

MEV – Micro Electric Vehicle Micro Mobility – Executive Summary

Creating an Electric bamboo car for 2-4 people, with low price, lightweight & 250km range

The Market - Global Micro Mobility Market Size

45,000 units are sold annually in Israel
 400,000 rickshaws are sold annually in India
 7,000,000 units are sold globally annually excluding China
 55,000,000 units are sold annually in China mainland
 Only 2% of all the cars sold in the world are electric
 120KB\$ - market "regular" e-car with 30K\$/unit
 130KB\$ - market size of MEV with 2K\$/unit



The Problem

4,000\$ is the high cost of an average MEV
 500\$ is the battery cost replaced twice a year
 1/4-1/2 Ton high weight of an average MEV
 40km short range only for inside the city
 Gasoline cars restricted in Europe & other countries
 Gasoline is expensive & polluting in 3rd world countries
 Gasoline rickshaws not allowed from 2024 in India
 Not sufficient electric infrastructure in India & Africa
 Metal prices goes up because polluting metal & coloring factories are being shut down by the Chinese government
 Trade wars between USA, Europe & China causes difficulties in exporting full complete products from China

The Solution – Develop/assembly/production Bamboo Electric MEV

- Low Weight 100Kg
- Low price 1,000\$ per unit
- Potential 3.6B in India & Africa, free sun energy
- Long range 200Km between charges
- Strong Chassis 6 times stronger than steel
- Low tax tariff When it's Made In Israel
- Innovation Innovative carbon-like bamboo chassis
- Employment This project can employ many people
- Sustainability Using bamboo environmental product

Why Bamboo

- Material cost 30\$/Ton bamboo Vs 2,000\$/Ton aluminum
- Natural strong Bamboo is stronger than construction steel
- Environmental Bamboo grows 4cm/hour after cutting
- Durable It cant rust like metal, thus durable
- Flex. strength Its MOE can reach 1/4 of titanium



What We Need

- Investment A seed investment of 250,000\$ for a full working prototypes – Series Zero, before scale up
- Funding & % Possible local investment for 25% - 50% with additional investor's manufacture & sales capabilities
- Knowhow Strategic partners mostly in the automotive industries
- Connections To local governments in wanted markets, like: India and Africa

About the Company & its founder

Ophir Fromm, founder & CEO of BambooBike Technologies Ltd, has 25 years in Hi Tech & 13 year in Bamboo engineering. Doing business in Asia for 20 year, and in the last 5 year 45 times in China. BambooBike has a subsidiary in China, with over 2,000 bamboo related connections and deep connection with the Chinese government