



Galten Ltd.



Biodiesel Market

Large demand for the raw material

- 2008 market - about 6B US\$ Biodiesel in Europe.
- 2020 market forecast - about 40B US\$ Biodiesel in Europe.

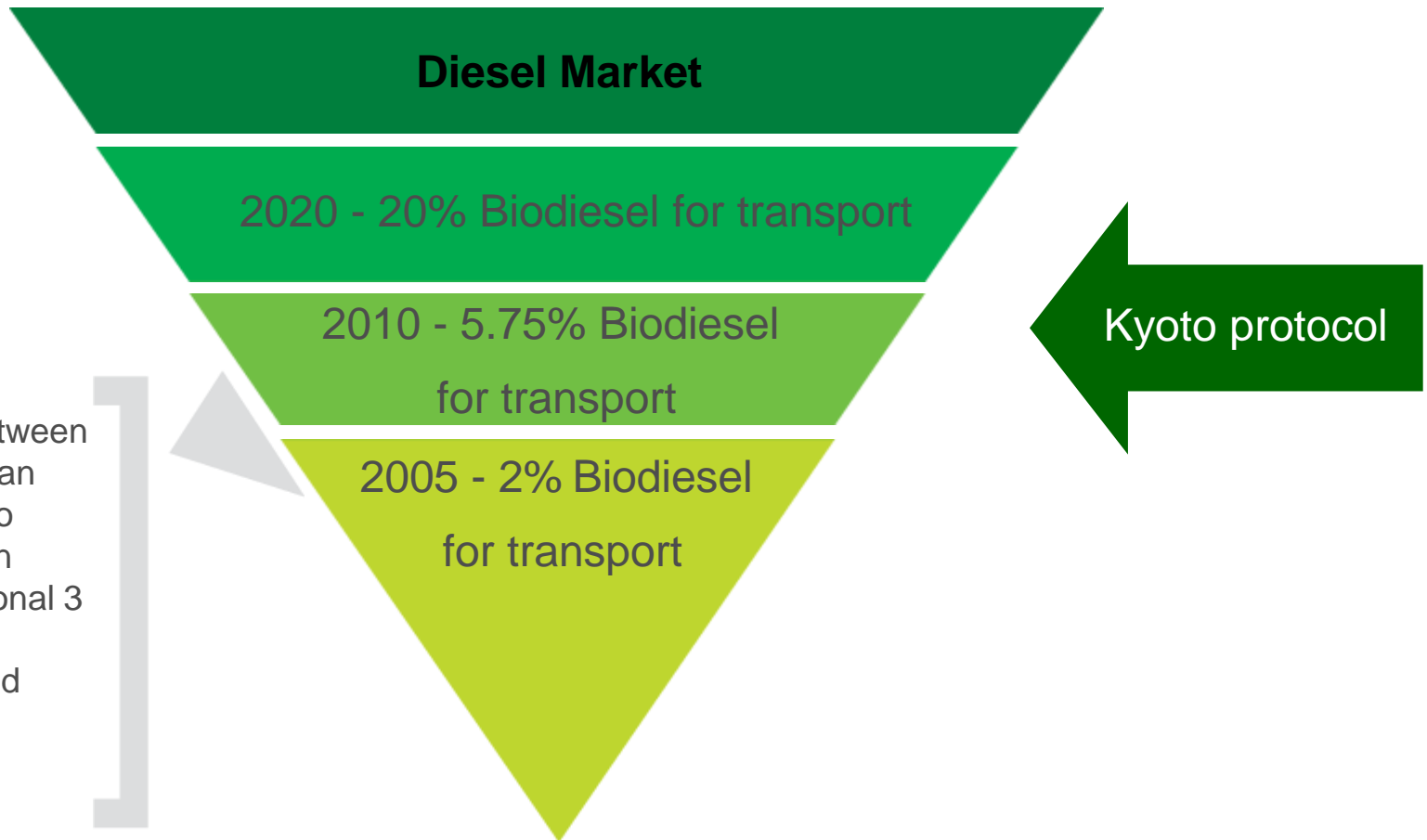


Pike Research's report, "[Biofuels Markets and Technologies](#)" June 2009

Increasing demand for raw material



A global interest in the use and the size of the Biodiesel market



The difference between 2% and 5.75% is an additional 7MT Bio diesel which mean planting an additional 3 million Hectares (Europe consumed 6MT in 2008)

Second Generation biodiesel - Jatropha oil

- Technical proof of concept with Daimler Chrysler group.



- Successful test flight by Air New Zealand Boeing 747-400.



Approved Fuel on Ground & in the Air

Jatropha plant

- Non-edible crop.
- Wild plant, poisonous.
- Perennial plant.
- Full files European standards (EN14124)
- High durability.
- High content of oil.
- Valuable By products.





Ghana, Africa



- The Republic of Ghana is located on the Gulf of Guinea in West Africa, bordered by Côte d'Ivoire (Ivory Coast), Burkina Faso, Togo and the Atlantic Ocean.
- Ghana is a democratic country, one of the most politically stable country in Africa. The country benefiting from American and EU economical and financial support.
- Ghana's GDP is \$34.52 billion (2008 est.) with an annual growth rate of 7.3%.
- Ghana's tropical climate is warm and humid with annual mean temperature is between 26°C and 29°C and annual rainfall of 1,200 mm - Optimal weather for the growth of Jatropha.
- Ghana modern port in Accra is a big logistic advantage for Jatropha oil export.



Democratic & stable with optimal weather



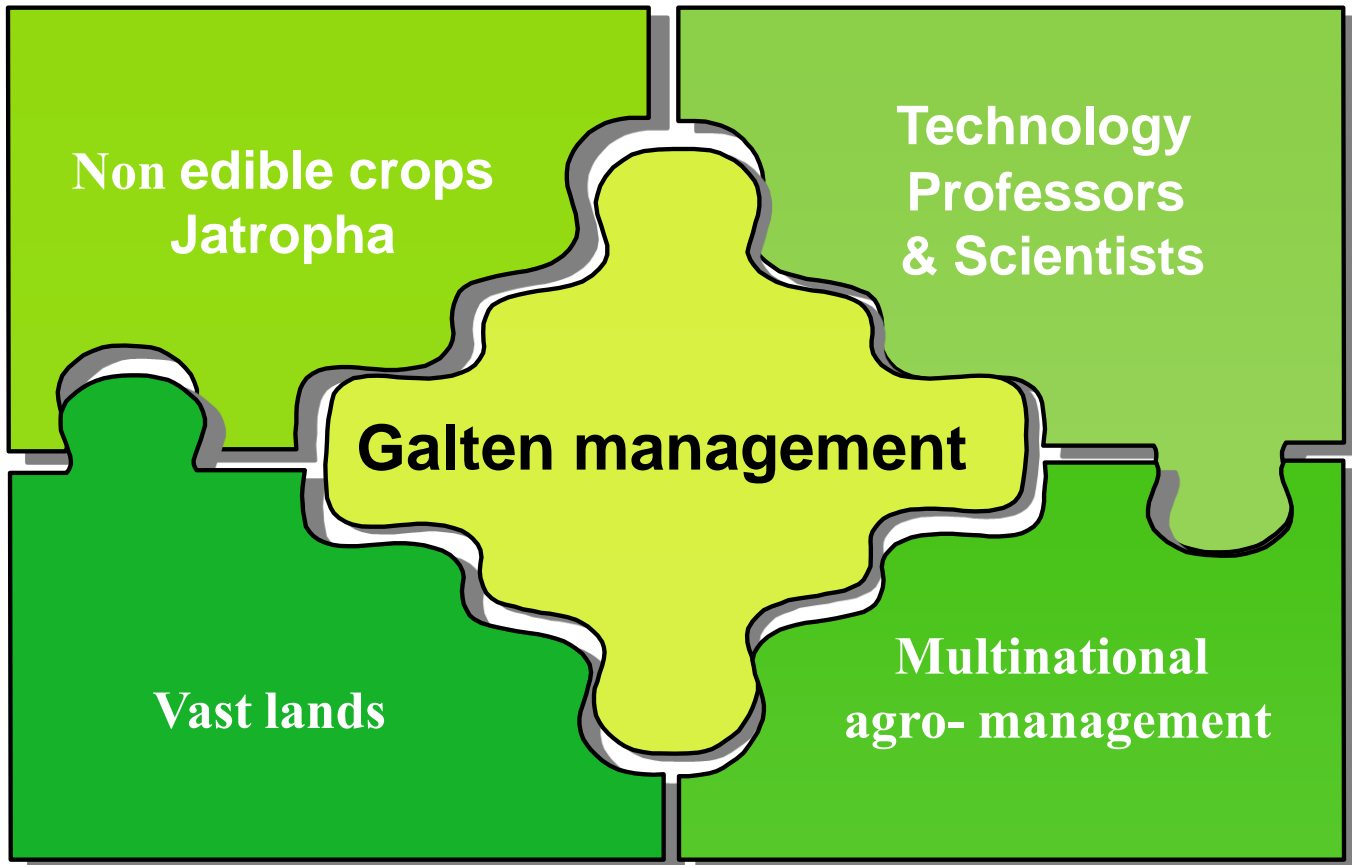
The company - Management

Galten has been a public company since February 2009.

- **Dr. Shlomi Jonas - Cofounder, CEO.** 15 years of Managerial experience in the medical field.
- **Doron Levi - Cofounder, Executive Chairmen.** Business Entrepreneur.
- **Group of financial initiative investors.**



Galten's model





■ Galten Operation - Current Status

- **Location** - Ghana was chosen as the most suitable country for the project. And the Volta region was identified as the high oil content and high yield Jatropha seeds.
- **Knowhow** - Jatropha seeds, selected from the region and analyzed. Above average oil contents.
- **Nursery** - A modern nursery is already operating. The nursery has a capacity of 1 million seedlings a year equipped with computerized irrigation systems.
- **Operation** – the company operates within a year, above 40 workers operation that include equipment and Plantation.
- **Plantation** - The first 1,000 acres of Jatropha plantation was successfully executed.

Better than expected results

■ Galten Operation - Current Status

- **Land** – The company already secured land for the entire project and holds letters of intend from the land owners.
- **Professional Team** - Galten's hired professional managers and technical people to manage and operate the project.
- **Local force** – Local force has trained for various tasks in the farm and shall be the pioneer force for the project tasks.
- **Development Costs** – As of today, the company has invested USD 2.35 Million.



Better than expected results



Operator

- The company has identified a well known and experienced operator for the project operation.
- The Operator has 50 years of experience managing projects around the world.
- The company has an office in Ghana and years of experience in the country.



Well known & experienced operator



Know-how Provider

UNIVERSITÄT HOHENHEIM



- The company has identified Klaus Backer from Hohenheim University as the most experience Jatropha researcher in the world.
- Klaus Backer is the head of the department of Aquaculture Systems and Animal Nutrition in the Tropics and Subtropics. He published tens of publications and researches on the Jatrupha and its utilizations.
- Klaus Backer is supporting the company in seed selection, yield improvement and seed cake and seed shell usage.

Years of Researches and Development



Off Take Agreement for Jatropha Oil

- There are several companies that are interested in buying the Jatropha oil.
- The off taker companies and Galten already exchanged agreement drafts for purchasing 50,000 tons of Jatropha oil.
- Based on world oil prices at FOB basis.
- There are valid options for the insurance of the deal.

Well-known off takers



Strengths

- Strong demand for oil
- Extremely profitable
- Investing mostly in production equipment and trucks
- Low agriculture investment & risks
- Jatropha considers as the best crop for biodiesel

Remarks

- USD 6 Billion in 2008
- 31.6% - Project IRR
- Investment in real assets, very small amount on working capital
- Jatropha can grow anywhere in Ghana without irrigation
- Can not be used for human consumption



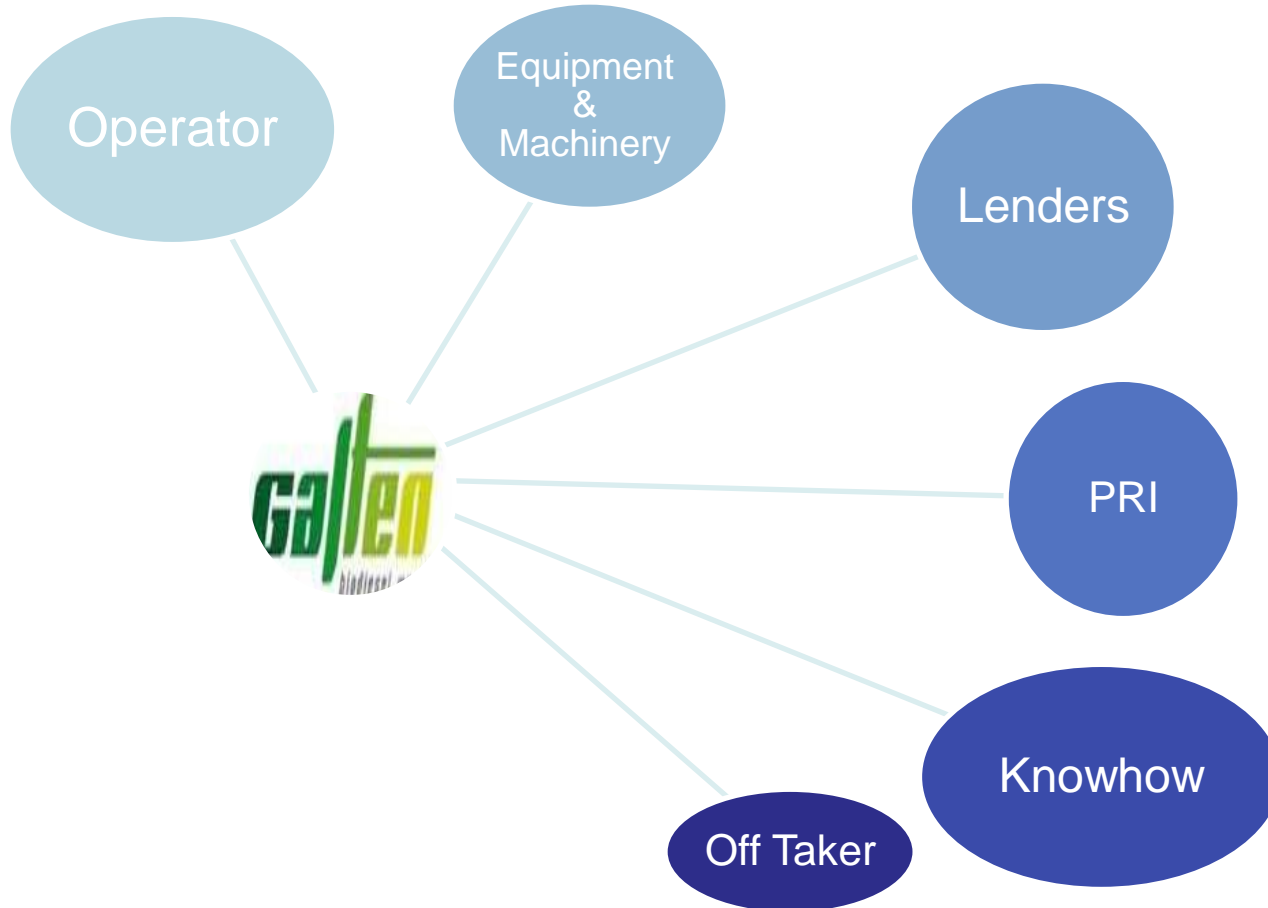
Risks

- Lack of experience in the world in Jatropha growing for oil production
- Ghana political risk
- Complicated logistics
- Poor infrastructure in Ghana
- Complex project to manage

Risk Allocation

- Know how agreement with the best Jatropha expert in the world. Galten has 1,000 Hectares in operation and nursery for 1 million seeds.
- PRI
- Divided to separate farms
- No solution, however better than neighboring countries
- Well known operator

Project Model





Thank You

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