





What is an organisation?



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- Different subtypes of commercial organisations:
 - Sole trader individual no legal formalities the legal entity is the individual.
 - If turn over is big enough will need to register for VAT etc.
 - The individual is liable for company debts—so assets like home, savings are at risk
 - Partnership this is the form a group must trade under unless it is a limited company
 - Often the required form of organisation for professionals, e.g. law, medical, hedge fund, etc. because the liability issues control excesses



- Types of organisation: commercial, public, not-for-profit.
- Different subtypes of commercial organisations:
 - Limited company: the preferred form of legal entity for commercial firms



Limited companies

Three principles:

- Separate legal entity
- Ownership divided into shares (bought and sold by shareholders)
- Risk is limited to the value of their shares.

• In the UK:

- Public limited company (plc): public can hold shares Tesco plc shares may or may not be listed on the stock exchange
- Private limited company (Ltd): shares cannot be held by the public Small Company Ltd



Setting Up a Limited Company

- Two documents (registered at Company House):
 - Memorandum of Association: short and simple name, location of the registered office, objects of the company, liability clause (saying the limits to liability of the owners), share capital (e.g. 100 shares, value £1 to be a plc must have capital over £50K). Concludes with declaration of association that list the people setting up the company.
 - Articles of Association: Complex and technical (see for example: https://www.gov.uk/government/publications/model-articles-for-for-private-companies-limited-by-shares). Covers how the company will run, roles of directors, ...



Directors

- Needed in larger companies
- Directors must have:
 - **domestic obligations** owed to the company:
 - Have regard to the owners and employees' interests
 - Act in good faith and for the benefit of the company
 - Exercise skill and care (be "professional")
 - Declare conflicts of interest
 - legal/external obligations:
 - Be aware of the financial position of the company
 - Draw up annual reports and accounts and filing them at Companies House
 - Complies with relevant law



Directors /2

- Companies have executive (board of directors) and nonexecutive (members of the board – controlling the directors) directors
- Every company has a company secretary responsible for required communications



Setting up a company

- Not necessary to employ a lawyer or accountant
- "Off the shelf" companies as an easy way
- Registering a company yourself costs £100 (same-day service at the Register of Companies) – this is slower because you need to fill in forms etc.
- UK and US have similar, easy, ways to set up companies. In other countries it can take longer and cost much more.



Non-Commercial Bodies

- Statutory bodies set up by act of Parliament
- Royal Charter: sets up free-standing bodies that are independent of the state, e.g. Universities
- Not-for-profit organisations (often established as companies limited by guarantee):
 - Charities
 - Professional organisations: BCS, Institute of Physics, ...
 - Political Parties



Summary

- Becoming a legal entity different ways
- What situations are different entities appropriate
- What limited companies are obligations on limited companies
- Non-commercial bodies



Summary







Bureaucratic model

- Specialist roles, easily substitutable
- One individual one manger (vertical)
- Formal and impersonal form of communication
- Recruitment is based on qualification
- Protection from arbitrary firing
- Promotion is based on seniority/achievement

Organic (participative) model

- Everyone contributes
- Flat hierarchy
- Equal contribution and open communication
- Everyone actively involved in company-wide decisions
- Everyone responsible for all products
- No clear cut distinction



Matrix model

- Accepts that bureaucratic model is too restrictive
- Work may be project-based
- Employees may be working on several projects simultaneously
- Employees may answer to several managers at once
- Matrix because: centralised (expertise) and decentralised (projects)



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Models and Principles

- Organisational Models: the way the work is organised inside a company (organisation of people).
- Organisational Principles: values driving the company, how the components of organisations are decided and how they are related (structure of the components of the organization).
- Organisational structure is usually captured in an organogram.



Organogram - some Structuring Principles

- Function
- Geography
- Ownership
- Product Line
- Market Sector
- Technology
- Operational Structure



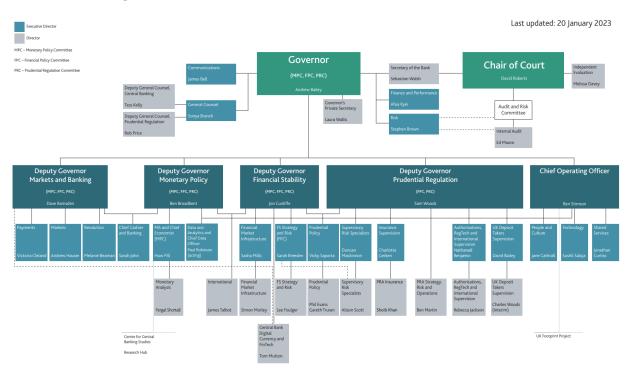
Organogram examples



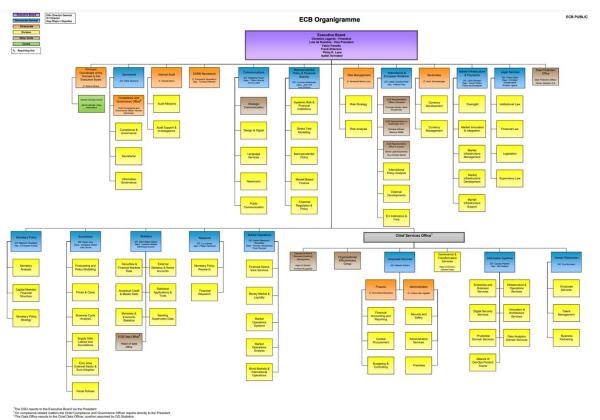
World Health Organization Headquarters* (as of 1 January 2023) Director-General (1) Dr Tedros Adhanom *Click on the Division for further details GHEBREYESUS WHO Office at the WHO Academy Chef de Cabinet (1) **United Nations** Mr Raul THOMAS (a.i.) Deputy Director-General (2) Health Emergencies, Preparedness and Response External Relations and Data, Analytics and UHC/Communicable and Business Operations Chief Scientist UHC/Life Course UHC/Healthier Antimicrobial Resistance Access to Medicines and Emergency **Emergency Response** Governance⁴ Delivery for Impact and Science Division Noncomm. Diseases Populations Dr Hanan BALKHY Health Products Preparedness Planning, Resource Coordination and Performance Monito Quality Assurance of Special Programme o Global Malaria Environment, Climate Health Product Policy Health Security Health Emergency Surveillance, Governing Bodies Data and Analytics Norms and Standards Primary Health Care Programme Change and Health Prevention and Contro and Standards Preparedness Interventions Digital Health and Control of Neglected Global Coordination Regulation and Strategic Health Social Determinants Global Infectious Resource Mobilization Health Workforce Innovation Tropical Diseases and Partnership Prequalification Operations Hazard Preparedness Delivery for impact Health and Multilatera Human Resources and Integrated Health Global HIV, Hepatitis Nutrition and Food Research for Health Country Readiness Talent Management Services and STIs Programmes Strengthening TDR, the Special Programme Staff Health and Health Systems Global Tuberculosis for Research and Training in Health Promotion Wellbeing Programme Tropical Diseases Alliance for Health Policy Noncommunicable WHO Centre for Health Development (Kobe) and Systems Research and Biologicals Diseases Sexual and Reproductive Health and Research Mental Health and Global Service Centre (including HRP)⁵ Substance Use Maternal, Newborn, Child Operational Support and Adolescent Health, and Services and Ageing Partnership for Maternal, Procurement and J Newborn and Child Supply Services Security Services

https://cdn.who.int/media/docs/default-source/documents/about-us/who-hq-organigram.pdf

Bank of England

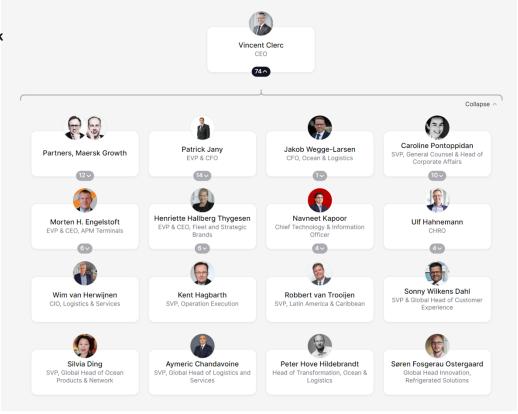


https://www.bankofengland.co.uk/-/media/boe/files/about/people/orgchart.pdf

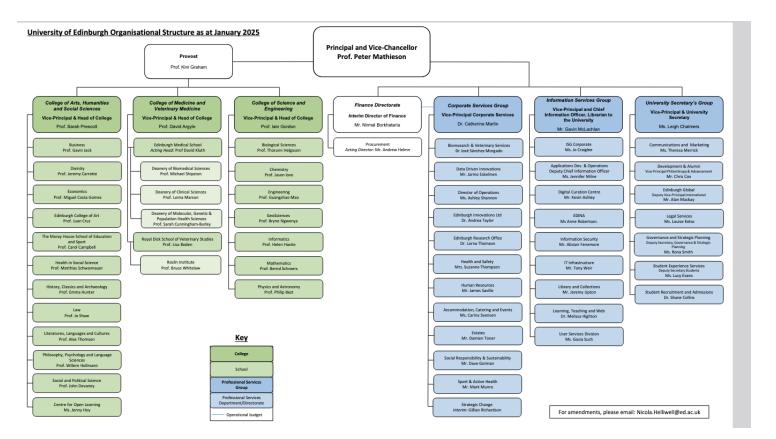


https://www.ecb.europa.eu/ecb/pdf/orga/ECB_organisational_chart.pdf

A.P. Moller - Maersk



https://theorg.com/org/maersk



https://www.ed.ac.uk/sites/default/files/atoms/files/orgstruct_0.pdf

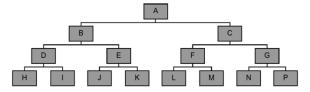
Activity

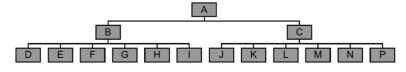
- Have a look at "the org" website, for example the org chart (organogram) for the company Diageo is here: https://theorg.com/org/diageo
- Choose a company and look at its organisation.
- Think of what organising principle the company has and why you think it has this structure.



Depth of Structure

- the number of layers in the structure
- organisational structures are often described as flat or, in contrast, deep or tall, according to whether the depth is small or large







Centralisation

- centralised company
 - as much power as possible is kept at the top of the company, with delegation only when essential
- decentralised company
 - as much power and control as possible is delegated to the lowest level



Relation size of company and appropriate structure

- small company service functions
- big company more oriented towards the market



The Guardian on VW "Dieselgate"

Volkswagen has made sweeping changes to its senior management team as it attempts to cut costs and overhaulits culture following the diesel emissions scandal. The German carmaker has almost halved the number of senior managers reporting directly to Matthias Müller, the chief executive, and brought in several new faces. Müller has pledged to transform the notoriously unwieldy structure of VW after the company admitted that the emissions scandal had occurred because of a "whole chain" of errors and a corporate mindset that tolerated rule-breaking. He said the management changes would "speed up the decision-making process, reduce complexity and increase efficiency".



VW Response to Dieselgate

- Early alignment of the product portfolio with legal requirement
- Guidelines for the development of software with the legal requirements
- Uniform process standards and work instructions that give those involved legal certainty in the work process
- Training programs
- Regular reporting for more transparency
- Introduction of multiple controls for approvals in the product development process
- Reorganization within Development: separating responsibility
- Formation of new bodies for cross-brand management and clarification of compliance issues



Summary

- Organisational structure is essential for larger organisations
- Structure according to business priorities
- All business structures make it difficult for the organisation to respond to some risks.
- Structure to facilitate business and make it easy to respond to the most likely serious risk.



Activity

Anna works for SofTrade, a company that writes software for other trading companies. Anna is junior software tester at the company. She is responsible for tests of features written in Java. Anna is a member of an eight-people team. However, she doesn't get to communicate much with other team members except for her line manager. SofTrade ensures strict lines of communication.

Anna has a clear path to promotion: in two years, provided that she completes her goals, she will get promoted to a senior software tester.





Managers and Leaders



Managers and Leaders

One day you might become a manager or a director or a leader

- What does that mean exactly?
- What issues should you be sensitive to?
 - Seniority is important in determining this.
 - Managers will often be involved in operational matters.
 - Directors and leaders can be more strategic and policy-oriented



Pause for Thought

- Managers and Leaders
- What would you expect of:
 - A manager
 - A leader
- In terms of:
 - The activity they carry out.
 - Their personal characteristics and skills.



The Manager

- Develops plans and timetables
- Organises
- Delegates and monitors
- Exercises control, applies corrective action
- Communicates
- Motivates
- Delivers (predictable)
- Looks inwards



A leader can emerge ...

- Perceived by group as most competent in leadership functions
- Task-orientated: coordinating, initiating contributions, evaluating, information seeking and giving, opinion seeking and giving, motivating
- Socio-emotional: reconciling differences, arbitrating, encouraging participation, increasing cohesion



The Leader

- Establishes direction
- Develops vision
- Communicates and inspires vision
- Energises others
- Innovates
- Figurehead, Spokesperson
- Looks outwards



Summary

- Managers manage, leaders lead
- Managers have a specific role within the organisational structure:
 - Replaceable
 - Trainable
- Leaders provide direction, may arise from anywhere:
 - Not easily replaceable
 - Not trainable



Controlling Organisations



Organisation

- A company is an instrument for maximising value for the shareholders
- Driven by markets
 - lack of understanding of market = no customers = no business
- Driven by resources
 - lack of understanding = lack of control
- The more senior you become the more these will be concerns



Performance areas (Drucker)

- Market standing
- Innovation
- Productivity
- Physical and financial resources
- Profitability
- Worker performance and attitudes
- Manager performance and development
- Public responsibility

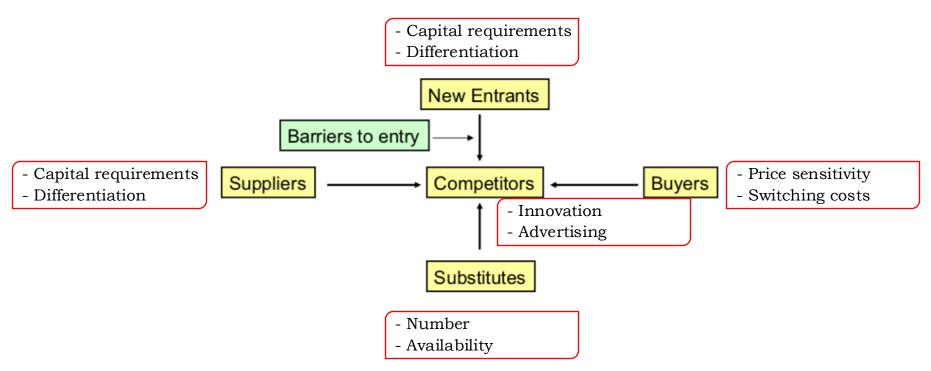


Markets and Marketing

- Not just advertising
- Understanding your market
- What are your opportunities?
- ... threats?
- ... competitors?
- ... customers?



Porter's 5 forces





Examples

- New Entrant: Ford Tesla, ChatGPT DeepSeek
- Substitute: Vinyl record CD iTunes Spotify
- Control of suppliers Tesco
- Control of buyers monopoly
- Control by buyers perfect market; eBay?
- Barriers to entry Semiconductor industry mobile phones...



Porter's 5 forces – Activity

The new company **CodeFlow Solutions (Ltd)** wishes to launch an integrated development environment (IDE) software that specifically caters to beginners, hobbyists, and educational institutions. CodeFlow's product is designed to help new coders learn programming languages more quickly, offering features like real-time assistance, error diagnostics, Al-based code suggestions, and a learning assistant that guides through coding challenges and projects.

CodeFlow operates in the competitive market of development tools, which is becoming increasingly crowded as the demand for easy-to-use coding tools rises with the surge in global digital literacy initiatives and coding bootcamps. While there are major players in the market like Microsoft's Visual Studio, Codecademy, and JetBrains, CodeFlow tries to differentiate itself by integrating educational features directly into the IDE.













P.E.S.T. / S.W.O.T.

- Political
- Economic
- Social
- Technological

- Strengths
- Weaknesses (internal)
- Opportunities
- Threats (external)



P.E.S.T. – car market

- Political emissions reduction targets
 - Works against internal combustion engines
- Economic control of rare earth mineral production
 - Raises concerns over electric vehicles
- Social family size, behaviour
 - 1-parent families hatchbacks?
 - Millenials: Transport as a service
- Technological new products
 - Hydrogen, hybrids, recyclable materials



Marketing Mix – the 4 * Ps

- Product
 - Quality, features, name, packaging, services, guarantee
- Price
 - List price, discounts, credit
- Promotion
 - Advertising, personal selling
- Place
 - Distributors, retailers, locations, transport



Marketing Mix – the 4 * Ps – Activity

Company Name: SmartHome Hub Ltd.

Industry: Home Automation Technology

Product: A smart home device called "HomeAssistant" that integrates various home automation functions (lighting, heating, security, appliances) into a single user-friendly interface accessible via smartphones and voice commands.

Market Scenario: With the increasing popularity of smart home devices, SmartHome Hub is positioned in a rapidly growing market competing with big names like Google Home, Amazon Echo, and Apple HomeKit. HomeAssistant aims to offer superior customization options allowing integration with a broader range of third-party devices and emphasizing data privacy and security, as well as a more luxurious experience.







Competition

- Can compete on cost or differentiation:
 - Cost: make the same thing cheaper
 - Differentiation: make it different / better / here
- Competitiveness based on core competencies
 - Anyone can make Coca-Cola
 - Only they have the network of licensed manufacturers and distributors (and the brand name)
 - Anyone can put an aircraft in the sky
 - Only the profitable airlines can fill it every time
- Each survivor is uniquely superior to all others in some way and thus occupies a niche



Exercise

- You are StackOverflow
- Consider the market you are in, perform a PEST analysis and indicate what market repositioning might be advantageous



S.W.O.T.

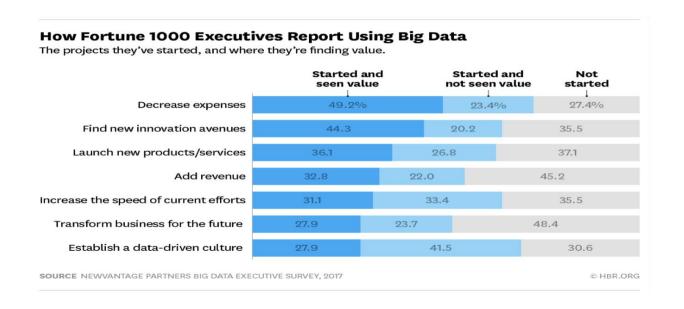
StackOverflow, in the age of LLMs

- Strength: has expert answers and voting system
- Weakness: product is static
- Threat: LLMs might make product obsolete
- Opportunity: reposition via incorporating LLMs/expert answers





Data (this is an old chart, but progress is slow)





Summary

- Successful organizations know their markets
- Successful organizations are sensitive to changes in markets
- Successful organisations measure what is going on in markets
- Companies use data to support strategic decisions (and this is changing rapidly).

