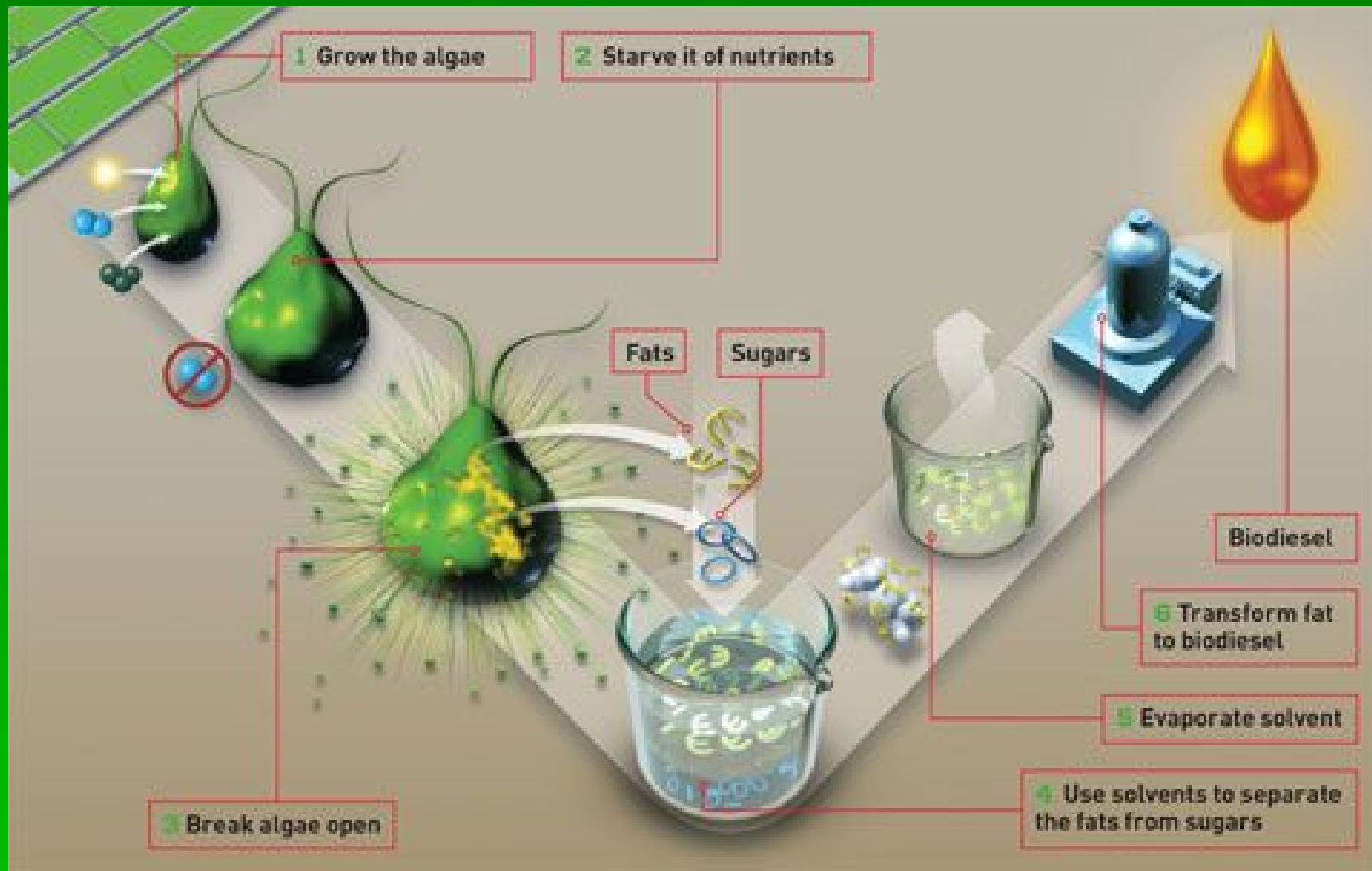


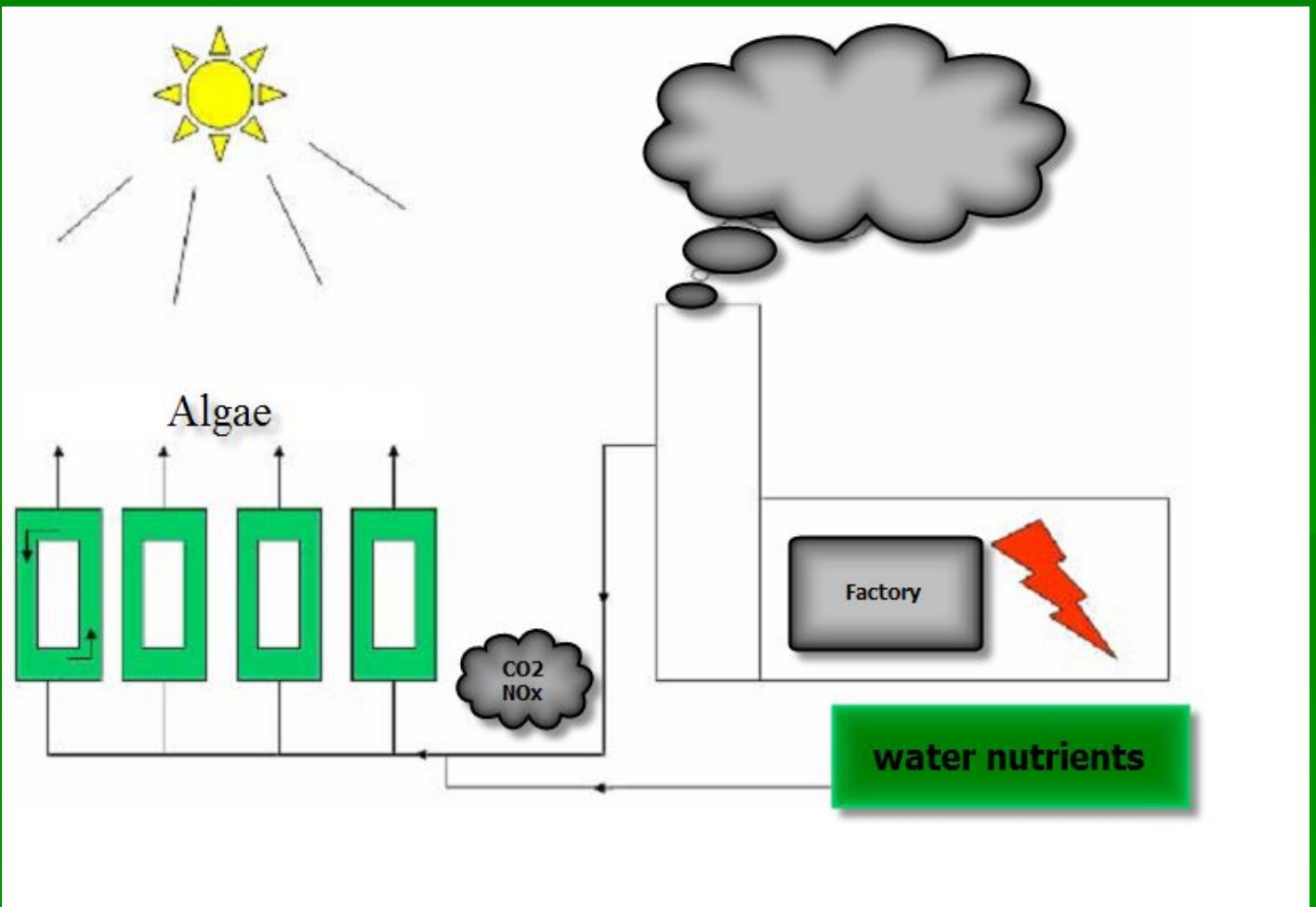


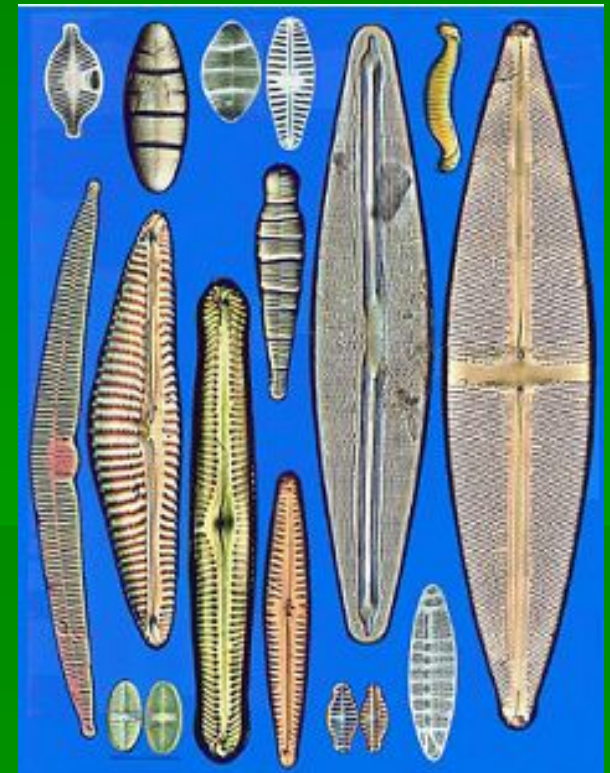
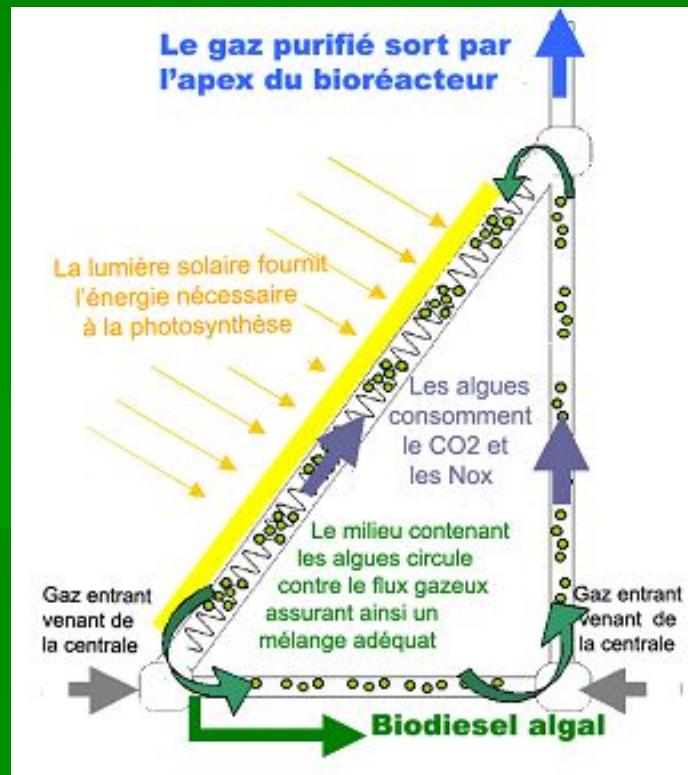


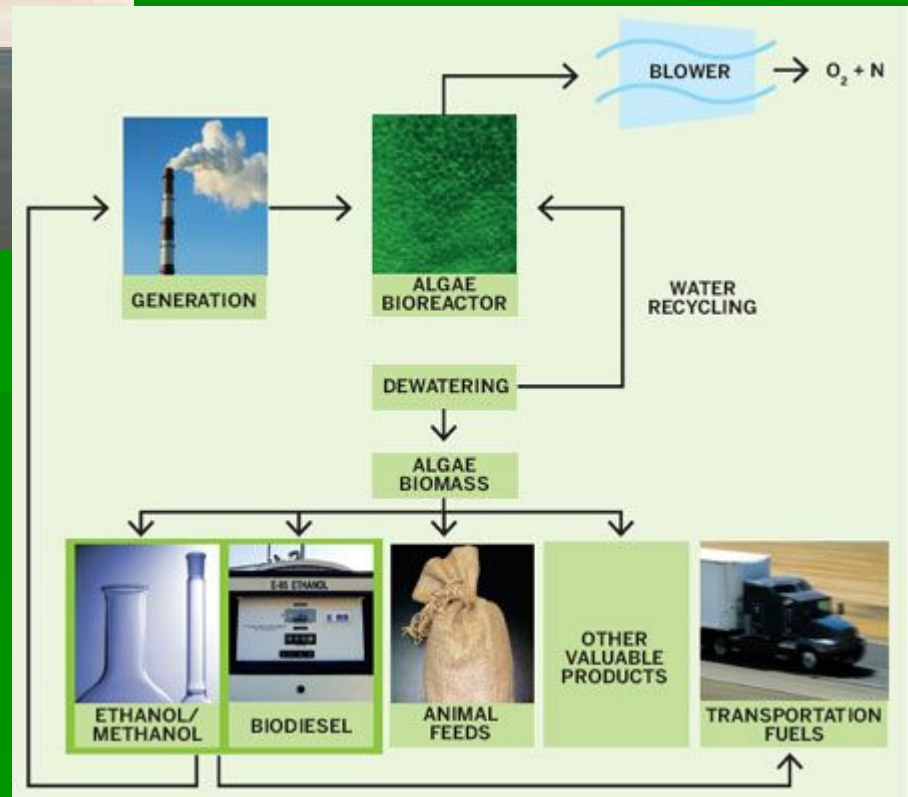














LiveFuels Inc
Solazyme





can be used to produce ~ 1500 L





Comparison of some sources of biodiesel

Crop	Oil yield (L/ha)	Land area needed (M ha) ^a	Percent of existing US cropping area ^a
Corn	172	1540	846
Soybean	446	594	326
Canola	1190	223	122
Jatropha	1892	140	77
Coconut	2689	99	54
Oil palm	5950	45	24
Microalgae ^b	136,900	2	1.1
Microalgae ^c	58,700	4.5	2.5

^a For meeting 50% of all transport fuel needs of the United States.

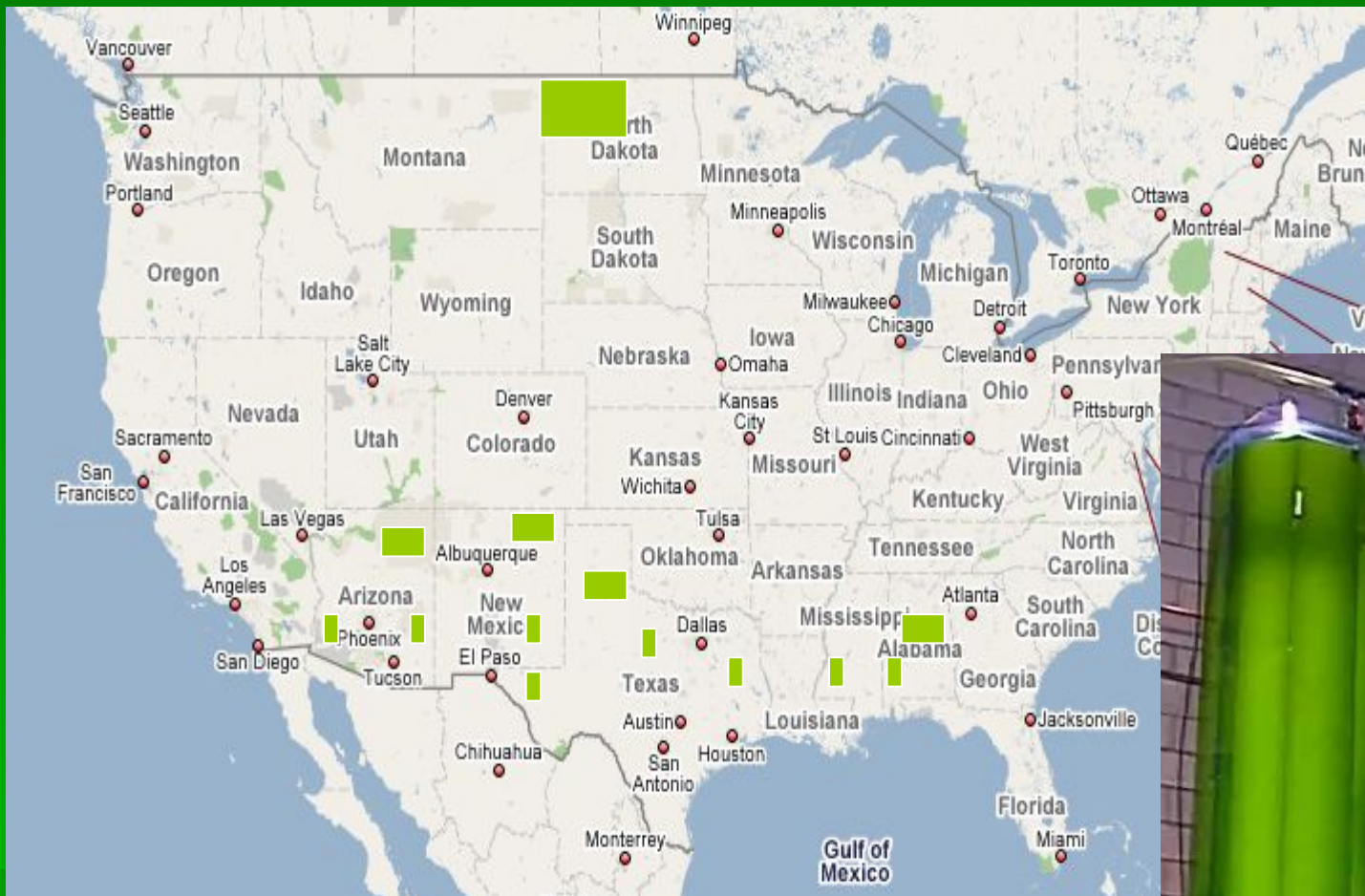
^b 70% oil (by wt) in biomass.

^c 30% oil (by wt) in biomass.



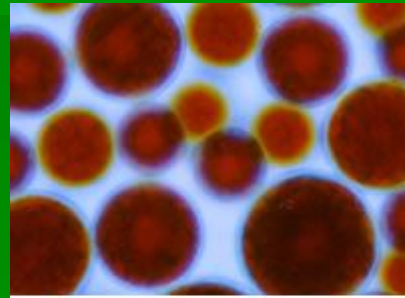
Oil content of some microalgae

Microalga	Oil content (% dry wt)
<i>Botryococcus braunii</i>	25–75
<i>Chlorella</i> sp.	28–32
<i>Cryptocodinium cohnii</i>	20
<i>Cylindrotheca</i> sp.	16–37
<i>Dunaliella primolecta</i>	23
<i>Isochrysis</i> sp.	25–33
<i>Monallanthus salina</i>	>20
<i>Nannochloris</i> sp.	20–35
<i>Nannochloropsis</i> sp.	31–68
<i>Neochloris oleoabundans</i>	35–54
<i>Nitzschia</i> sp.	45–47
<i>Phaeodactylum tricornutum</i>	20–30
<i>Schizochytrium</i> sp.	50–77
<i>Tetraselmis sueica</i>	15–23



NORTH DAKOTA (1889) : 183460km²

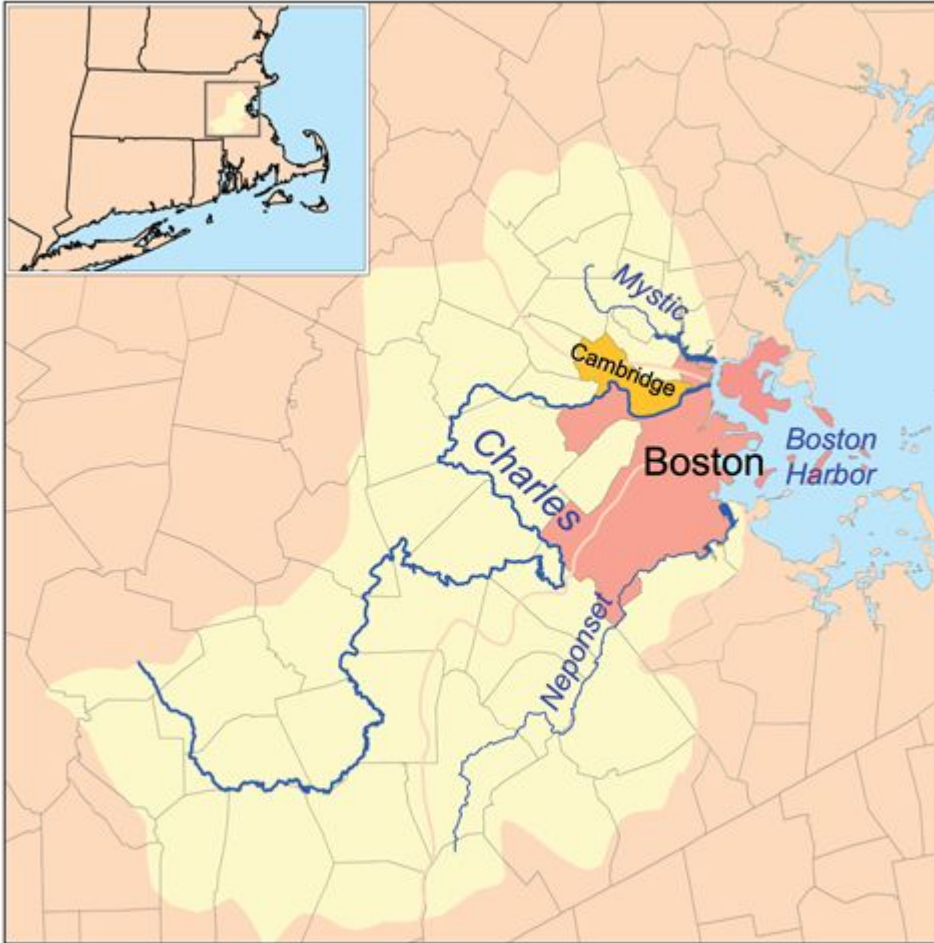












The **Charles River** is a small, relatively short river in Massachusetts, USA, that separates Boston from Cambridge and Charlestown.

Despite its famous water pollution, making the Charles "Swimmable by 2005" became an important EPA goal¹. While this promise was not reached in time, swimming and fishing are progressively re-emerging as about 90% of the length of the river is now considered safe for swimming². Health risks remain, however, particularly after rainstorms and when walking in certain riverbeds stirs up toxic sediment.