

Thank you for your comment, DESMOND FARRELLY.

The comment tracking number that has been assigned to your comment is SolarS50506.

Comment Date: July 15, 2008 11:12:46AM
Solar Energy Development PEIS
Comment ID: SolarS50506

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Attachment: An_Introduction_to_Jatropha_Digiver.ppt

Comment Submitted:

AS A MEMBER OF THE 34TH AD COMMITTEE, AS WELL AS THE DEMOCRATIC PARTY CANDIDATE FOR THE 34TH AD ASSEMBLY, I HAVE LONG BEEN AN ADVOCATE OF SUSTAINABLE USE OF OUR PUBLIC LANDS. IN ADDITION, THE RIGHT TO LEASE OR OBTAIN BLM LAND FOR THE USE OF ENERGY PRODUCTION, BE IT FOR THE APPLICATION OF WIND TURBINE ENERGY PRODUCTION, PHOTOVOLTAIC PANELS, AND MORE RECENTLY THE AGRICULTURAL APPLICATION OF GROWING BIODIESEL, THROUGH BROADSCALE PLANTING OF JATROPHA, SPECIFICALLY ADAPTED TO REGIONS OF CALIFORNIA BLM DESERT ZONES, FOR THE PURPOSES OF ENSURING A RELIABLE SOURCE OF ENERGY AND VIABLE SOURCES OF DIESEL FOR THE UNITED STATES.

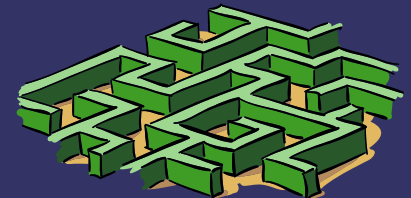
I AM INTERESTED IN OBTAINING PERMISSION TO GROW TEST PLOTS OF CERTAIN VARIETIES OF JATROPHA WITH THE INTENT TO DEVELOP A RELIABLE SOURCE OF BIODIESEL THROUGH THE DEVELOPMENT OF PLANTATIONS THAT WOULD HAVE VIRTUALLY NO IMPACT ON NATIVE ANIMAL OR PLANT SPECIES, NOR WOULD IT REQUIRE THE USE OF ANY EXTERNAL WATER SOURCES TO PUT THIS PLANT INTO WIDESCALE PRODUCTION. I HAVE BEEN WORKING WITH JATROPHA FOR OVER A DECADE, AND HAVE DEVELOPED A NON-TROPICAL VARIETY THAT CAN BE EXPLOITED FOR THE PURPOSES OF DIESEL PRODUCTION, RIGHT HERE IN THE STATE OF CALIFORNIA. [See Attachment.](#)

Money Grows on Trees®

Introduction To Jatropha

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Desmond Farrelly & Salim Mastin
In-House Publishing, California, USA



Leading the Way to Energy Independence for America



➤ Green Energy for California, and the Rest of The World Presents:

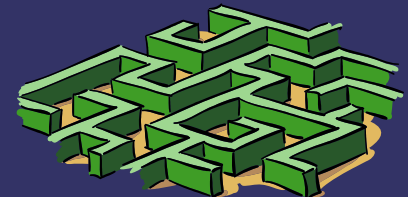
➤ “Introduction to Jatropha”

➤

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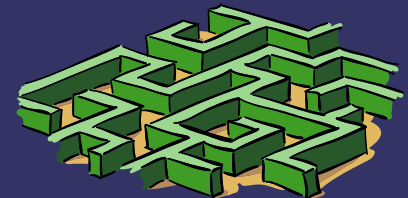
D. Farrelly & S. Mastin

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What If I told You

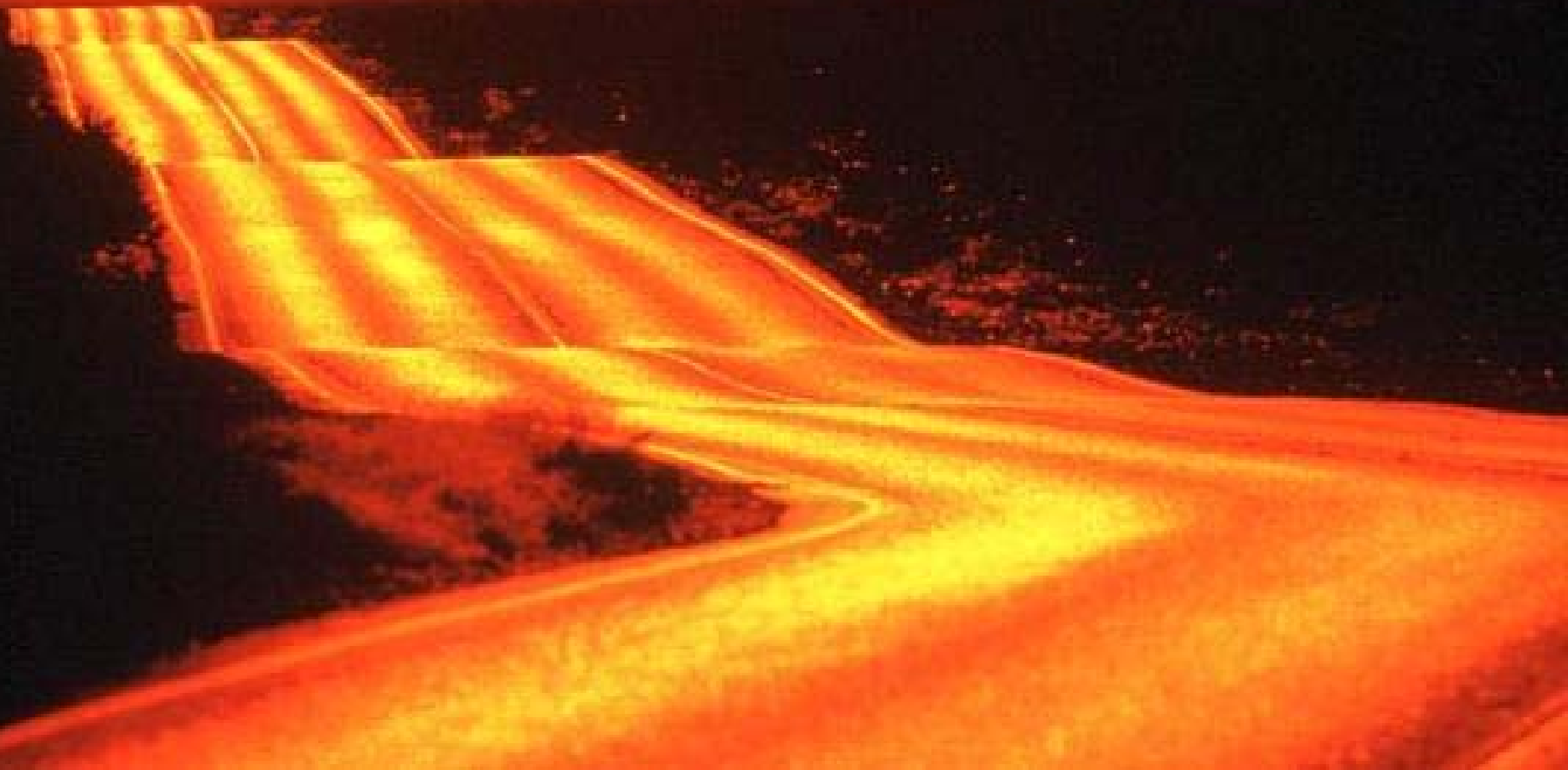
- **That Money Grows on Trees ?**
- **That We Can Grow our Own Supply of Diesel ?**
- **That the Diesel We Grow is Good for the Environment ?**
- **That the Diesel We Grow Needs Very Little Water ?**
- **That We Can Help Meet California's Energy Needs Today ?**

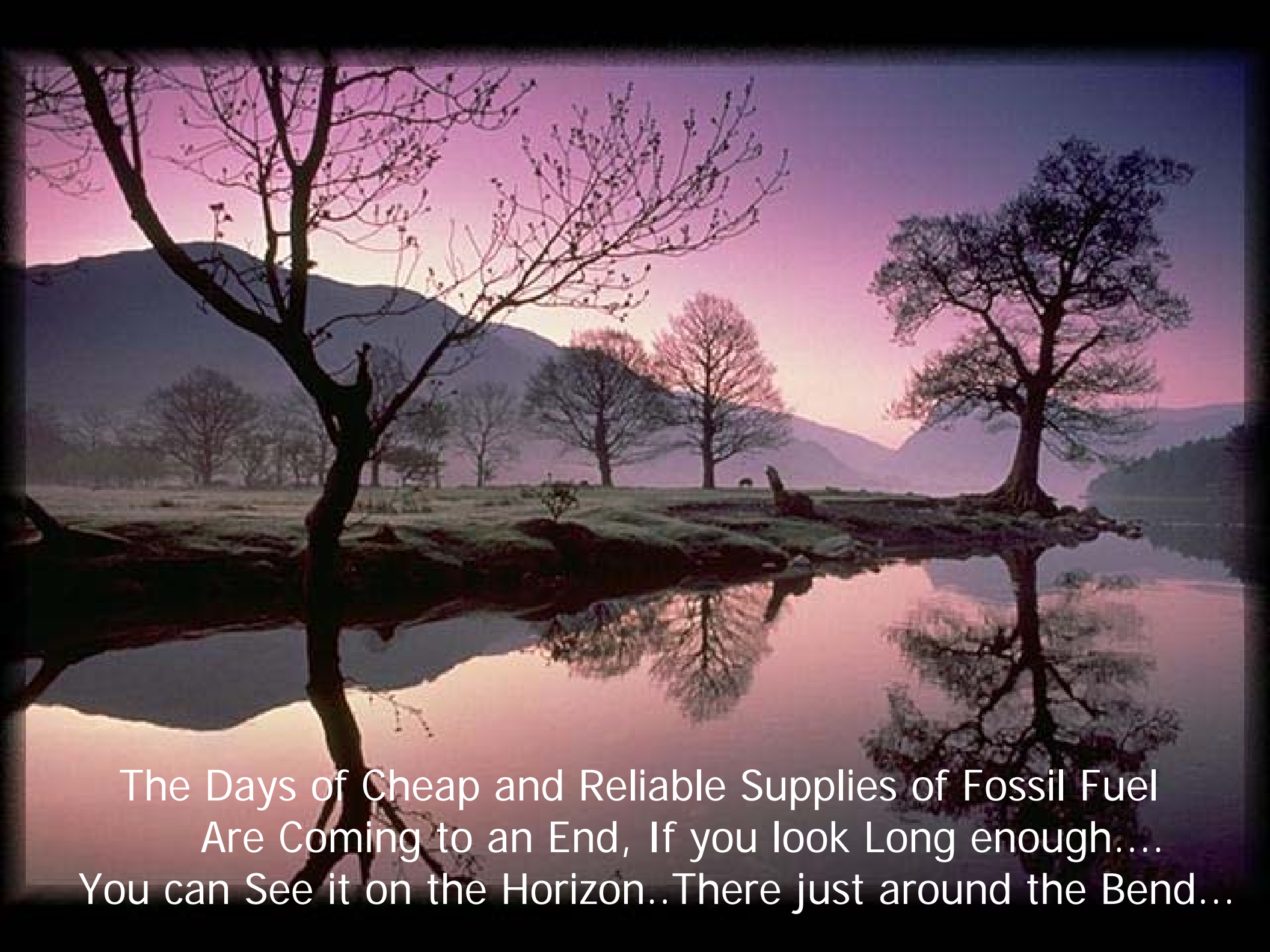


America is Dangerously Dependent on the Importation of Foreign Oil to Fuel her Energy Needs



California Ranks Number Three on the Annual Global Consumption Rate out of the Entire World's Total Oil Supply and Production Scale





The Days of Cheap and Reliable Supplies of Fossil Fuel
Are Coming to an End, If you look Long enough....
You can See it on the Horizon..There just around the Bend...

**What if...We eventually did run out of Oil?
What Would You do?**



As the Sunset Begins to Close on the Age of Petroleum based Fuels we Need to find Alternatives, We need to Find Another Way



We Still Have Water



**We have Hydroelectric Power,
and That is Something We Know
We can depend On**



We Still Have the Sun



We Know The Sun is a Reliable and Renewable Source of Energy



***We Know We Always Have the Wind to Blow Across
the Face of the Earth***



***We Know We can Produce Reliable
Energy from the Wind***

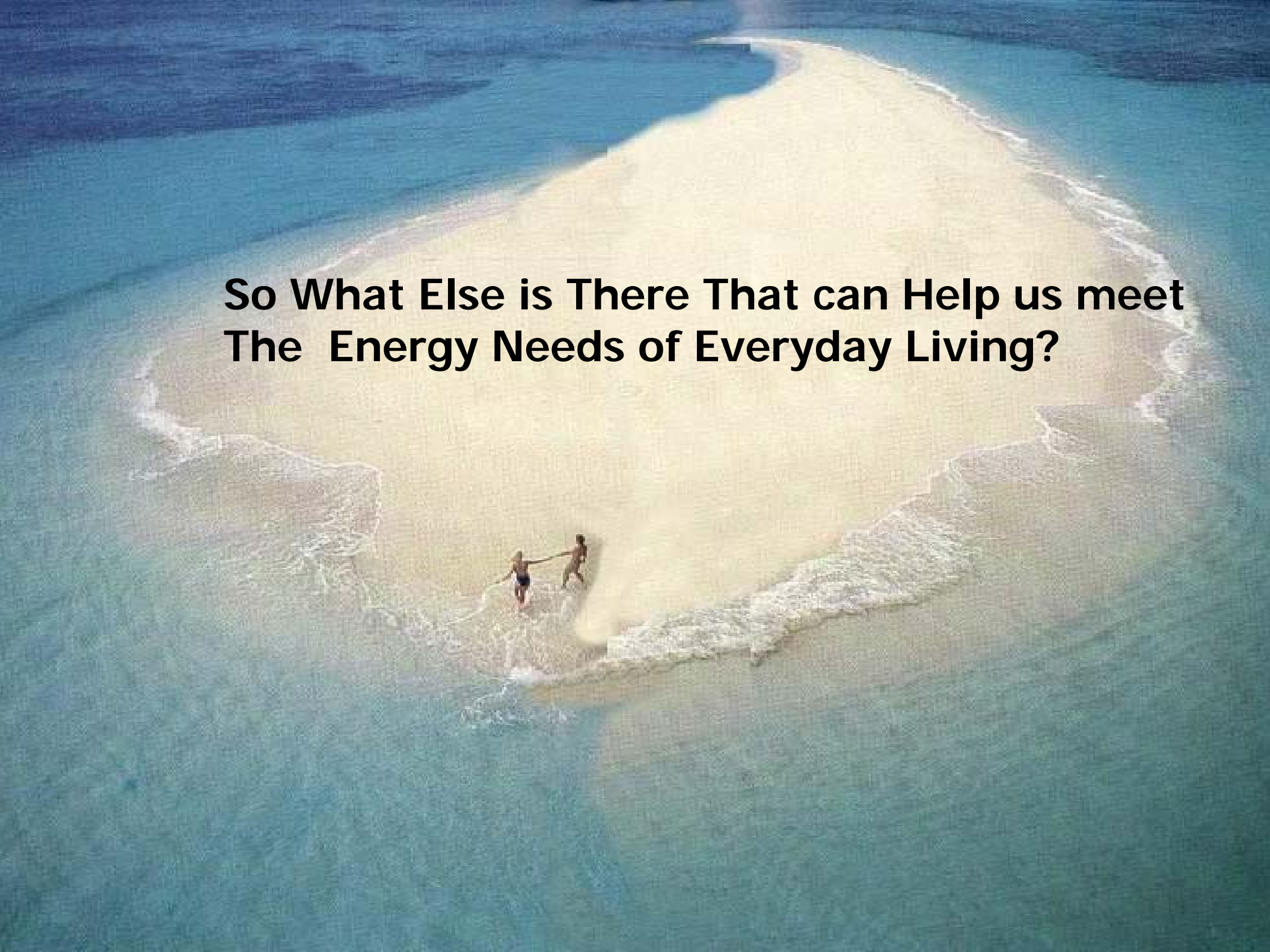


We Know We Have Biomass



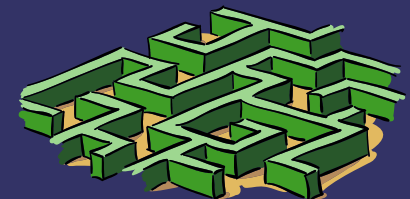
Ethanol Fuel Production



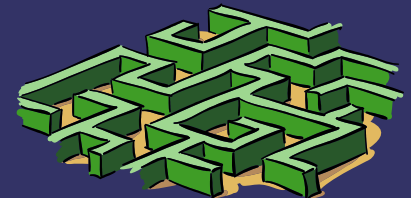
An aerial photograph of a tropical beach. The sand is a bright, pale yellow, and the water is a clear, vibrant blue. Two people are walking on the beach, their shadows cast on the sand. The text is overlaid in the center of the image.

**So What Else is There That can Help us meet
The Energy Needs of Everyday Living?**

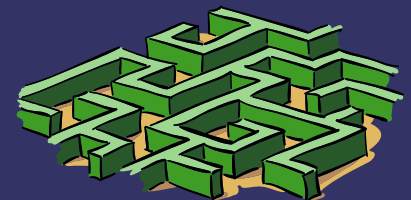
One Viable Alternative Source of Energy



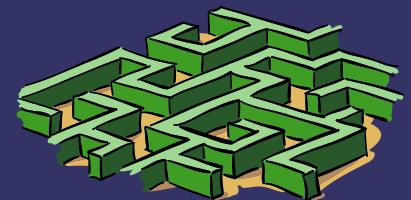
How About Diesel that Grows on a Tree



Introduction to Jatropha

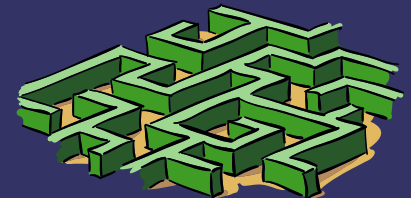


Jatropha Grows on the Poorest of Soils and Requires little Water



There are Many Sources of Oil

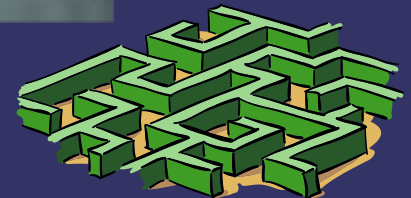
- Palm Kernel Oil
- Rapeseed Oil
- Vegetable Oil
- But these are not
Cost Effective to
Produce and Obtain



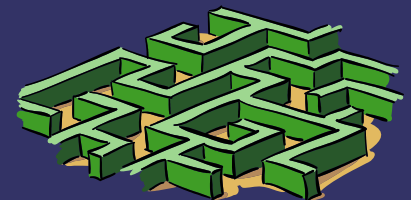
The Jatropha Lifecycle



Life Begins with A Seed



The Seed Emerges



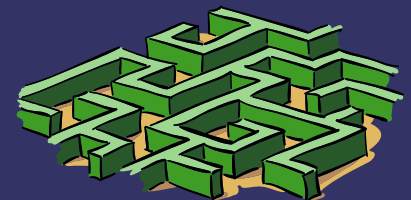
A Jatropha Seedling



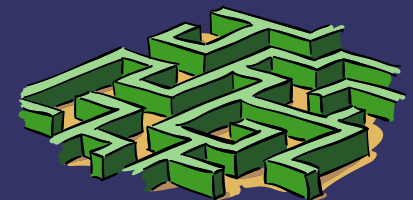
A Row of Jatropha Seedlings



Young Jatropha Tree



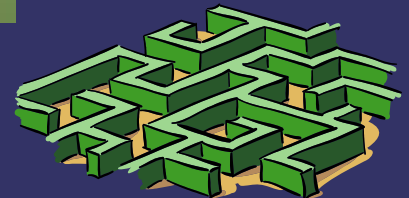
Mature Jatropha Curcas



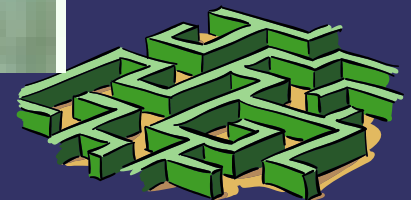
Jatropha Flowering Stage



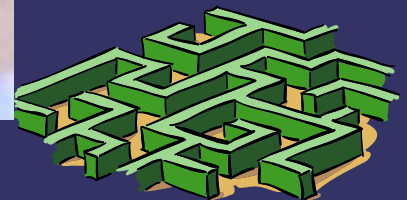
Jatropha Setting Fruit



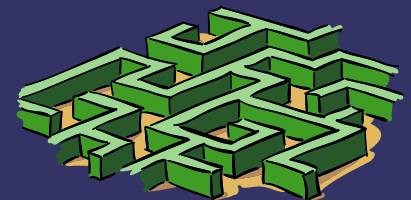
Clusters of Jatropha Fruit



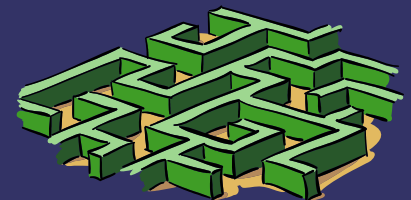
Ripening Jatropha Seed Pods



Size Scale Seed Comparison



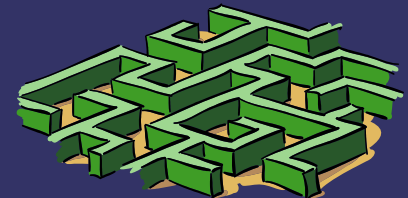
Harvested Seeds



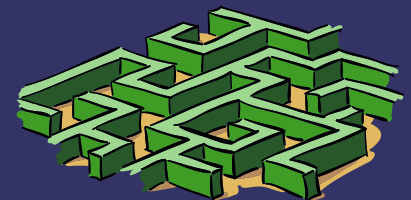
Jatropha Cold Pressed for Oil



Fresh Squeezed Diesel for Your Fuel Tank



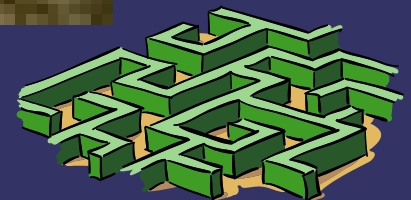
Bio-Diesel Powered Trucks



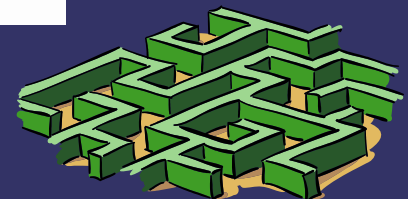
Bio-Diesel for Railroads



Bio-Diesel Tractor Power



Bio-Diesel Powered Generators



*Thank you for Viewing our
Presentation*

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