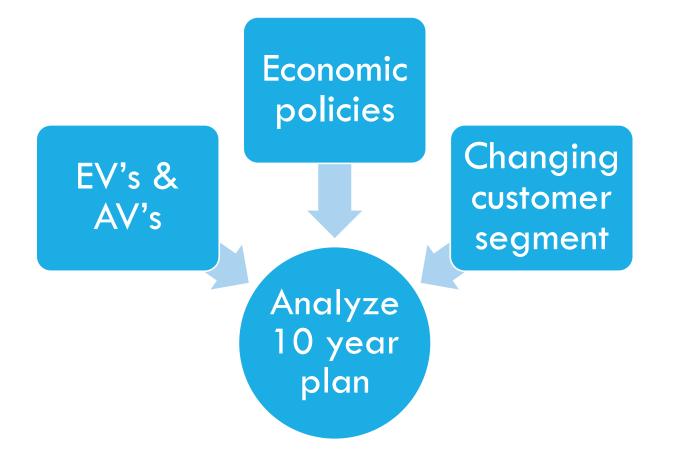


### GREEN EXPANSIONS: HARLEY DAVIDSON

Easy Rider Consulting: Presented by Wes Teriber, Sarah Henkind, Mara Hilmy, Vijay

## **EXECUTIVE SUMMARY**

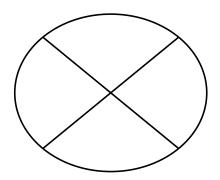


# HARLEY DAVIDSON

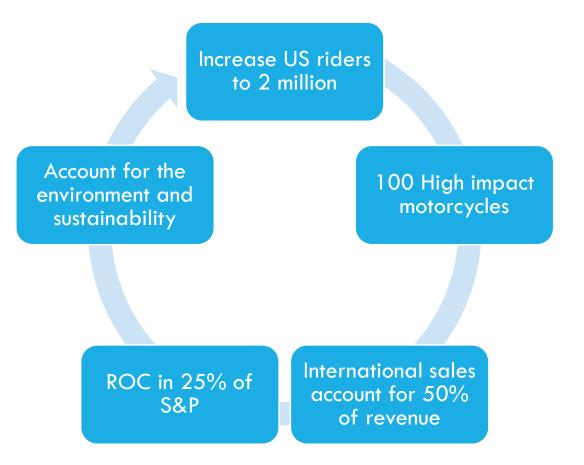
Founded by William Harley and the Davidson brothers (Arthur, Walter and William).

Legacy American Brand credited to build the motorcycling culture in North America.

History of making comebacks and meeting disruptive competitors head on.



### THE 10 YEAR PLAN



### **INCREASING US RIDERS**

Goal is to increase to 2 million riders Continue projects like the Harley Davidson riding academy Focus on maintaining strong brand identity Look for growth in the millennial and international marketplace

## **100 "HIGH IMPACT VEHICLES"**

100 vehicles could eat up costs and jeopardize brand

Competitors do not have a product line this deep

We see a better benefit to quality over quantity

# **INCREASE INTERNATIONAL SALES**

Goal is to have international sales account for 50% of revenues Large opportunity in SE Asia because of growing wealth

Bikes are seen as more of a necessity than a luxury

# IMPROVE RETURN ON CAPITAL

Research acquisitions and joint venture

Continue to communicate discipline in investing activities

Provide shareholders with details of international expansion strategy

# SUSTAINABILITY

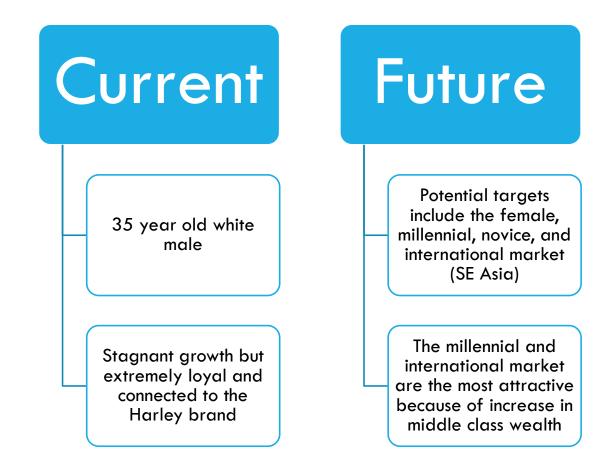
Regulation on combustion engines

- Social push for electric alternatives
- Diversifying customer base
- Improving manufacturing sources and techniques

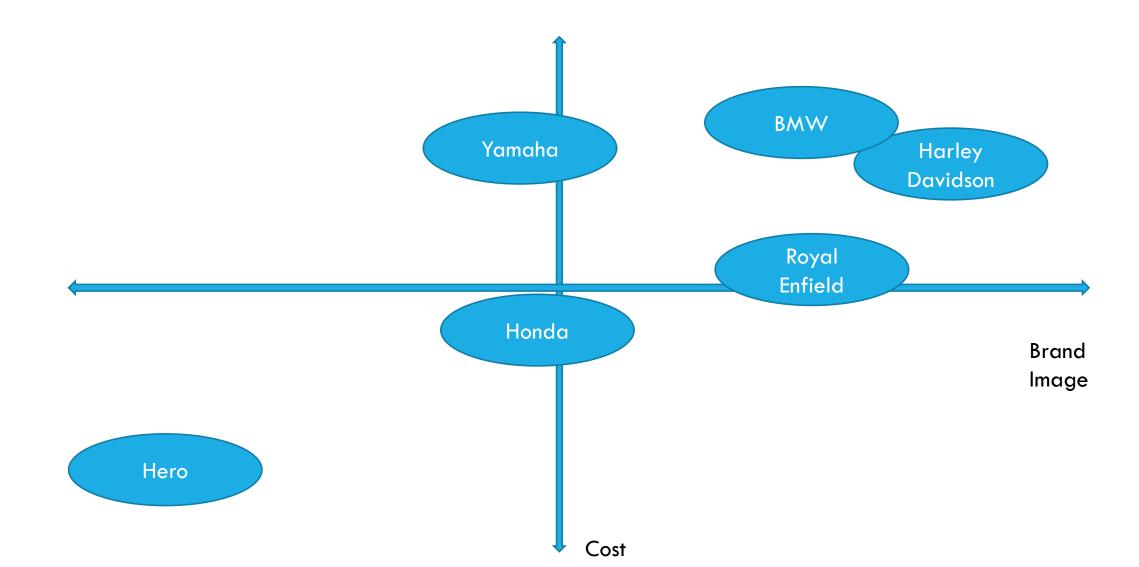
# **CUSTOMER BASE**

Location	Market Share
USA	33%
Canada	17%
Russia	9%

## WHO PURCHASES A HARLEY



### **COMPETITIVE LANDSCAPE**



## **COMPETITOR REACTION**

Honda: Pessimistic of future, due to shift towards smaller electric motorcycles. Investing in EV and advanced rider technology BMW: High concentration in India offering sub 500cc brands. Plans for smart EV scooter (Concept Link 2021) and hi-Tech (Motorrad Vission 2040) optimistic for Motorcycle market.

Royal Enfield: Expand aggressively in their traditional market. Enter US and Europe directly competing against Harley. Heavy investments in emission reduction eventually transition to EV

Hero: Expand global market share by entering markets with high potential. Aggressive push in EV market with investments in battery technology

### **ECONOMIC POLICIES**

US abandonment of the Trans Pacific Partnership

Import tariffs on steel on aluminum Phasing out of combustion engines in France, China, Vietnam, Norway, and the Netherlands

# ALTERNATIVES

#### Acquire Zero:

Purchase private company Zero

Utilize their expertise in the electric motorcycle market

#### Pros

- Proven electronic bike technology
- Established sales channels
- Avoids engine tariffs
- Explores more US growth

### Cons

- Initial investment
- Break away from traditional Harley brand

# ALTERNATIVES

#### **Embrace retail revenues:**

Focus on bringing in revenue from urban wear apparel

### Pros

- Builds brand image and loyalty
- Focuses on revenue from current customers

### Cons

- Not core competency
- No international focus

# ALTERNATIVES

#### <u>Joint Venture with Royal</u> <u>Enfield:</u>

Establish a sales and distribution network thorough a trusted legacy brand

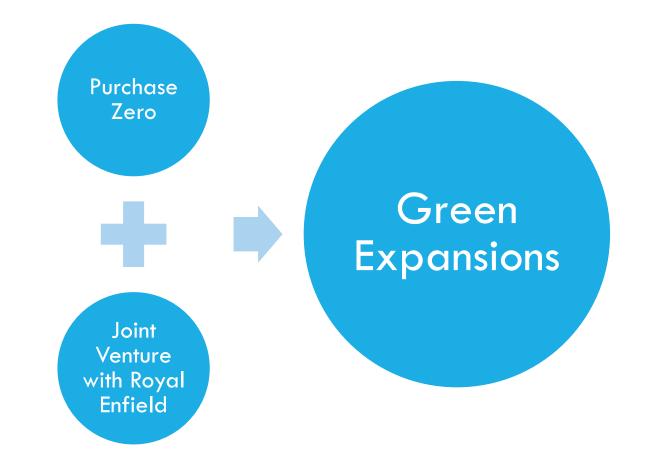
### Pros

- Easy access to new sales
- Mutually beneficial relationship

### Cons

- Large upfront investment
- Have to adopt Royal Enfield sales policies and process

## RECOMMENDATION



### **ACQUISITIONS AND JOINT VENTURE**

Acquire Zero Motorcycles ISA private company for \$270 million (3 times sales)

Joint Venture with Royal Enfield \$30Million for 15-20% ownership stake in company

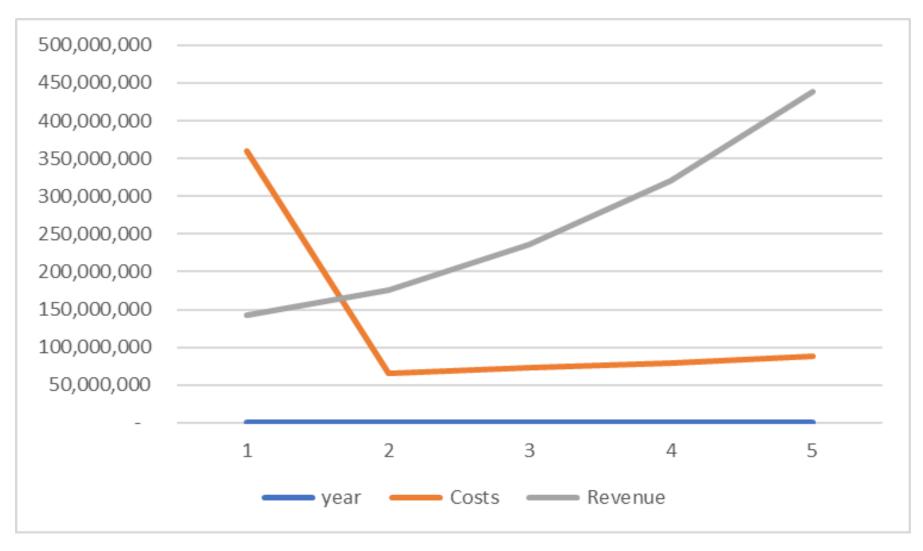
# **OPERATING COSTS**

Year	RE	Zero	Total
Y1	50,000,000.00	10,000,000.00	60,000,000.00
y2	50,000,000.00	16,000,000.00	66,000,000.00
у3	50,000,000.00	22,600,000.00	72,600,000.00
y4	25,000,000.00	54,860,000.00	79,860,000.00
y5	25,000,000.00	62,846,000.00	87,846,000.00
, <b>-</b>	20,000,000.00	02,040,000.00	0,040,000.00

# REVENUES

Revenues	Zero	RE	Total
۲ı	108,000,000.00	35,000,000.00	143,000,000.00
y2	129,600,000.00	45,500,000.00	175,100,000.00
у3	168,480,000.00	68,250,000.00	236,730,000.00
y4	219,024,000.00	102,375,000.00	321,399,000.00
y5	284,731,200.00	153,562,500.00	438,293,700.00
Total Revenue	909,835,200.00	404,687,500.00	1,314,522,700.00

# **COSTS VS REVENUE**



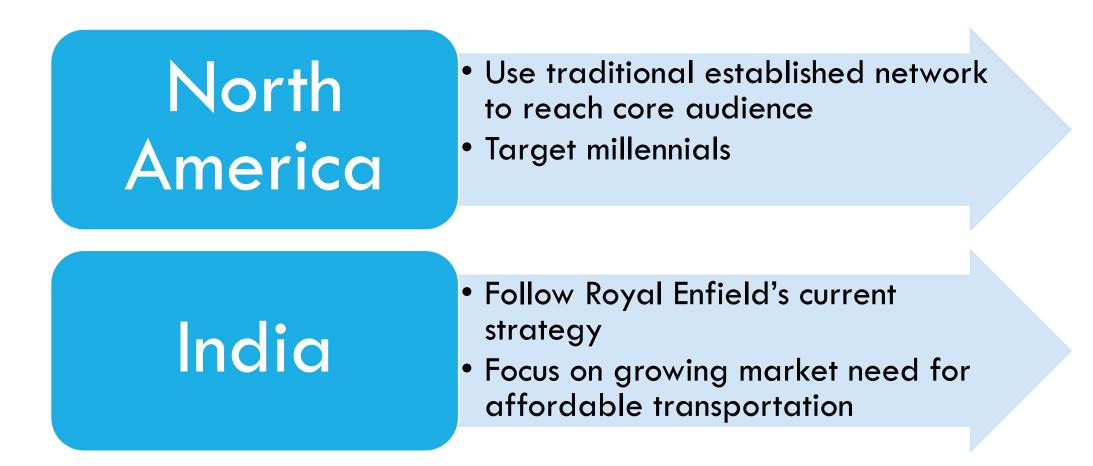
# MANUFACTURING

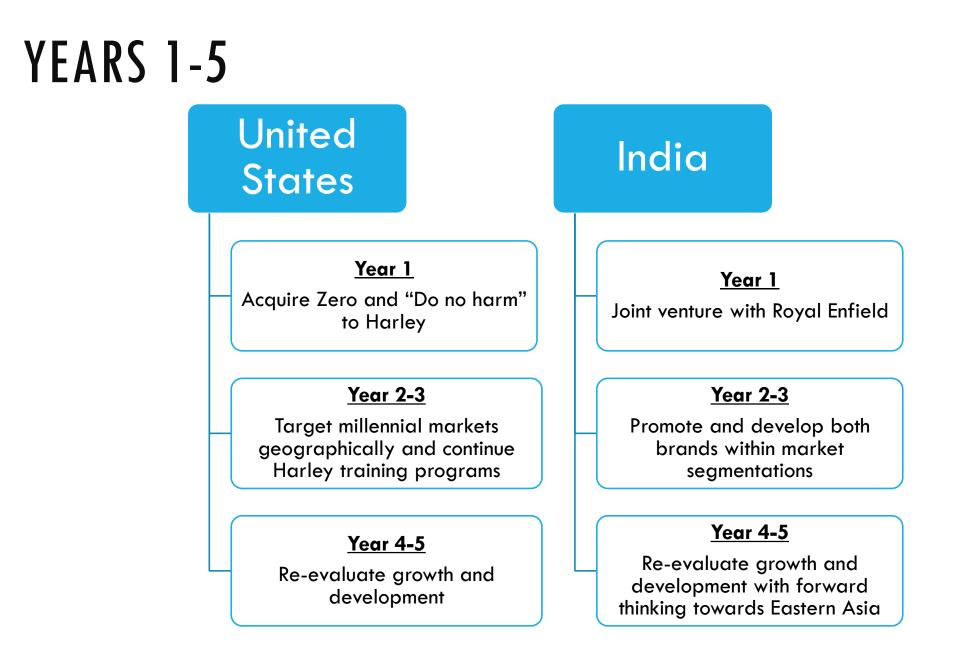
Continue with complete knock down assembly plants in North America exporting to international markets

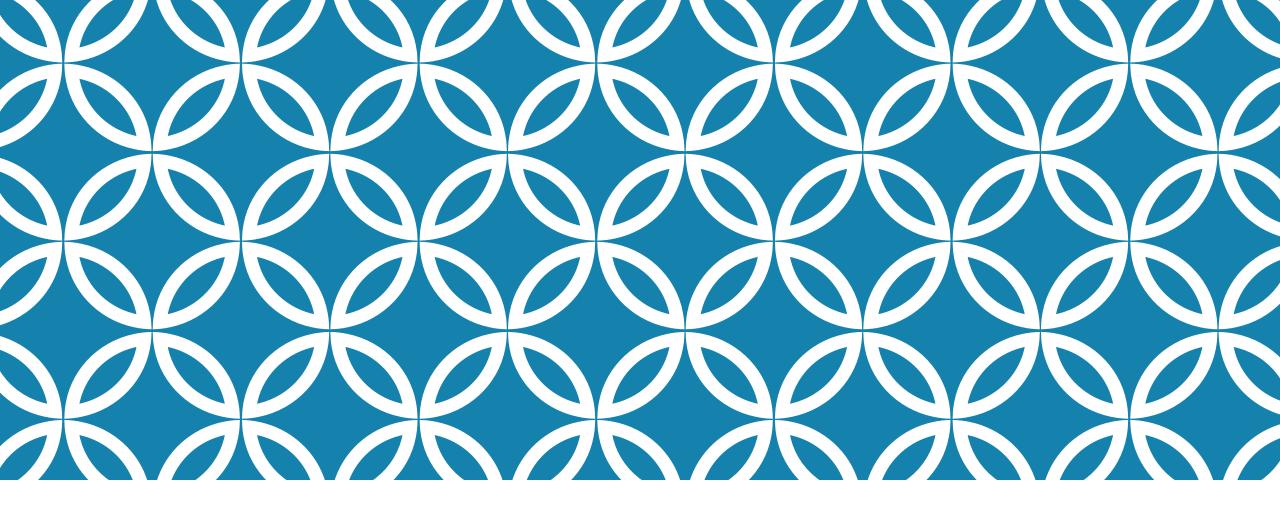
Implement 10 high impact vehicles in knock down plants

Utilize Zero's expertise in electric motorcycle production

# SALES AND MARKETING







## QUESTIONS

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# **COSTS OF ECONOMIC POLICIES**

Policy	Estimated Cost
Short term tariff	15-20 Million
If no action is taken	90-100 Million
Cost of no TPP	17-200 Million