algae farms algae and energy independence - american energy independence and algae farms notice experience with open pond algae production has shown significant problems although the final stage of algae oil production converting the lipids into biodiesel is a proven cost effective process growing the microalgae lipids in open ponds is not so easy, introduction to algae basics types of algae forms of - seaweed is a loose colloquial term encompassing macroscopic multicellular benthic marine algae the term includes some members of the red brown and green algae, cultivation of algae photobioreactor oilgae oil from - algae cultivation can be achieved in two ways open ponds and photobioreactors pbr a photobioreactor is a closed equipment which provides a controlled environment and enables high productivity of algae, obama s algae energy euphoria is pond scum a green scam - is there something fishy about algae is it the revolutionary new fuel source opportunity the obama administration represents it to be last february in a university of miami campaign speech intended to pacify prospective pump price panicked patrons the president said we re making new investments in the development of gasoline and diesel and jet fuel that s actually made from a plant, organic mechanic go green technology - energy saving home improvements green efforts save you money and they protect the planet for future generations energy saving home improvements make your house a bit more green without requiring tearing it down and building a zero energy home, biomass from algae renewable energy focus - biomass from algae 01 february 2009 george marsh fuels made from living biomass rather than organisms fossilised some 200 million years ago have attracted worldwide attention and suspicion, green oil scientists turn algae into petroleum in 30 minutes - a new generation of scientists says that s hogwash it s not about finding a particularly oily algae it s about the process of turning any algae into oil says jim oyler ceo of genfuel who has worked closely with douglas elliott and other researchers at the pnnl for years and has licensed the technology, biodiesel algamoil organic oil algae microalgae - design and construction of plants for the production of vegetable oil and biodiesel from algae with patented technology and certified productivity, 150mpg algae powered toyota prius alternative energy news - first algae fuel powered vehicle in the world was officially launched in san francisco the car called algaeus is a modified toyota prius which derives power from green crude from sapphire energy, biofuel and biomass energy science fair projects and - biofuel and biomass energy science fair projects and experiments topics ideas resources and sample projects, biofuels biofuel information guide to biofuels - a biofuel is defined as any fuel whose energy is obtained through a process of biological carbon fixation that definition serves to make our understanding of biofuels as clear as mud so let s unpack it a bit biological carbon fixation carbon fixation is a process that takes inorganic carbon in the form of things like co 2 and converts it into organic compounds, bp energy outlook 30 growth in green car congress - the 2017 edition of the bp energy outlook published today forecasts that global demand for energy will increase by around 30 between 2015 and 2035 an average growth of 1.3 per year however this growth in energy demand is significantly lower than the 3.4 per year rise expected in global gdp reflecting improved energy efficiency driven by technology improvements and environmental concerns, getting grants from your council energy saving secrets - here is our basic guide to finding applying for a grant from your council to help you make your home more energy efficient environmentally friendly, the top 25 green cities in the uk energy saving secrets - we re outlining the best and worst green cities in the uk the places where becoming more energy efficient and going green have been successfully incorporated into urban life