Introduction to Marketing

Aero 3660/Mech 3661/Mech 2660

Customer Focus = Successful Businesses

- Prepare and communicate a strategy that focuses the company on customers/clients
- Establish a culture of customer first
- Designs a plan of operations that efficiently executes customer focused strategies
- Ensures the development, production and delivery of goods and services customers want
- Develops products that anticipate customer needs and meet competitor challenges
- Objective: sustain a long term customer base

A strong link between strategy and marketing is crucial

WHAT IS MARKETING?

Marketing Defined



"Marketing is a societal process by which individuals and groups obtain what they need and want through creating, offering and freely exchanging products and services of value with others."

Phillip Kotler, Marketing Management, Prentice Hall, 11th Edition, p9

"The aim of marketing is to know and understand the customer so well that the product or service fits him and sells itself. Ideally, marketing should result in a customer who is ready to buy."

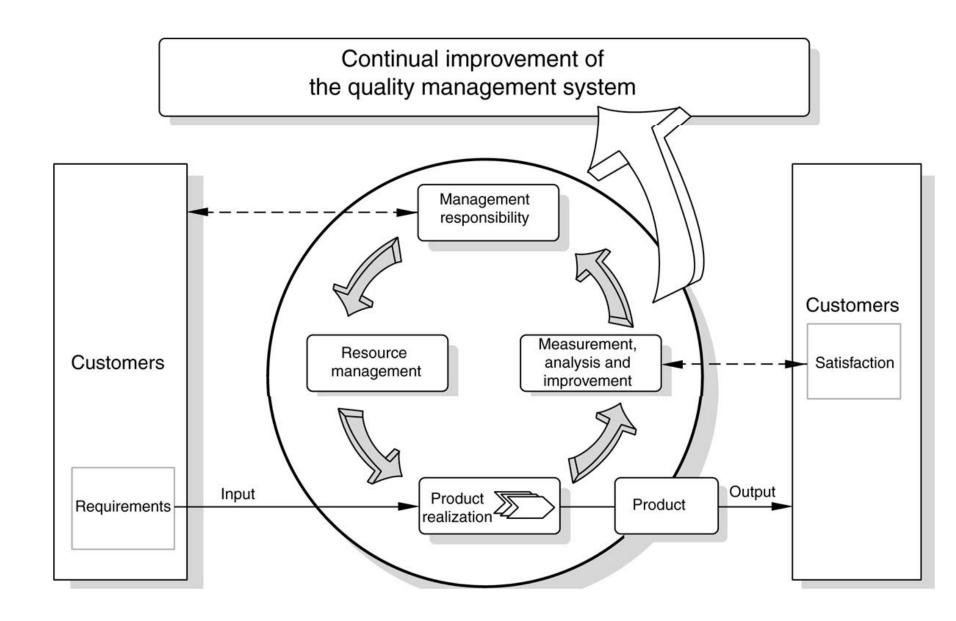
Peter Drucker, Management: Tasks, Responsibilities, Practices, Harper & Row 1973, pp64-65

The Marketing Concept

- The focal point is the customer/client
- Value for the customer is required
- There is coordination among the marketing variables: price, product, promotion and place (distribution)
- The organisation must obtain strategic value or monetary gain from the exchange

The marketing management process

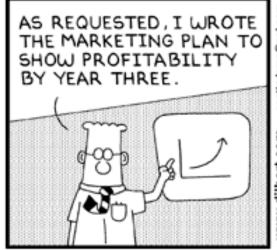






STRATEGIC ANALYSIS & PLANNING

Market analysis and research







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Market analysis and research

(Strategy should be based on facts)

- Qualitative data and quantitative data
 - Customer needs and preferences
 - Market size
 - Demand
 - Existing and potential market segments
- Data on competition
- Information on macroeconomic trends
 - * It costs money so allocate resources

First: Assemble the information The 5 C's of marketing strategy

- Customer analysis
- Company analysis
- Competition analysis
- Cost/economic analysis
- Channel (trade) analysis

SWOT analysis

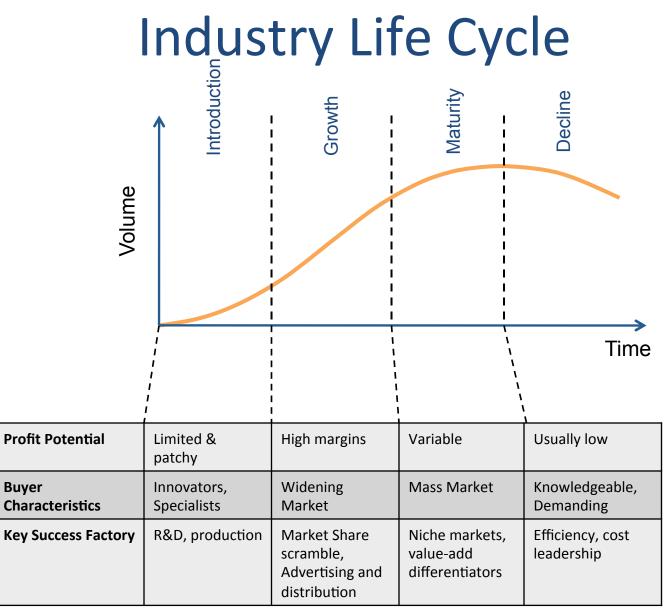
	Strengths	Weaknesses
Opportunities	Strengths	Weaknesses
Threats	Opportunities	Threats

Internal attributes

- <u>S</u>trengths
- <u>W</u>eaknesses

External environment

- <u>Opportunities</u>
- <u>T</u>hreats



Industry Analysis Porter's Five Forces

Entry Barriers

- Economies of Scale
- Proprietary Products
- Brand Identity
- Switching Costs
- Capital Requirements
- Cost Advantages
- Learning Curve
- Specialist input/ services
- Government policy
- Expected retaliation

Determinants of Substitution Threat

- Relative Price performance
- Switching Costs
- Buyer propensity to substitute

Determinants of Supplier Power

- Differentiation of inputs
- Costs of Switchi Suppliers
- •Supplier concentration Product differences
- of Va Industry Competitors Bargaining
- power of
- Suppliers purchases
- Impacts of input:
- cost or differentia Threat of forward
- integration by suppliers
- Threat of backward integration by firm

Rivalry Determinants

- Industry Growth
- Threat of New Entrants hittent
- •Presence of sub-
 - - Bargaining id€ power of
 - Rivalry Buyers Concentration and Intensity of Rivalry
 - Balance
 - hational Threat of exity Substitutes
 - biversty of competitors
 - Corporate Stakes
 - Exit Barriers

Determinants of Buyer Power

- Bargaining Leverage
- Buyer volume
- Switching Costs
- Information
- Backward integration
- Substitutes
- Price Sensitivity
- Price/Total spend
- Product differences
- Brand identity
- Quality/Performance
- Buyer profits
- Decision maker's incentives

Macro analysis - STEEP (aka PESTEL)

Social

- Ideology
- Unions
- Income
- Demography
- Values

Technological

- Patents
- R&D
- Education
- Pace of change
- Bandwidth
- Technology

Environment

- Air & Water quality
- Recycling
- Energy
- Pollution
- Global Warming
- Sustainability
- Regulation

Economic

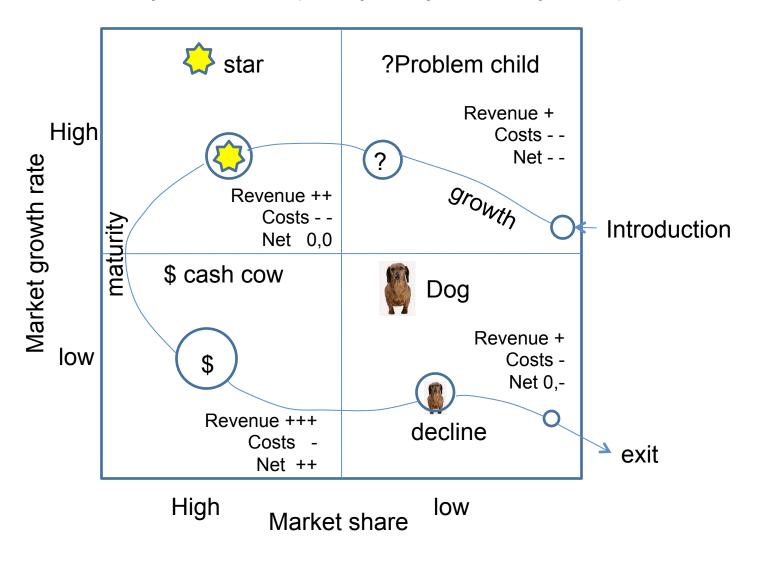
- GDP Growth
- Exchange Rates
- Inflation
- Interest Rates
- Boom/bust

Political/Legal

- Policies
- Regulations & Authorities
- Laws
- Public Opinion
- Power bases
- Lobby Groups

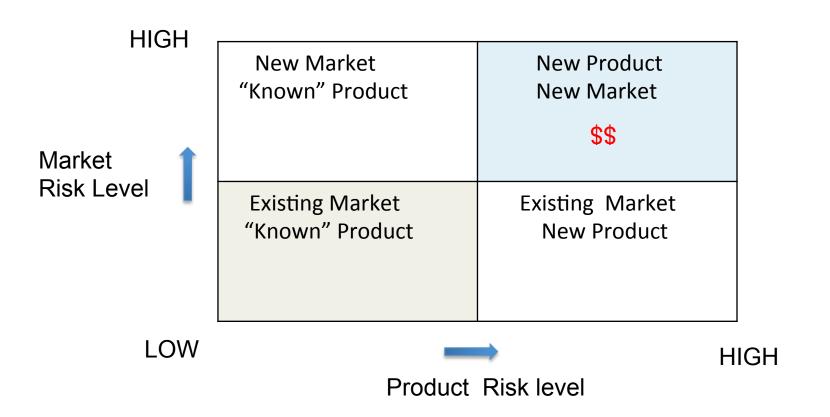
BCG MATRIX (Boston Consulting Group)

New products (Shape up or ship out)



Market Growth Quadrant (Risk)

(There are only 4 options for growth!)



What makes a successful new product?

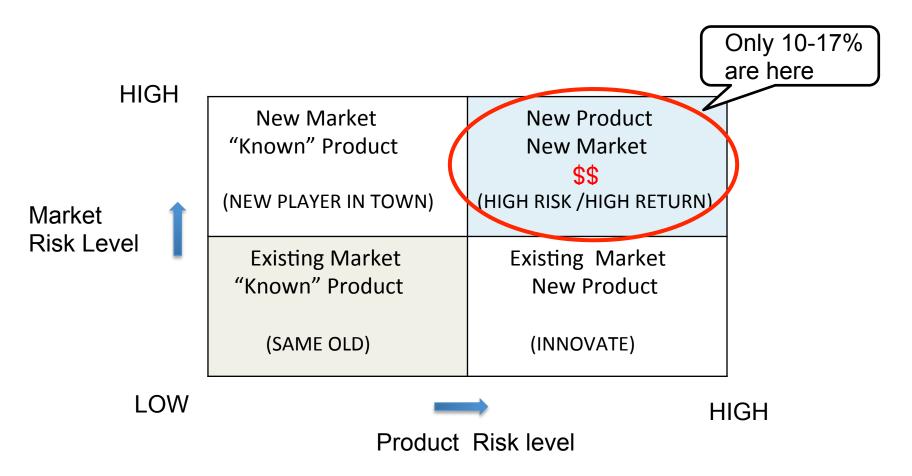
Analysis of 13,000 new product launches

Newness to	Newness to market			
Company	Low	Medium	High	
High	20%		10%	
Medium	26%	26%		
Low	11%		7%	

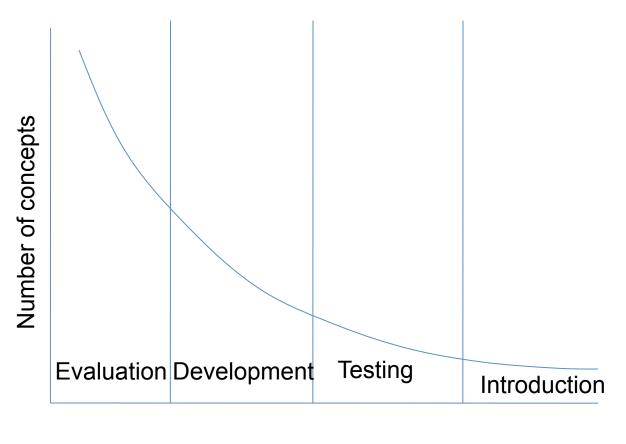
10%	New to company and market
20%	New to company but known to market
7%	Repositioning a product unknown in market
26%	Improvements to existing products
26%	Additions to an existing product line
11%	Revised products giving same performance at lower cost

Market Growth Quadrant (Risk)

(Basically 4 options to chose from)



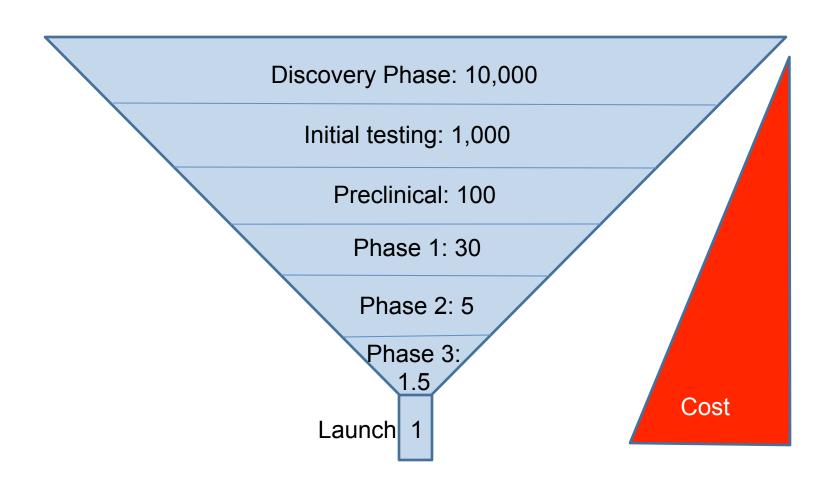
New product mortality curve



One new product

Time

Example – One new drug to market requires culling of thousands of candidates



So... going forward

Best Strategy

What would you choose ??



MARKETING PLANNING

Developing the "Marketing Mix" (aka Business Model)

- Four key elements (4 P's) that define your framework:
 - Price
 - Product
 - Promotions
 - Place

Key marketing concepts – "Marketing Mix"

- Product Policy
 - Nature of product
 - Maintenance contracts and warranties
 - Technical service
 - Safety features



- Price
- Commission
- Discounts

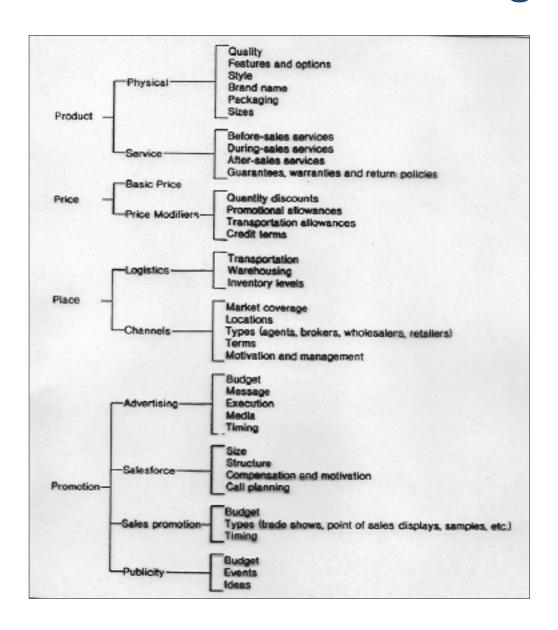


- Advertising
- Direct selling
- Sales force
- Place Intermediaries in delivering product to customers
 - Agents, wholesalers, retailers



	High	Medium	Low
High	Premium	High Value	Super Value / Cheap
Medium	Overcharging	Medium Value	Good Value
Low	Rip-Off	False Economy	Economic

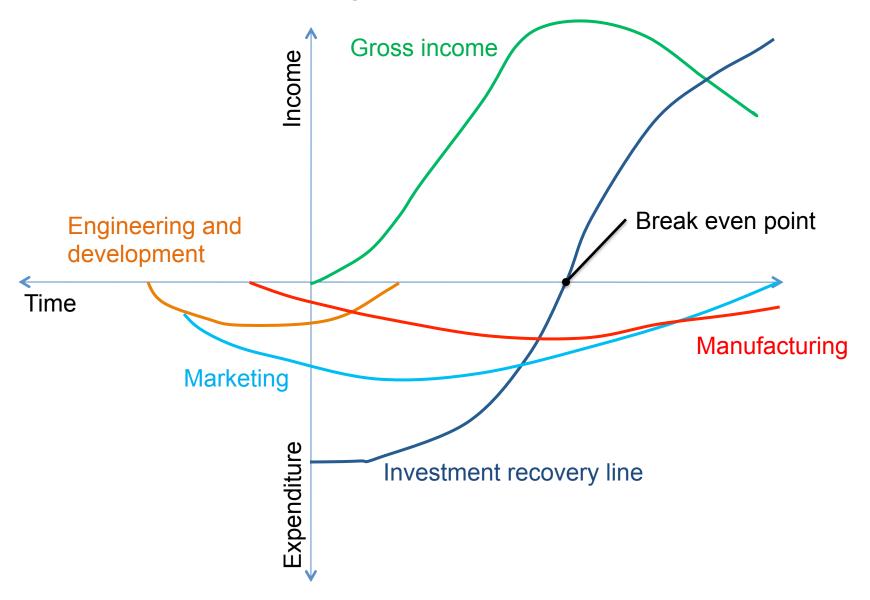
Breakdown of Marketing Mix



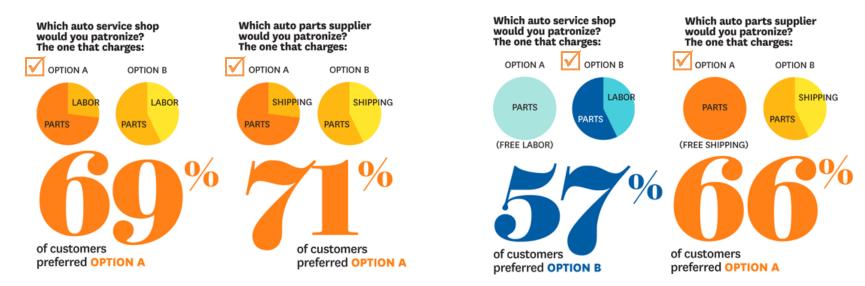
Product life cycle (PLC)

Phase 0	Introduction	Growth	Maturity Unit profit n	Decline Sales
Marketing objectives	Establish market	Penetrate market	Defend position	Minimise efforts
Product offering	Assure quality and develop brand	Expand offering to meet expectations	Reposition brand	Phase out weak features
Augmentation of product				
Price	Recover costs of launch	Exploit demand carefully	Match competition	Maintain stock turnover
Place	Build distribution	Selective distribution	Intensive distribution	Manage middlemen
Promotion	Build awareness	Use customer trialling	Brand preference development	Maintain loyalty

Financial implications of PLC



The real world

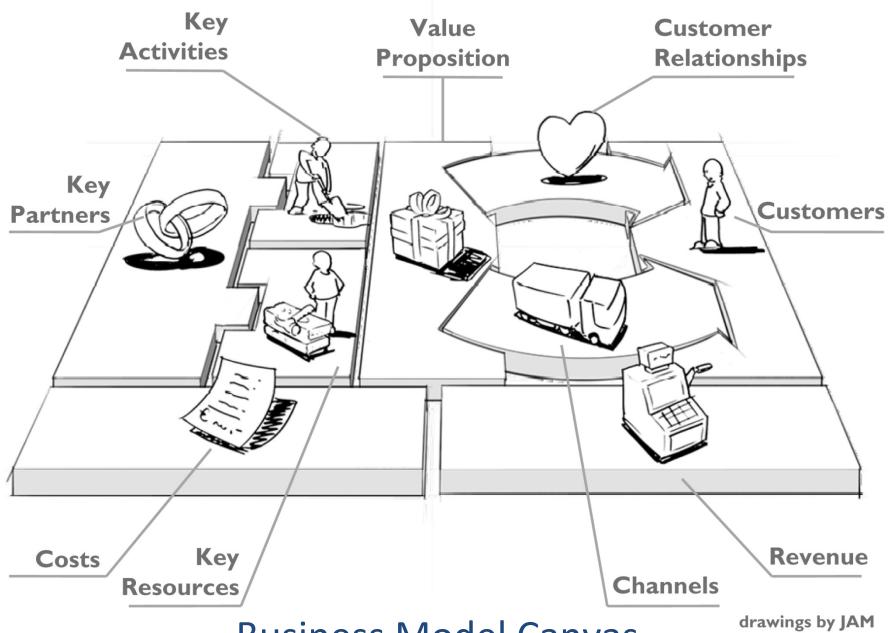


The results suggest three guidelines:

- **Understand customers' goals**. We've found, for instance, that someone who's hungry for pizza would rather pay full price for it and get a significant discount on wings than get a slight break on both
- Bundle low- and high-benefit components together, offering the low-benefit ones free only
 when market norms allow
- Work on changing perceptions of value. When we cued customers to the benefits of, say, high-quality installation, willingness to pay more for normally low-benefit labour increased

The Marketing Mix (4 P's)

Harmony – Combination of mix elements most internally compatible			Efficiency	Efficiency – Combination of mix elements most efficient to accomplish tasks		
			Consistency between mix and company			
	Consistency		Product	Consistency		
	between marketing mix elements	between	Price	between marketing mix,	Integration	
		Promotion	customers and channels	ation		
			Place			
Effectiveness – Combination of mix elements with maximum synergy		ation of mix	Consistency between mix and competitive environment	Integration – coordinate mix wit existing customer and distribution systems		
			Effectiveness			



Business Model Canvas

Developed by Alex Osterwalder (strategyzer.com)

KEY PARTNERS	KEY ACTIVITIES	VALUE PROPOSITIONS		CUSTOMER RELATIONSHIPS	CUSTOMER SEGMENTS
Who are our key partners and why? Who are our key suppliers? Which key resources are we acquiring from our partners? Which key activities do partners perform? What relationship should we have?	What key activities do our value propositions require? Our distribution channels? Customer relationships? Revenue streams?	What value do we deliver to a customer in a given segment? Which of our customers' problems are we helping to solve? What bundles of products and services are we offering to each segment? Which customer needs are we satisfying? What is the minimum viable product?		How do we get, keep, and grow customers? Which customer relationships have we established? How are they integrated with the rest of our business model? How costly are they?	For whom are we creating value? Who are our most important customers? What are the customer archetypes?
	KEY RESOURCES			CHANNELS	
	What key resources do our value propositions require? Our distribution channels? Customer relationships? Revenue Streams?			Through which channels do our customer segments want to be reached? How do other companies reach them now? Which ones work best? Which ones are most costefficient? How are we integrating then with customer routines?	
COST STRUCTURE			REVENUE STREAMS		
What are the most important costs inherent in our business model? Which are the largest? Which key resources are most expensive? Which key activities are most expensive? What is fixed and what is variable?			For what value are our customers really willing to pay? How much will they pay? For what do they currently pay? What is the revenue model? What are the pricing tactics?		

Key Concepts – Market Selection

(You cannot be all things to all people)

- 1) Differentiate your product or "offering"
- 2) Clearly define the customers that you will target
- Define and meet the customer needs



Market Selection

Market Analysis

 Defines groups of customers defined by measures such as geographical location, education, social status, common interest in product, etc

Market Segmentation

- Divides customers using analysis data to optimise allocation and nature of marketing efforts
- Different marketing mix for each segments (increases costs)

Product Differentiation

- Addition of real or imaginary product attributes to increase broad customer acceptance
- Can be termed market aggregation (eg CocaCola)

Market Segmentation

- Specific product to defined segments
- Competitive advantage unique products targetted to each segment
- Provides higher margins by targetting specific segments
- Limited by declining marginal benefit with each advance in segmentation
- Seeks market effectiveness

Market Aggregation

- One or several products to mass markets
- Competitive advantage built on product differentiation based on features, price, or communication
- Provides economies of scale in marketing and production
- Limited by declining marginal return on marketing expenditures needed to maintain sales
- Seeks production efficiency



Segmentation Criteria

NOTE: Market Segmentation strategies <u>apply to both</u> Consumer Marketing and Industrial/Commercial/Engineering Marketing

- Identify
 - Segment should indentifiable
- Accessibility
 - Can this segment by communicated to effectively
- Responsiveness
 - Will the segment respond to the communication
- Significance
 - Does segment have significant potential in terms of power and willingness to buy

Bases for Market Segmentation

Segmentation Analysis



Geographic	Demographic	Psychographic patterns	Behaviour patterns	Consumption patterns	Consumer readiness
Climate	Gender	Personality traits	Media habits	Frequency of use	Benefits sought
Population boundaries	Age	Lifestyle	Shopping habits	Occasion of use	Customer problems
National Boundaries	Race	Interests	Shopping frequency	Brand loyalty	Product knowledge
Region	Income	Activities			
Suburb	Education	Opinions			



Discussion: What is the Product and Marketing/Business Model?

- Nespresso
- McDonald's Restaurants
- Apple
- University Education

In Summary

- Marketing is strategic, ie it is not "an add-on"
- It is researched and planned
- Based on an organisation's overall strategic plan
- Should be dynamic, accountable, measurable (DAM)
- It is not "sales" and "public relations"
- Principles equally apply to Consumer vs Commercial
- Has a real cost that should be included into the COS