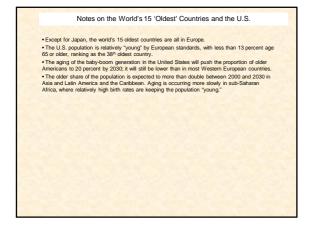


The World's 15 'Oldest' Percent Age as or Older Countries and the U.S.		
Japan	19.5	
Italy	19.5	
Germany	18.6	
Greece	17.8	
Sweden	17.3	
Bulgaria	17.2	
Belgium	17.1	
Portugal	17.0	
Spain	16.9	
Estonia	16.7	
Latvia	16.5	
Croatia	16.4	
France	16.4	
United Kingdom	16.0	
Finland	16.0	
United States Sources: Carl Haub, 20	12.4 206 World Population Data Sheet	



	Global Market Overview	
•	Social Crisis	

- Population is getting Older-
- **Global Warming**
- Medical solutions
- Frontiers are thinner
- Accessibility of Markets
- Education
- **Health Issues**
- Food
- Humanity-Beliefs-Values-Ethics-Culture-Religion
- Information- real time
- **Customer Service**

Technology Market Trends

US fuel cell market to expand sixfold through 2012: The US market for commercial fuel cell products and services is furrough 2012 to \$975 million and reach \$33 billion by 2017. Demand will be bolstered by ongoing environmental concerns that will spur social interest in less pollutant energy sources, as well as continued efforts to reduce the commercial market will be somewhat restrained by persistent cost hurdles, as many types of fuel cells require a high priced platinum catalyst a well as extensive investment in R&D.

4

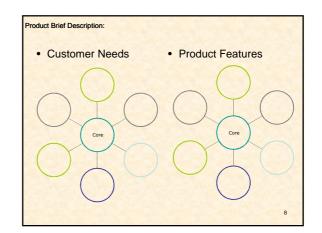
Value Proposition: Mix of goods and services, and price and payment terms offered by a firm to its customers. Definition Characteristics -Value for -Easily communicated Money -Appeal to the -Return on proper target Investment -Functional -Direct Benefit -Quantifiable -Indirect Benefit

Value Chain / Market Categories: What value my product posses in order to be attractive to the target market?

- Inventor •
- Developer •
- . Manufacturer
- Distributor
- Wholesaler
- Retailer
- . Purchaser
- User
- Disposer
- · Industrial/Commercialoperation and business outcomes. \$ Payback
- Consumer-Need, Exposure
- to Advertising, price sensitive · Fashion-feel good, Brand
- Name,

1





Marketing Strategy

Product Selling Point Price Promotion/Advertising