# THE BUSINESS PLANNING POCKETBOOK

## By Neil Russell-Jones

Drawings by Phil Hailstone

"Excellent - clear, concise and very practical." Kevin Jones, Group Planning Executive, Norwich Union

"Excellent introduction to the basics of planning. Sets out a simple useful framework for those who are new to the world of business planning." **Nicholas Beazley, Head of Strategic Planning, BUPA** 

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**INTRODUCTION** Definitions, corporate & business planning, visions, strategies and plans



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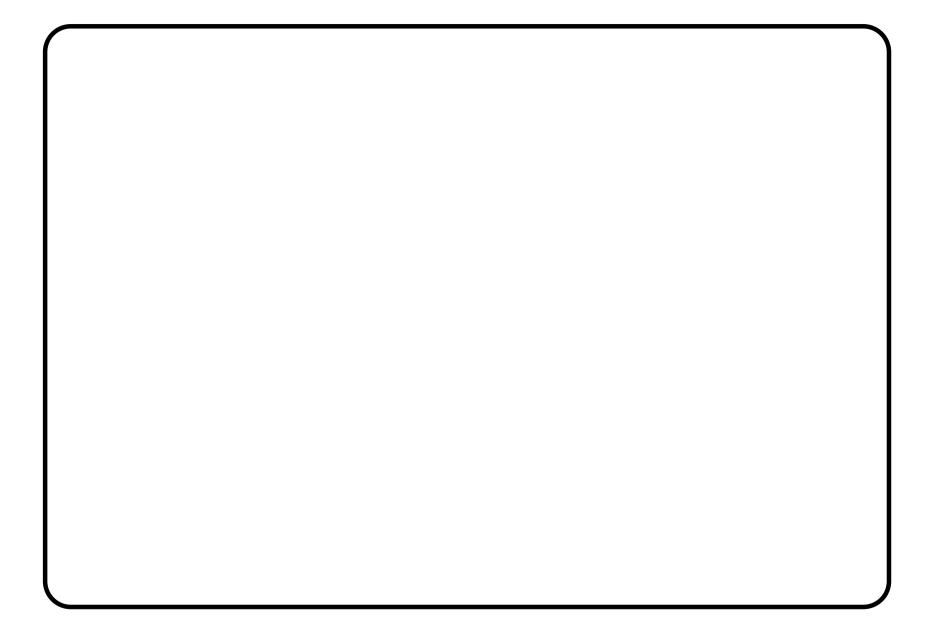


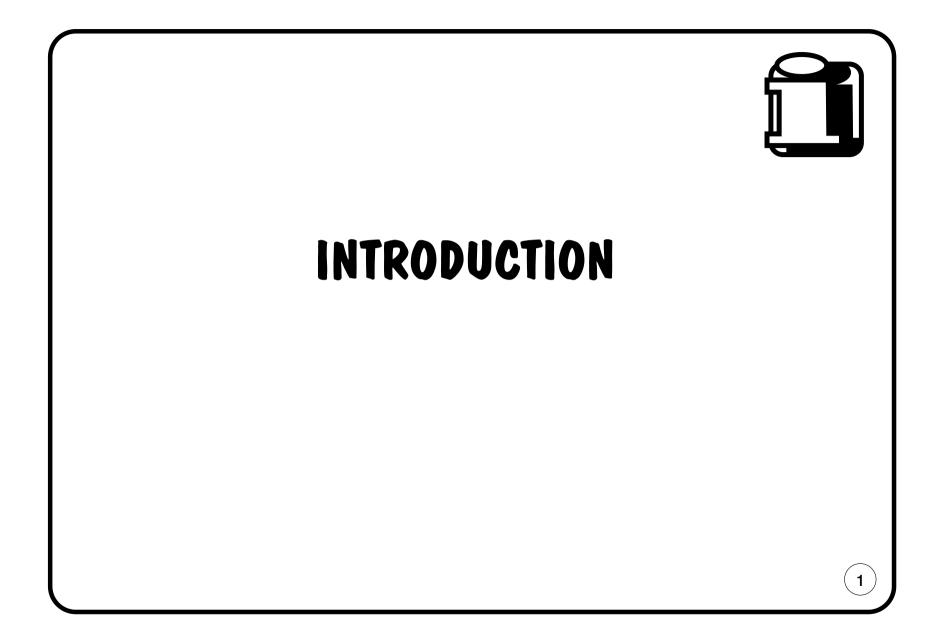
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PLANNING PROCESS Seven stages of the planning process 35





#### DEFINITION



Planning is a feature of everyday living - whether at home or in business. Without it our lives would be totally chaotic and random.

Plans vary from imprecise vague statements to thick volumes prepared over a long period.

Some are useful; others a waste of time. Very few remain unaltered.

People are frequently asked to prepare a plan with no guidance at all, and the result often falls short of expectations.

#### DEFINITION



Richard Hannay, the hero of many of John Buchan's books, had a companion who was a South African Boer - Peter Pienaar. Whenever he was faced with a seemingly impossible situation he would say 'lk shall een plaan mak' - I shall make a plan. He would subsequently carry out the task successfully.

Planning is taking time to:

- Consider the possibilities that might arise as a result of something that you wish to do
- Understand the consequences that arise, and
- Develop actions to counter them or to maximise opportunities

### WHO SHOULD USE THIS BOOK?



Planning takes place in all organisations in some form or other, whether it be formal or informal, and at a variety of levels. Most planning is carried out by middle management in larger organisations, and by people who run their own businesses (proprietors, sole traders, partners or directors of small and medium sized organisations).

If you are in a department or business unit and have to prepare a plan, then this book will help you understand the components and do's and don't's of planning. Those engaged in business on their own behalf will also find it useful.

Some parts of the book may be more appropriate to businesses than, for example, to head office departments, but will fill out the wider background for the latter.

### WHO SHOULD USE THIS BOOK?

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The Business Planning Pocketbook concentrates on what you need to do to produce a plan. It includes both the theory and the practical aspects.

Whatever your situation, the basic planning process itself is fundamentally the same it is just the format and style of development, and sometimes execution, that differ. There may be different front ends to the process, and different issues to consider, but in essence plans are all the same: **an indication of the expected future progress of something.** 

There is also a body of people engaged in planning at a corporate level. (This is usually termed corporate or strategic planning.) This book, whilst touching on strategic planning by way of context, is not really for them.

#### **CORPORATE PLANNING**



It is important to differentiate between planning that takes place at the highest level and that which takes place within an organisation. The former may be referred to as **'corporate planning'**, and is usually found in large organisations; whilst the latter may be referred to as **'business planning'**.

**Corporate planning** is concerned with planning for the organisation as a whole - not for the whole organisation; and it is important to understand the difference.

Any organisation trying to plan for the whole will not succeed, due both to the workloads and the immense number of variables for consideration. (A good analogy is with the former Command Economies where they tried to plan entire countries centrally - with all too familiar failures.)

Corporate planning is about deciding corporate goals and then developing corporate strategies to achieve these. This might take several years and, therefore, it is by nature a long-term view.

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#### **BUSINESS PLANNING**

**Business planning** is concerned with what is going to be done **now** to achieve targets and goals.

It sits, therefore, at the tactical level rather than the strategic.

It is necessarily short-term in outlook; but can nevertheless span a number of years. For example, building a ship or a petroleum cracking plant might take several years to complete, but this would not be a corporate plan, merely one component of a business plan (although for some firms it might be a very large component).

Generally, business plans take a one year horizon, although they will sit within the long-term framework established at a corporate level.

#### **VISIONS, STRATEGIES & PLANS**

It is important to understand the difference between a vision, a strategy and a plan. People often use the terms interchangeably which leads to confusion. In a business sense, however:



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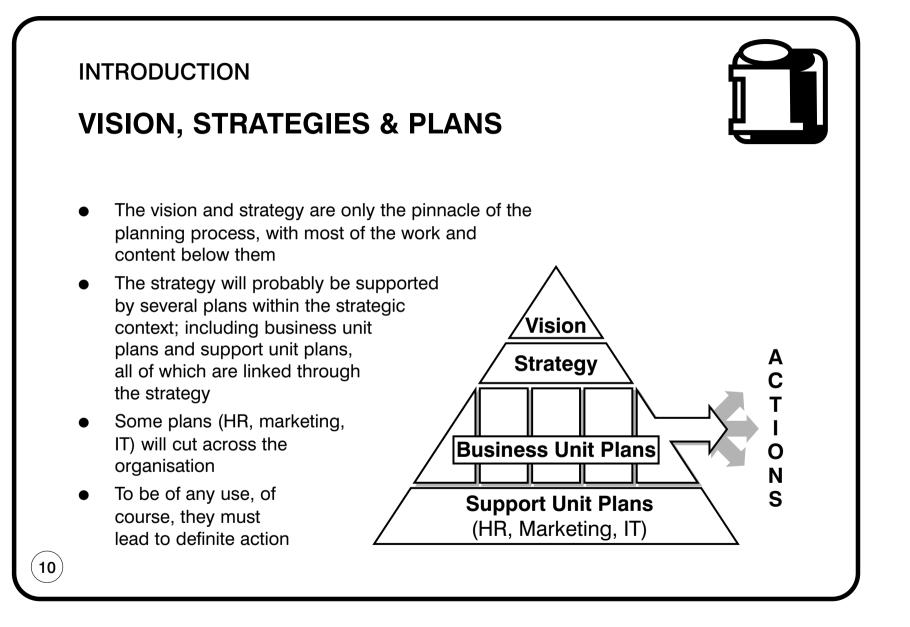
- A **vision** is the long-term view or ideal that drives the organisation
- The **strategy** is the articulation of the vision into practical reality, given the actual situation
- The **plan** is the tactical means of achieving the strategy the actions that need to be taken

#### VISION, STRATEGIES & PLANS TIMESCALES

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VISION	10-20+ years
STRATEGY	3-5 years
PLANS	1 year
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- The vision shapes the strategy, which in turn shapes the plans that support it
- The time horizon decreases as you descend, with plans typically looking only one year out
- Certainty generally increases as the time horizon reduces



#### VISIONS



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Many of the most successful organisations can trace their success to the fact that they have a clear vision which is understood by all employees, customers and, often, suppliers.

Examples of this include:

#### John Lewis Partnership

(a UK department store chain) whose motto is 'Never Knowingly Undersold'

#### Coca-Cola

(a US soft drink manufacturer) whose vision was originally that US GI's should be able to buy a Coke anywhere in the world; currently the most successful brand in the world

#### Wedgwood

(a UK china manufacturer) whose philanthropic founder Josiah Wedgwood had a vision that ordinary people should be able to buy good crockery at low prices

#### Microsoft

(a US software company) whose vision is a PC on every desk

### STRATEGIES

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A strategy is the articulation of the vision in terms that can be easily understood by everyone, although still at a high level.

It takes the vision, which is often on a rather lofty plane, and puts borders around it in terms of what it means for the company.

This is usually expressed through shared goals with customers and 'stakeholders', as well as goals for excellence.

These are the things at which the organisation must excel and, therefore, which will shape the organisation and its internal working and actions.

#### STRATEGIES



The goals will have a set of measures attached to each to quantify what they mean.

Examples could be:

- Return on assets of 3%
- Cost/income ratios of 45%
- Staff turnover below 5%
- Share price a multiple of 15 times earnings, etc

The goals and measures provide the internal strategic framework within which to plan.

When coupled with the external environment, a series of actions can then be developed to carry out the strategy - **THE PLAN**.

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#### PLANS

Plans are the tactical means of implementing strategy and achieving objectives.

A plan sets out exactly:

- What needs to be done
- By whom, and
- When

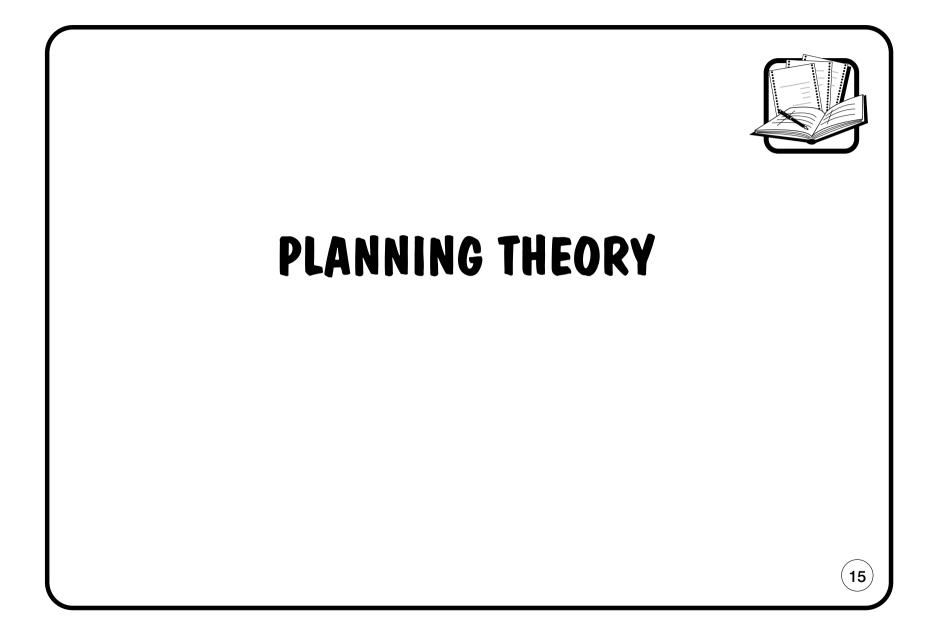
It focuses on the **How** rather than the **What**.

The rest of the book will concentrate on this aspect.





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### INTRODUCTION



There is a plethora of writing about planning theory, but there are a few things that all are agreed on:

• Planning is data driven

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- You must have enough information to make decisions, but no more than is sufficient (avoid paralysis analysis)
- It is more likely that a plan will work if those who have to carry it out are involved in its conception and development
- It must not be too rigid, but sufficiently flexible to adapt to changing circumstances
- Progress must be monitored against the plan

#### WHAT IS A PLAN?

- A plan can be defined as a set of instructions:
  - to someone
  - to do something
  - in a certain manner
  - within a given timescale, and
  - with a finite set of resources
- It designs and precedes action, but is not action
- It helps you fit a set of (possibly) random events into a framework; this enables you to visualise, and therefore make sense of, something intangible and so cope better with it
- It breaks a large undertaking up into a set of discrete measurable tasks



#### WHAT IS A PLAN?



#### A plan:

- Has objectives which can be measured
- Answers questions that stakeholders should be asking
- Builds in options and contingencies
- Identifies and quantifies risks
- Sets out how to minimise those risks or the adverse consequences that might arise from them
- Allows progress to be measured

#### **Planning involves:**

- Management and executive time and input
- Commitment
- Cost
- Research
- Assumptions

Therefore, it is important to get it right (or less wrong than the opposition)!

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#### WHY PLAN?



For some people planning is second nature: for others it is quite the reverse. The dangers of poor planning will be more obvious in some environments than others. The greatest military victories were almost always won where they had been planned thoroughly and all eventualities considered.

Planning gives:

- Certainty
- Measures
- Confidence
- A route map
- Evidence to others of forethought

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#### WHY PLAN?

Planning will help you to:

• Shape your thoughts

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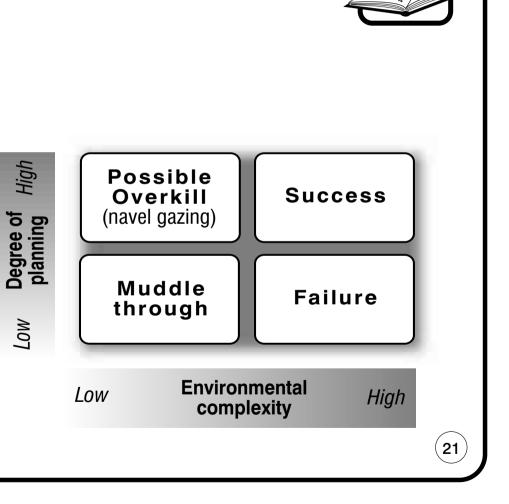
- Think through scenarios and implications
- Ensure that points are not missed
- Demonstrate business control
- Identify weaknesses and opportunities
- Examine the risk of an action/set of actions against the return
- Provide a tool to communicate ideas to third parties (superiors, subordinates, lenders, suppliers, owners, etc)



#### WHY PLAN?

Many people will say that planning is unnecessary and that they get by without it.

This may be fine in some circumstances, but where the environment is complex it will result in failure.



#### **KNOW YOUR AUDIENCE**



Plans are produced for several different reasons and for different people. Each organisation has needs that are unique to it, as well as a unique set of stakeholders (those who have an interest in the outcomes of its operations).

The major stakeholders can include some or all of:

- Shareholders
- Lenders
- Creditors
- Potential investors
- Government (tax)
- The Community, in some cases

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### **KNOW YOUR AUDIENCE**



#### Planner

- Sole trader
- Partnership
- Small company
- Department/unit in an organisation

#### Audience includes:

- Bank manager, creditors, taxman, auditors
- Fellow partners, staff, bank managers, creditors, professional body, taxman, auditors
- Directors, creditors, staff, bank manager, taxman, auditors
- Head of department/unit, other departments/units, superiors, auditors, group planning, accounts department

### **ELEMENTS OF A PLAN**



There is no magic formula for the contents of a plan and, whilst there are some key items that must be present, levels of details will differ with organisational needs. Essential elements include:

- Internal situation analysis of your organisation/division/department/unit
- External analysis of your market and competition
- Product and service offerings description
- Targets going forward
- A budget for expenditure and resources
- Economic forecasts
- 'What if?' analysis

These elements demonstrate adequate research, analysis and thought in preparing the plan.

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### **PLANNING STYLES**



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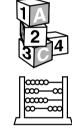
Planning styles differ from organisation to organisation. Example styles include:



- **Top-down** where the initial plan is set centrally
- Bottom-up where contributions are aggregated in stages



A **blend** of these two where guidelines are set centrally along with macro-economic analysis, and units are allowed to prepare their own plans within this framework



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- Informal planning
- Numbers based (traditional)
- Scenario based
- Economic Value Analysis
- Balanced scorecard

### **PLANNING STYLES**



**TOP DOWN** 



This type was probably the most common in organisations where formal planning processes existed, although now many others are being used.

Plans are set centrally and cascade down the organisation. They are often arrived at without proper consultation and discussion, setting arbitrary

targets. Those receiving the plan and its targets are, for the most part, only rarely consulted and end up trying to achieve something that they have neither bought into nor developed.

Not surprisingly, this type of planning is not effective, especially if the planners do not take into account the circumstances of those executing the plans.

A theoretical set of targets might be unachievable in practice, and cause many problems for those at the sharp end.

#### PLANNING STYLES BOTTOM UP



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This type of planning starts with the lowest unit that plans and then aggregates the plans together to yield, ultimately, the final plan for the whole organisation.

A set of guidelines is usually established (though not always), and units produce their own plans within this framework. An aggregation process will ensure consistency of output, reducing in detail as it flows up the organisation.

This method involves everybody and takes their input, but it can take a long time and be very repetitive.

- Often very numbers based strong focus on budgets
- Often leads to conflict as the units try to set themselves unduly easy targets that do not equate with what the organisation needs

# **PLANNING STYLES**

BLEND





This is a combination of the two preceding styles. A general plan is constructed at the top level and then merged with the results of a bottomup exercise.

Usually there is a central co-ordinating body which conducts research,

gives macro-economic forecasts and sets general guidelines as well as the framework. It acts as the aggregating and the initial challenging unit.

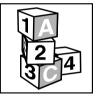
The results are then reviewed, challenged, altered and consolidated.

Economic capital planning often takes this approach.

# PLANNING STYLES



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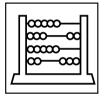
This is usually found in smaller and medium sized organisations where, for example, the directors meet and discuss next year's targets and goals. It is often found in successful entrepreneurial organisations. The key advantage is that it is not a time-consuming exercise, and is very flexible.

Problems arise, however, when the business environment becomes more complex, and this type of planning proves inadequate for control and measurement.

This can often have disastrous consequences for firms unless they move smoothly to other, more disciplined, methods of planning.

#### PLANNING STYLES NUMBERS BASED





Probably the most common style of all, and may be used in conjunction with another method. It gives great comfort to people as, by concentrating on the quantitative rather than the qualitative, it appears more certain. It is easier to produce a cashflow than to understand the likelihood of people to prefer your product, but you can lose sight of the bigger picture.

One of the criticisms levelled against GEC in the latter part of Arnold Weinstock's reign was that planning was purely based on cashflow, ignoring other aspects, and that that led to its lack of vision.

All plans, of course, involve an element of numerical analysis, but relying wholly on numbers has largely been discredited now and a broader perspective is more commonly taken.

#### PLANNING STYLES SCENARIO BASED





A very advanced type of planning, of which Shell is perhaps one of the leading exponents.

It involves agreeing future likely scenarios and then analysing the impact on the business, and the action required to counter adverse consequences.

These scenarios can then be weighted by probability. A best-fit path can then be charted between the most likely to occur, with contingency plans for action should one scenario develop strongly.

It is an excellent method of quantifying uncertainty, but often involves the use of very complex models and analysis techniques looking quite far into the future. It is, therefore, inappropriate for most businesses and is more strategic than tactical.

Where large capital investments are planned, however, this method can yield substantial benefits over others.

#### PLANNING STYLES ECONOMIC VALUE ADDED





This approach is heavily dependent on numbers. It focuses on the return on the capital used by the business, less the cost of that capital. This is usually calculated as a Weighted Average Cost of Capital (equity and debt) [WACC]. It is used by, inter alia, Coca-Cola, Siemens, Procter & Gamble and many others.

The key determinant is whether the activities create value over and above the cost of capital, or consume or destroy value. In other words, do they increase the value of the organisation at the end of the year?

Planning is carried out to ensure that activities beat this measure. Those using it claim heady success in increased business focus. It has shown some surprising results in many organisations; challenging some long-cherished assumptions about where true value is generated.

It started in the USA then spread to the UK. It has latterly found a degree of reluctant acceptance in continental Europe as private shareholders have become more prominent. It is particularly useful in large organisations with many business units.

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## PLANNING THEORY

# PLANNING STYLES BALANCED SCORECARD



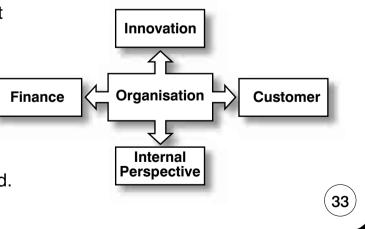


This approach is an attempt to blend together quantitative numerical analysis with qualitative analysis of other elements that are important to organisations, such as:

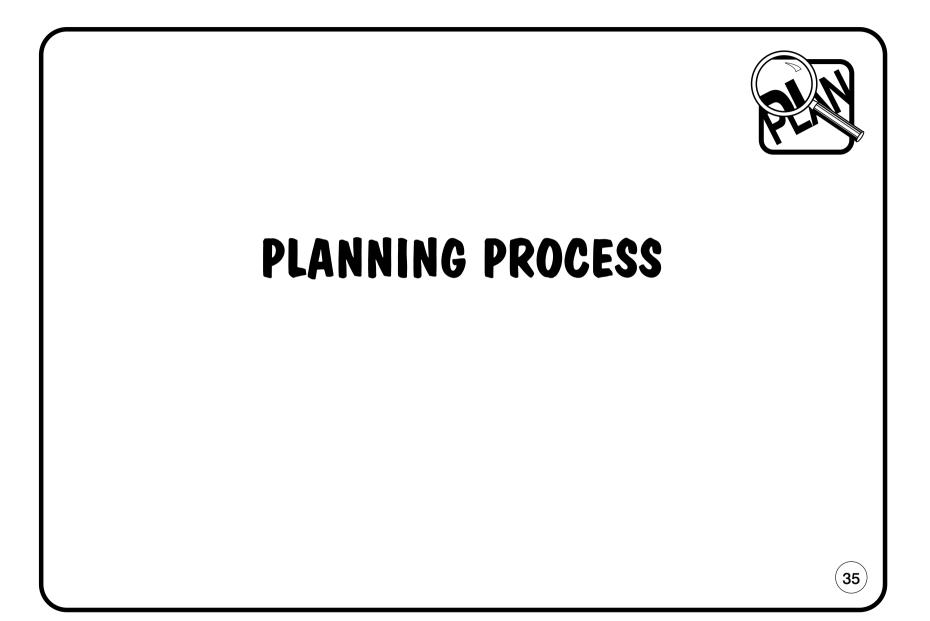
- The customer's perspective what the customer thinks of us; how to improve loyalty
- The internal perspective what we must excel at, eg: employee skills
- Finance what our targets must be, eg; cost/income ratio, return on assets, return on capital, profit
- Long-term survival looking to the future and innovating to create extra value

It is a measure that will drive the shape of all plans, as each must address all four aspects of the scorecard.

It can be difficult to use in practice, however, and can cause confusion if inadequately explained.



PLANNING THEORY WHICH STYLE?		
Which planning style is	suited to your organisation?	
Low Ability of High to predict	Economic value added       Scenario         Top down       Scenario         Dalanced scorecard       Balanced scorecard         Bottom up       Numbers based         Numbers based       Change the management!!	
	Low Environmental High uncertainty	
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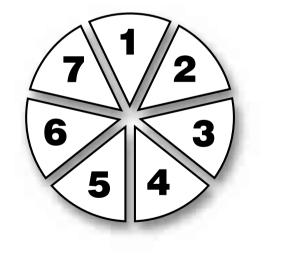
# INTRODUCTION



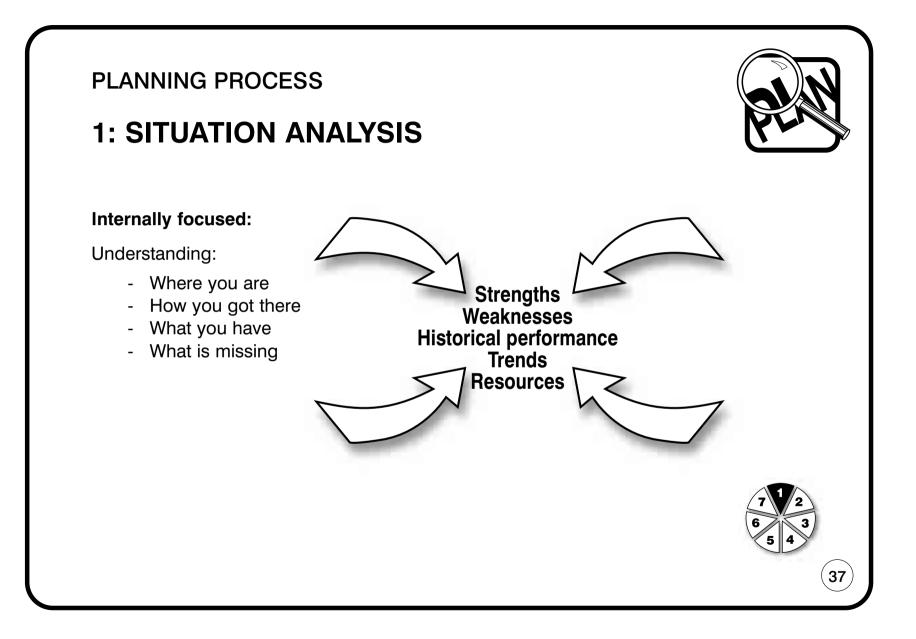
The planning process is a sequence of steps that are followed in order to produce a plan, which is the ultimate output. It involves analysis and development of conclusions, as well as actions.

A typical planning process involves the following steps:

- **1** Situation analysis
- 2 External analysis
- **3** Gap analysis
- **4** Action development
- **5** Resource assessment
- **6** Target setting
- 7 Financial modelling



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# **1: SITUATION ANALYSIS**

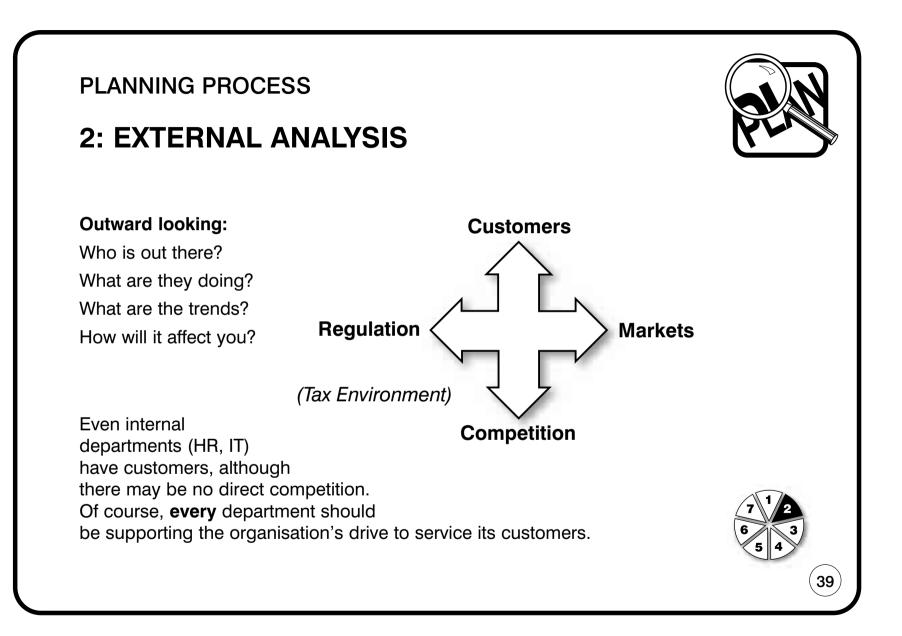


This is the analysis of your own particular organisation or unit and would include:

- A historical analysis of your own situation, ie: what you have accomplished to date
- The trends in that accomplishment, highlighting:
  - Areas in which you feel you are relatively strong
  - The degree of that strength
  - Reasons why (key elements of success)
  - Areas where you feel that you are weaker
  - The degree of weakness
  - Reasons why
  - Key resources/requirements



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# **2: EXTERNAL ANALYSIS**



An analysis of forces outside your organisation which will impact on your plans. This will include markets, competition, customers, regulation, tax and environment.

#### Markets

- What is happening in them?
- Where do you fit in?
- What are the trends?
- Are there opportunities there?
- Entry/exit barriers
- How can your unit support the organisation here?





# **2: EXTERNAL ANALYSIS**



#### Competition

- Who are the current competitors?
- Who might they be in the future?
- What are their products?
- How are they competing (price, service, quality, marketing)?
- How do they distribute?

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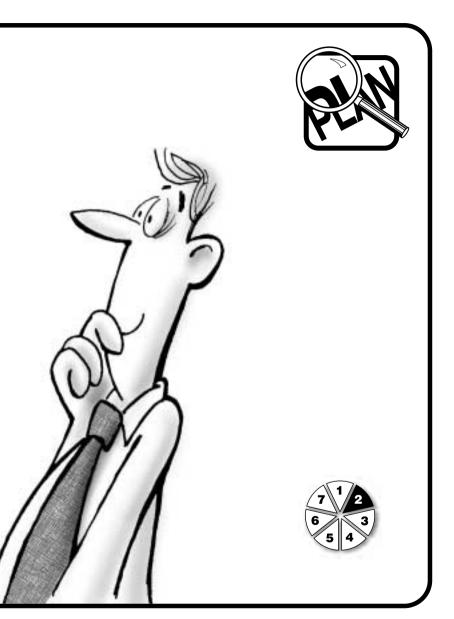
- How important is it to you? (clever tax planning can save £ millions for large organisations)
- Are there advantages in bringing some services in-house?



# **2: EXTERNAL ANALYSIS**

#### Customers

- Who are they?
- Where are they?
- How do you communicate to them?
- Which are the key segments (Pareto analysis: those that deliver the highest proportion of value)?
- What are their needs and (how) are they changing?
- Who will be the future customers?



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# **2: EXTERNAL ANALYSIS**



#### Regulation

- What are the current regulations affecting your business (there could be several levels of these, eg: national, federal, global)?
- Are you compliant if not how/when will you be?
- How might they change?
- What are the implications for you?

#### Environment

- How important is this consideration to you, your customers, your stakeholders?
- How will it affect you, eg:
  - will it change your costs?
    - your suppliers?
  - are there legal implications?



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# **3: GAP ANALYSIS**



Now look at the external analysis in conjunction with your internal situation, and highlight areas where you are relatively strong and those which need development/action. Prioritise the points by reference

to your competition. The higher the priority and the greater the gap, the greater the emphasis on the change.

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Key points for analysis difference between where you are and where you want to be indicates development need

HR Where you are now Where you want to be Admin Gap Sales Marketing Product R&D Distribution

# **4: ACTION DEVELOPMENT**



Having identified the gaps, you need to take action to close them. This involves developing those areas where you are weak, and maintaining and enhancing those where you are strong:

- If you identify that your products are deficient, then you must produce a plan to improve existing ones or to introduce new ones
- Where technology is crucial to success you must develop a plan to bring your organisation up to competitors' levels or, better still, one step ahead
- If your staff have the wrong skills or the wrong training this must be addressed

All in the context of the strategic goals, of course.



# **5: RESOURCE ASSESSMENT**



Once you have completed the action development stage, you can examine what resources you will need. The gap analysis will have highlighted some areas, which will have been expanded during the action development. This stage will be specific and will focus on:

- **People** management, staff, specialists, external resources
- **Fixed assets** plant, machinery, buildings
  - IT hardware, software, linkages
- Distribution what sort, outlets, remote, agents, electronic
- **Finance** the money needed to achieve the plan, high level budget, possible type of finance





# 5: RESOURCE ASSESSMENT PEOPLE

The key questions to be answered include:

- How many people do you need?
- What skills do they require?
- What training is required?
- What recruitment is needed, when?
- What career development must be undertaken?

**Manpower Planning** 

• How will this be managed?



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# **5: RESOURCE ASSESSMENT**

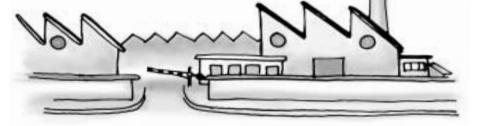
#### FIXED ASSETS

Fixed assets are those assets used to produce the outputs: plant, machinery, land and buildings, etc.

- What do we have?
- Are they right?
- What do we need if not?
- Can we dispose of those unwanted?
- Are depreciation levels right? (The type of depreciation chosen can affect corporate results)
- Are we receiving the right rate of return on them (are we 'sweating' them)?









# **5: RESOURCE ASSESSMENT**

#### INFORMATION TECHNOLOGY



Nowadays this is critical to almost all businesses. Often in the past IT departments were out of proportion with the organisation, but with increased IT literacy of management this is less so than before.

IT must support the business and not be a means to its own end. It should be controlled rigidly by the business. Key questions for inclusion in the IT strategy part of the plan include:

- What do we have?
- Does it support the business?
- What is its life? (IT projects are often measured in years)
- Is it millennium compliant? (Only of relevance until the year 2000)
- Is the plan still going to deliver meaningful IT support to the business?
  - legacy systems (ageing systems which need to be replaced)
  - technology obsolescence



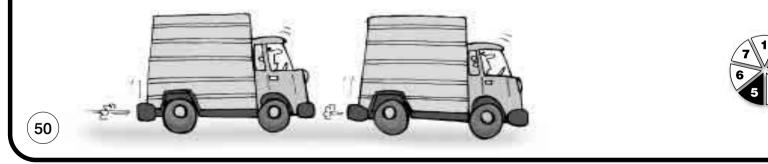
# **5: RESOURCE ASSESSMENT**

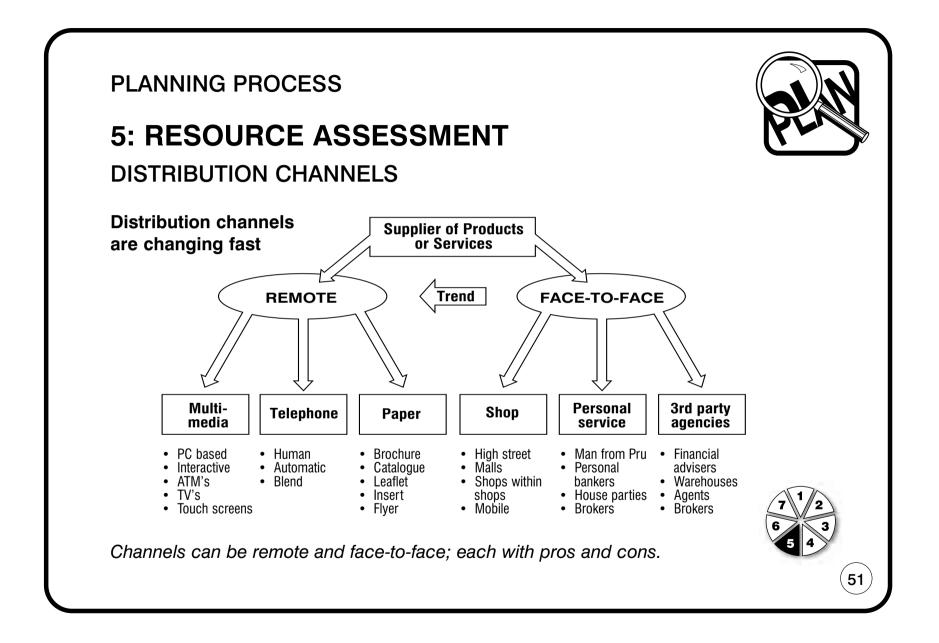


#### DISTRIBUTION

How products/services are distributed to customers is a critical part of strategic planning, and the following questions need to be considered fully:

- Which distribution channels should we use to maximise product outreach?
- Which do we use currently?
- What are the relative channel costs against their respective returns?
- How do we control channels, eg: the internet, where purchases tend to be driven by price rather than brand, and the product suppliers are just icons, with no direct contact with the customer.
- Which will be the future channels?
- What impact will this have on head office departments?





# 5: RESOURCE ASSESSMENT FINANCE



Finance is the oil of the business engine - without it the firm will grind to a halt.

The key issue is to maximise capital availability against cost and return. Specifically:

- Do we have the right amount of capital for the business plan?
- Is it the right sort investment v debt; what gearing does it give us?
  - what is the average cost of funds of the business (known as the Weighted Average Cost of Capital or WACC)?
  - what are the implications for payments (dividends v interest)?
- Does the duration of the capital match the expected expenditure and return?

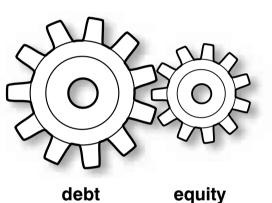
Where capital is allocated to all units these questions are of fundamental importance.



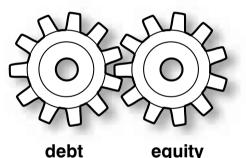
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# **5: RESOURCE ASSESSMENT**

#### FINANCE: GEARING ANALYSIS



Highly geared company benefits during times of growth as debt is usually cheaper than equity, but suffers in recession as interest payments must always be met.



equity

Company with more balanced debt/equity ratio benefits during recession as dividend payments can be deferred; in times of boom pays out more in dividends, but can attract capital.





# 5: RESOURCE ASSESSMENT BUDGETING



Whatever type of planning style is used, it will always be underpinned by a budget.

This is an assessment of likely flows of cash, income and profit for the next year.

If you are in business you will almost certainly have been involved with a budget, whether as someone suffering from its constraints, as a developer of a budget, or even as a management accountant or analyst measuring variances against them.

Despite their bad reputation they are a valuable management tool for controlling business and results.



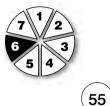


# **6: TARGET SETTING**

Every plan must contain targets so that you can measure progress and, ultimately, the success of the plan. The targets may be **quantitative** or **qualitative** and typically will include:

- Financial returns
- Costs (absolute or relative)
- Market share
- Manpower
- Sales/volume of business
- Growth
- Customer satisfaction
- Quality of outputs

Where goals have been set, or a balanced scorecard is in use, the targets will be linked back to these.





# **7: FINANCIAL MODELLING**



It is impossible to get away without looking at the financial aspects of a plan. Finance is critical to any business and, in particular, the key is sustainable cashflow. An organisation, even if unprofitable, can keep going for a long time, provided it can generate sufficient cash to meet its bills as they fall due.

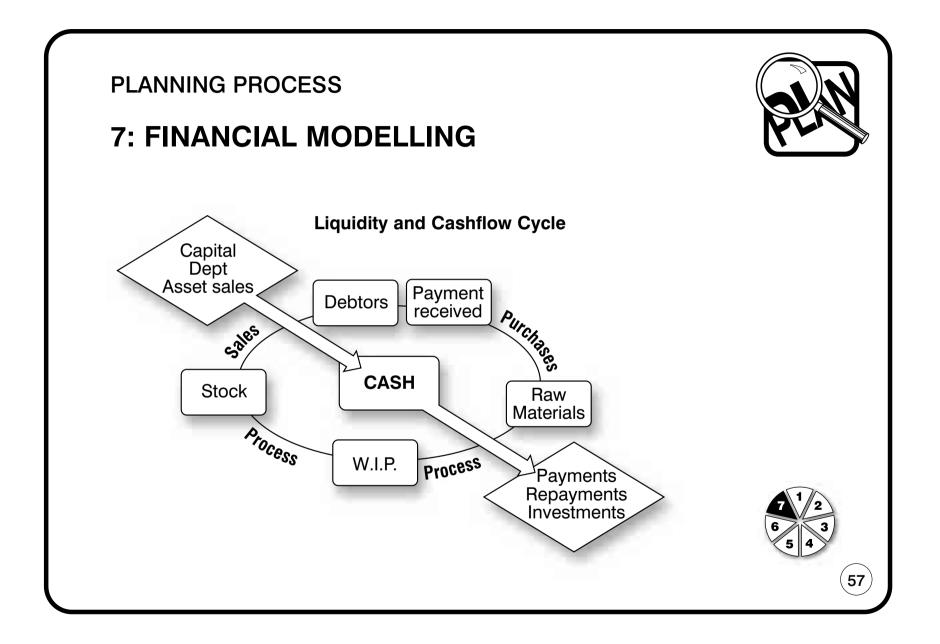
A profitable company that cannot raise cash will go out of business.

You need cash to:

- Pay staff
- Purchase raw materials (settle creditors)
- Pay for consumables
- Invest in assets
- Pay dividends
- Pay tax
- Repay debt

(56)





# **7: FINANCIAL MODELLING**



In addition, you need to:

- Demonstrate tight control over costs vis-a-vis income
- Demonstrate that you can service debt
- Provide an adequate return on invested capital
- Retain earnings for growth

You must, therefore, produce financial models to support these, including:

- Cashflow forecasts
- Projected profit and loss
- Expected balance sheets
- Funds flow statement

The latter three statements are probably inappropriate for internal departments. Many organisations produce cashflows on a regular basis (weekly) for management purposes.



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# 7: FINANCIAL MODELLING

#### CASHFLOW FORECASTS



- These are estimates of the likely expenditure and receipts in cash terms over the next 12 months.
- Cashflow is vital to a business and anyone looking either to lend, invest or extend credit to you will wish to see that the business can generate sufficient cash to cover its outgoings.
- An accurate cashflow will enable you to predict your financing needs, allowing you to establish facilities in advance when lenders are more sympathetic, rather than afterwards, when they will be less so.
- Producing a cashflow forecast allows you to demonstrate that you have thought through the flows of cash (not funds or profit). Interested parties can then challenge your assumptions; your answers to these challenges will give them confidence that the assumptions, and therefore the forecast, are likely to prove robust.



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# **7: FINANCIAL MODELLING**

#### CASHFLOW FORECAST : EXAMPLE

	1	2	3	4	5	6	7	8	9	10	11	12
Opening balance	XX	45	72	96	(123)	50	83	87	(123)	67	96	123
Receipts	XX	xx	xx	xx	xx	XX	xx	xx	xx	XX	xx	xx
Debtors	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Assets sales	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Capital injection	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Interest received	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Dividends received	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Expenditure	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Salaries	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Rent	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Rates	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Assets purchase	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Creditors	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Tax	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Drawings/dividends	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
Closing balance	45	72	96	(123)	50	83	87	(123)	67	96	123	48

This enables financing needs (months x and y) to be predicted and catered for in advance.



# 7: FINANCIAL MODELLING

#### **PROFIT & LOSS**



This is a statement of the historical performance of a business or unit in terms of:

- Its annual revenue and the key components
- The costs associated with that revenue and the major categories
- The resulting profit (gross and net)
- How the profit was apportioned (paid out as dividends, placed into reserves for future growth, etc)

It serves as a useful financial statement for assessment of past performance as well as extrapolated likely future trends.

Producing a forecast profit and loss as part of your plan will demonstrate the impact of the plan in financial performance terms.

Internal/support departments will not usually have them.



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# **7: FINANCIAL MODELLING**

#### PROFIT & LOSS: EXAMPLE

INCOME STATEMENT £m					
TURNOVER Less	107.0				
Cost of sales Distribution costs Administration costs	32.0 13.0 27.0				
Plus					
Other operating income Adjustments	11.0 (3.0)				
TRADING PROFIT	43.0				
Associated co's profits	2.0				
PROFIT BEFORE INTEREST & TAX	45.0				
Net interest payable(+/-)	(13.0)				
PROFIT BEFORE TAX	32.0				
Tax payable	(17.0)				
PROFIT AFTER TAX	15.0				
Minorities	_				
Extraordinaries	(5.0)				
NET PROFIT	1`0.0´				
Dividends	4.0				
PROFIT RETAINED	6.0				



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# 7: FINANCIAL MODELLING

#### **BALANCE SHEET**



The balance sheet is a 'snapshot' of an organisation's position as at a given date (usually the end of a year, either fiscal or actual).

It shows:

- The assets of an organisation what it owns
- The **liabilities** of an organisation what it **owes**
- The difference is what an organisation is worth often called **equity**, **shareholders' net worth**, etc

Although only a picture of one day, it does nevertheless give valuable information as to component parts of an organisation.

A good plan will often include a forecast balance sheet to demonstrate the impacts on asset and liabilities. Many organisations produce this on a regular basis (weekly) for management purposes.



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# **7: FINANCIAL MODELLING**

#### **BALANCE SHEET : EXAMPLE**

(64)

£m

50	Current assets Less	(cash, investments, debtors, stock, prepayment	s)
(25)	Current liabilities	(tax, creditors, S/T debt, dividends)	
15	Net working cap	ital	
100	Fixed assets Less	(plant, machinery, land and buildings, IT, etc)	
(70)	Creditors	(loans, long-term creditors, deferred tax)	
_45	Net assets		
45	Shareholders' net worth	(capital, retained profit, reserves)	7 1 2 3 5 4



# 7: FINANCIAL MODELLING

## SOURCES & USES OF FUNDS



This statement shows how an organisation funded itself through the year. In particular it shows:

- Where the money came from
- Where it went
- The duration of the funds in
- The maturity of funds out (to allow mismatch analysis)

It is self-evident that sources and uses should by and large reflect the same timescale. It would be very foolish to borrow short-term (less than three months or even overnight) to fund a long-term (eg: five year) project. Interest rates would probably move against you, maturity of outflows would almost certainly occur at unfavourable times, and you might be unable to fund the project at any given time if there was a credit squeeze.

Demonstrating that this aspect has been considered goes a long way to instilling confidence in you and your plan.



# 7: FINANCIAL MODELLING SOURCES & USES STATEMENT

#### Sources

- Pre-tax profit
- Depreciation
- Sales of assets
- Decrease in stocks
- Decrease in debtors
- Shares issued
- Increased loans
- Increased creditors

#### Applications/uses

- Dividends paid/drawings
- Tax payments
- Loan repayments
- Decrease in creditors
- Increase in stocks
- Increase in debtors
- Purchase of assets



(66)



# 7: FINANCIAL MODELLING SOURCES & USES

Key points - there are only four sources of funds:

- Cashflow from operations
- Capital injection

Asset sales

Debt

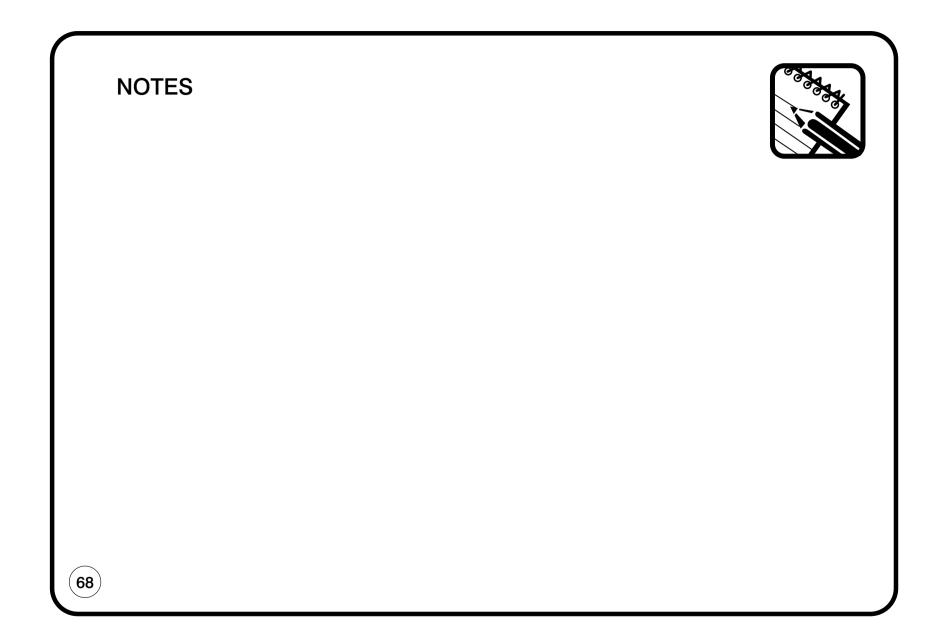
Funds will not come from anywhere else, so any funding must be explained in these terms. Anyone looking at the plan will give especial attention to funding, as it is a lack of this that causes problems.

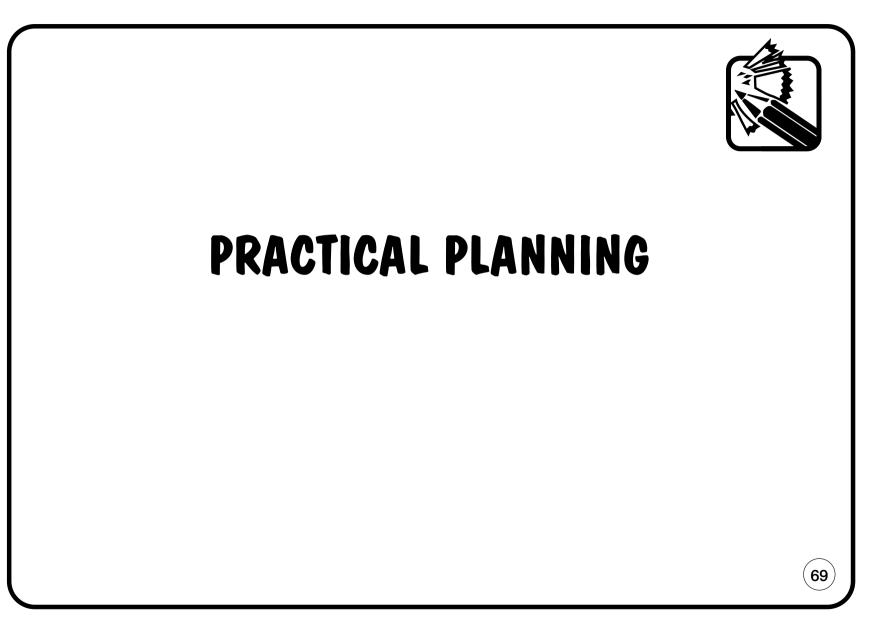
This statement provides the link between the opening balance sheet, the profit and loss for the period and the closing balance sheet.

**Sources of funds** are increases in liabilities (increase in borrowing/capital) or decreases in assets (release of funds, use of cash), **Applications of funds** are decreases in liabilities (repayments/payments) or increases in assets (purchases or extra cash).









# PRACTICAL PLANNING STRUCTURING A PLAN



When assembling a plan, you must think of those reading it - whether your colleagues, superiors, investors, creditors or suppliers.

- Does it say what you want it to say, in the best manner, portraying your organisation in the best light, truthfully but giving your readers the information that they need?
- Is all relevant information present and in an easily digestible form?
- Is there a logical flow?

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• Does it support your objectives?

Wherever possible, detail should be in appendices so as not to detract from the key messages, and to provide clarity and ease of reading.



## **STRUCTURING A PLAN**



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Typical structure of a plan would be as follows:

- Summary
- Introduction and description of the business
- Market analysis
- Internal situation analysis
- Marketing plan
- Operational plan
- Financials
- Resource requirements
- Appendices

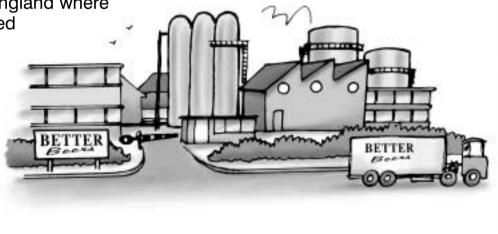
An example using a company for illustration follows on the next few pages.

## **EXAMPLE COMPANY**

The example company operates in the brewing industry.

- It has a turnover of £150 million
- It has 80 employees
- The board consists of five executive directors (family) and three non-executives
- It has just introduced a role of planner, and put in hand a planning process, having undergone a strategic review last year
- It is based in the north of England where its market is primarily located

The example is fictitious but intended to illustrate a plan. In the following pages extracts from its plan are shown.





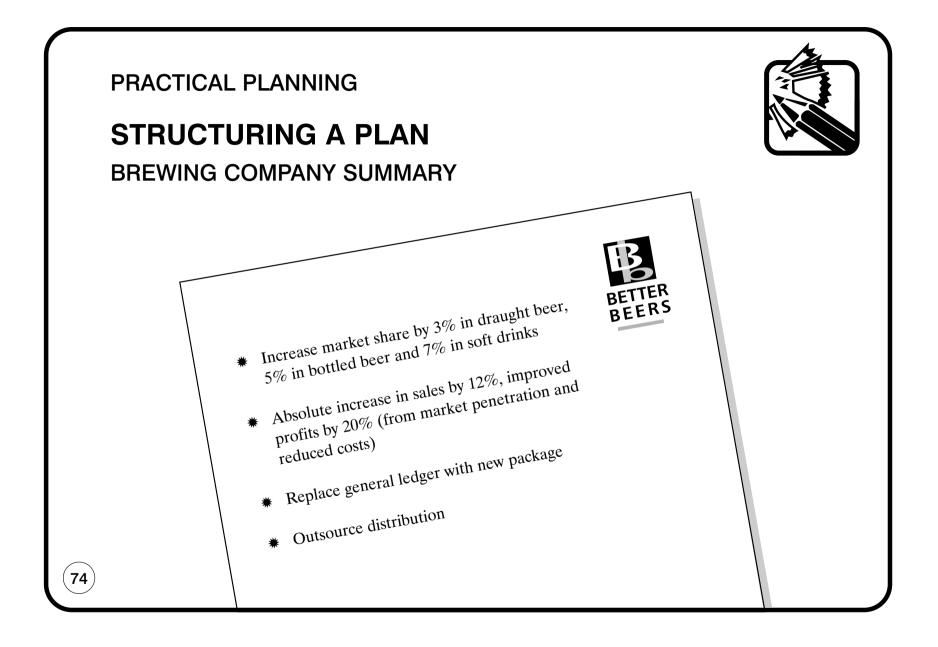
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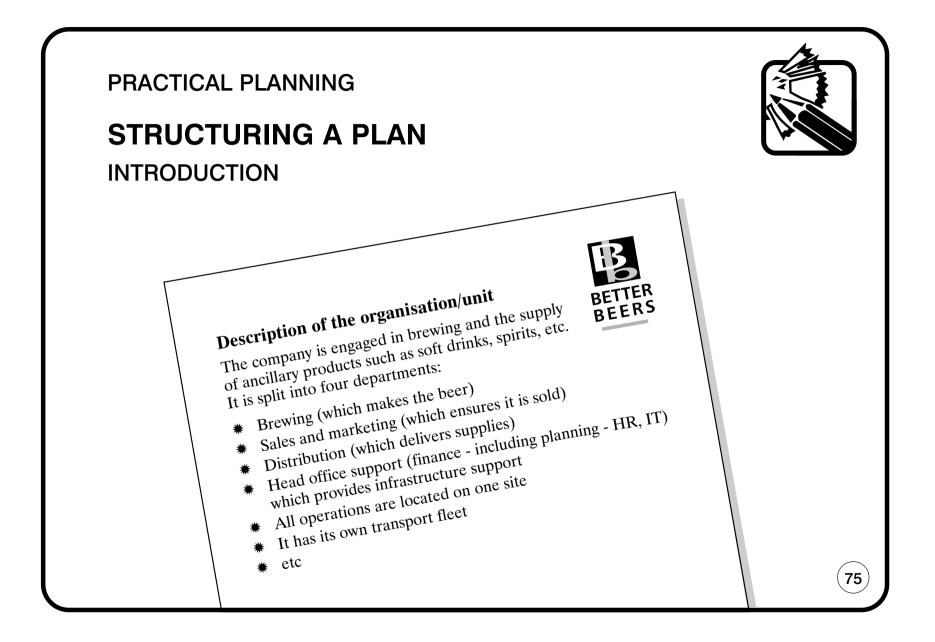
## **STRUCTURING A PLAN** STYLE OF SUMMARY

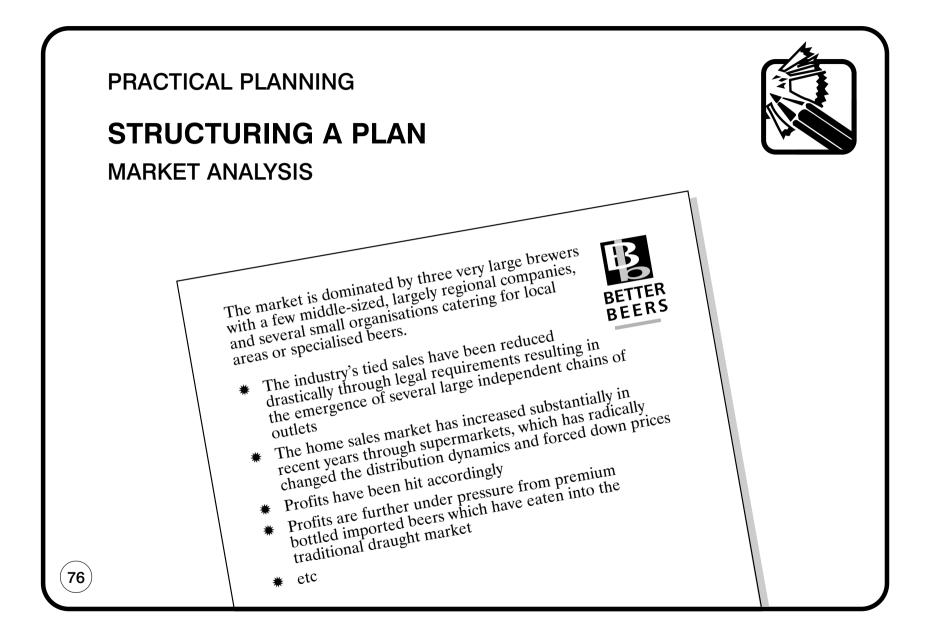


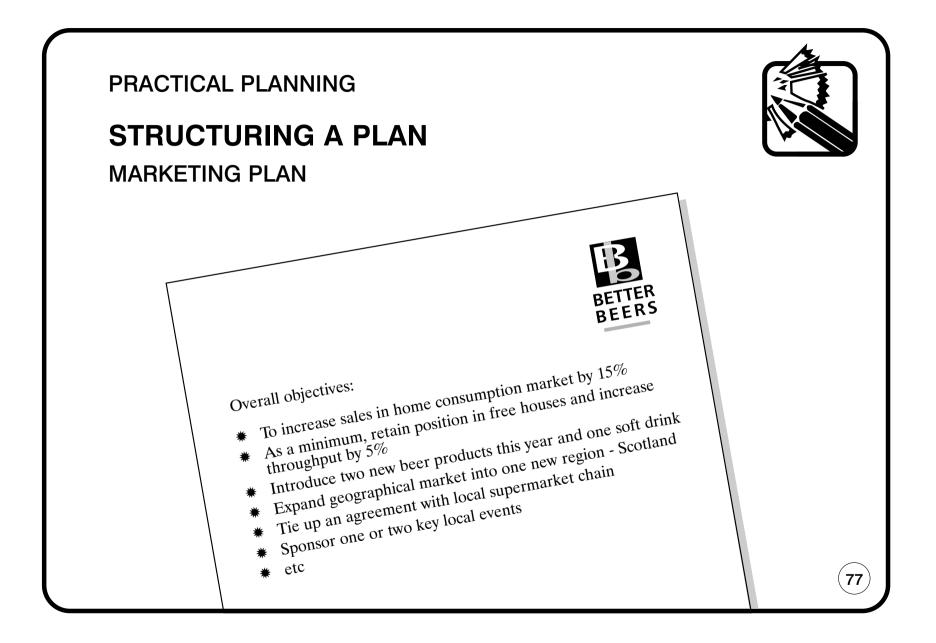
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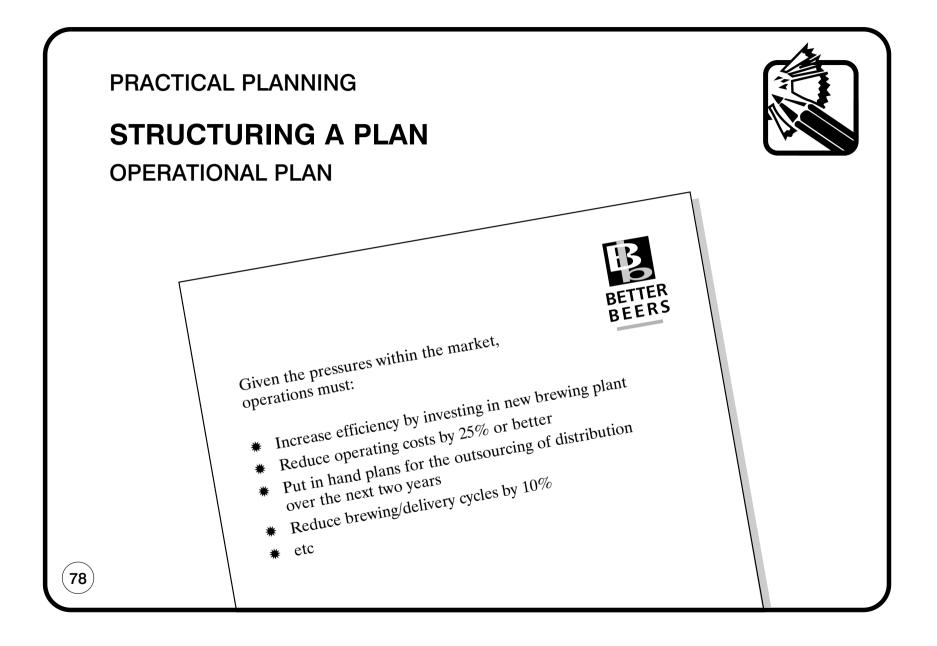
- The key objective is to get the readers' attention and to make them wish to read on
- For very large organisations, the summary may itself be quite lengthy, in other firms quite short
- It should, however, be a stand-alone document which takes the readers by the hand and leads them to support the conclusion that you have drawn
- Many people will read nothing else, but the rest of the plan should support the summary, allowing them to 'drill down' for information

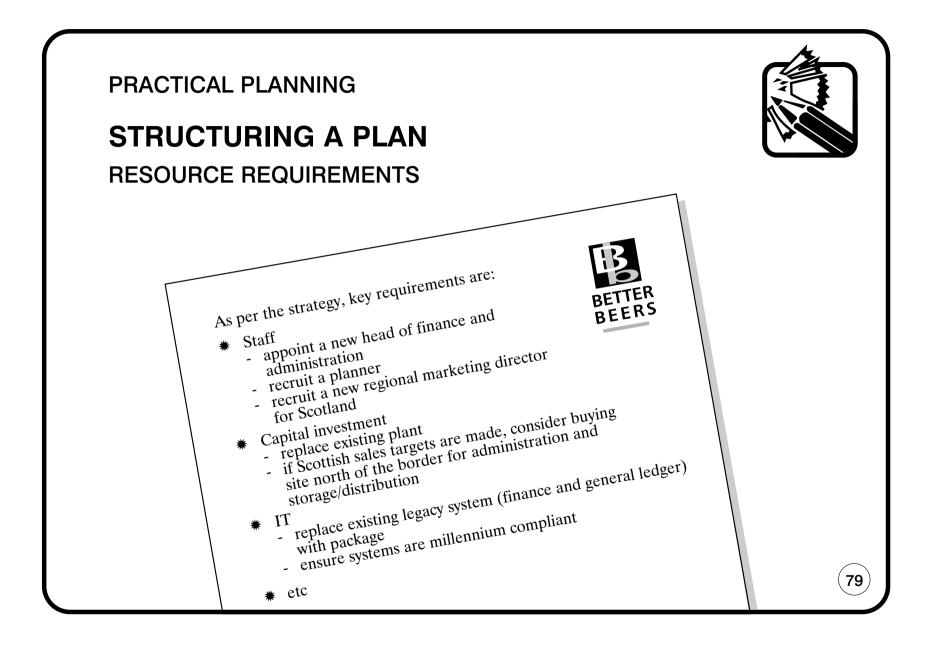


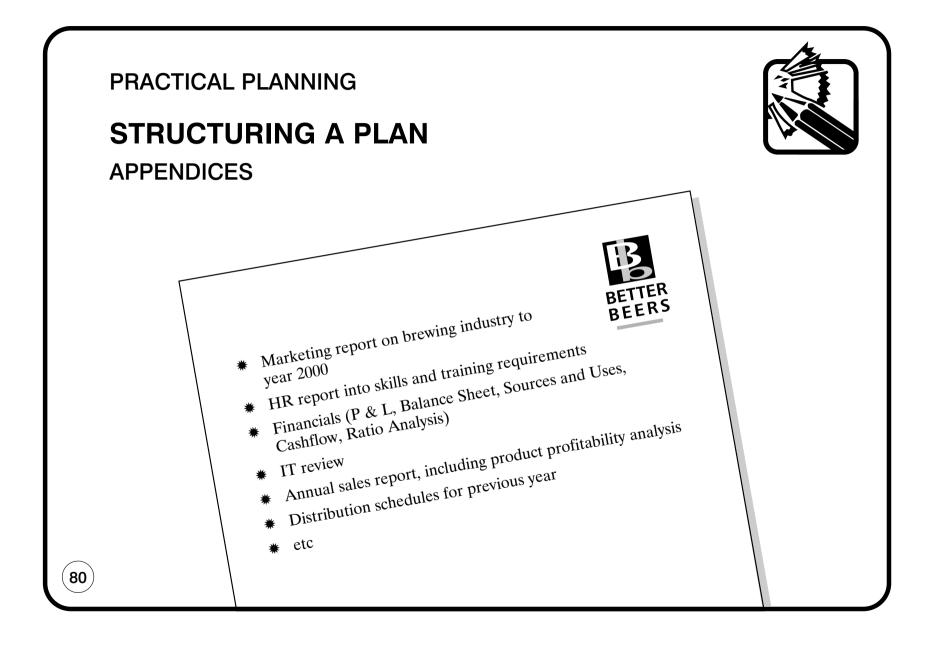








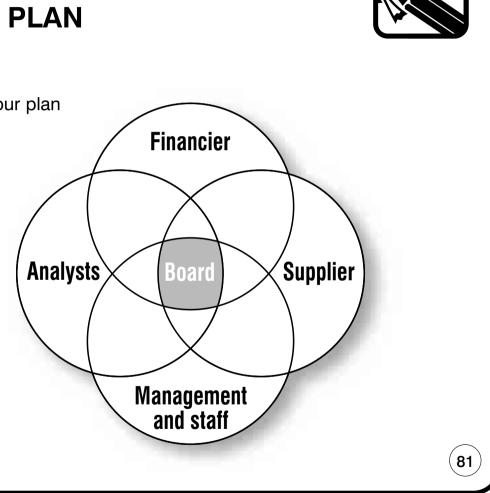




# PRACTICAL PLANNING COMMUNICATING A PLAN

It is up to you to make sure that your plan communicates well to the reader. Each reader will have different needs, albeit with a high degree of commonality.

You should decide on whether you need to prepare different versions for different audiences.



## **COMMUNICATING A PLAN**

#### THE PYRAMID

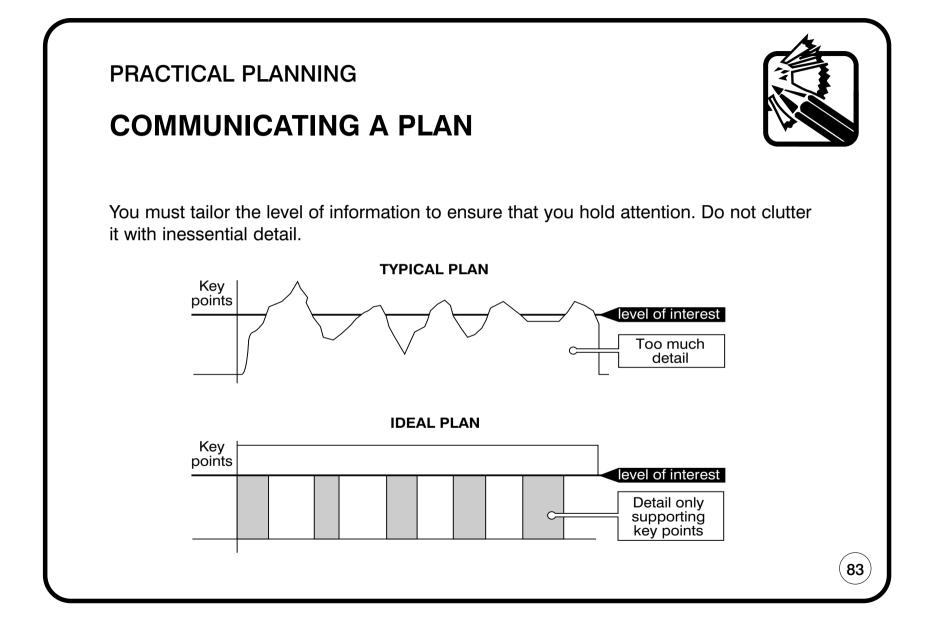
(82)

In communicating a plan, remember to make your message stand out.

Adopt a pyramidal approach:

- Key message in the summary
- Supporting points in the main body
- Real details in the appendices
- Allow readers to drill down to the level they require
- Summary is a stand-alone document





## **USING A PLAN**



A plan is **of no use whatsoever unless it is used**. This means that the theoretical thinking must be translated into something tangible - **action**.

The plan is only a route map and must be used as such. On a regular basis you must take time to look at where you are and compare and contrast your position with what you had planned. You should then take action to put yourself back on course if you are adrift, to change course if events demand it, or alter the plan to reflect reality.

Typically, given that a plan is short-term, most measurement against it tends to be budgetary variance analysis, and subsequent investigation into the reasons. However, the plan was prepared to indicate your intentions for the future, and as such should be used in the same way as you might use a road map. Consult the plan regularly to ensure that you are following the steps - they will usually have been the output of much thought and deliberation and will help you.

## **USING A PLAN**



To ensure maximum use of your plan it is very important to take regular stock of where you are. This usually involves preparing a report indicating current progress and reasons for non-achievement. Depending on the type of business, you will either review this yourself (sole trader, partner, small business) or present it at a more formal forum, eg: monthly management meetings. Typical contents of a report would be:

- Management summary
- Profit and Loss account; this month and YTD
- Balance sheet; this month and YTD
- Analysis of business area performance
- Expense analysis
- Sales commentary
- Revised year end forecasts
- Capital utilisation
- Actions for next period

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## **CONTINGENCY PLANNING**



Not everything goes according to plan; in fact, this is rarely, if ever, the case. You should therefore look at possible problems and develop a strategy for dealing with them.

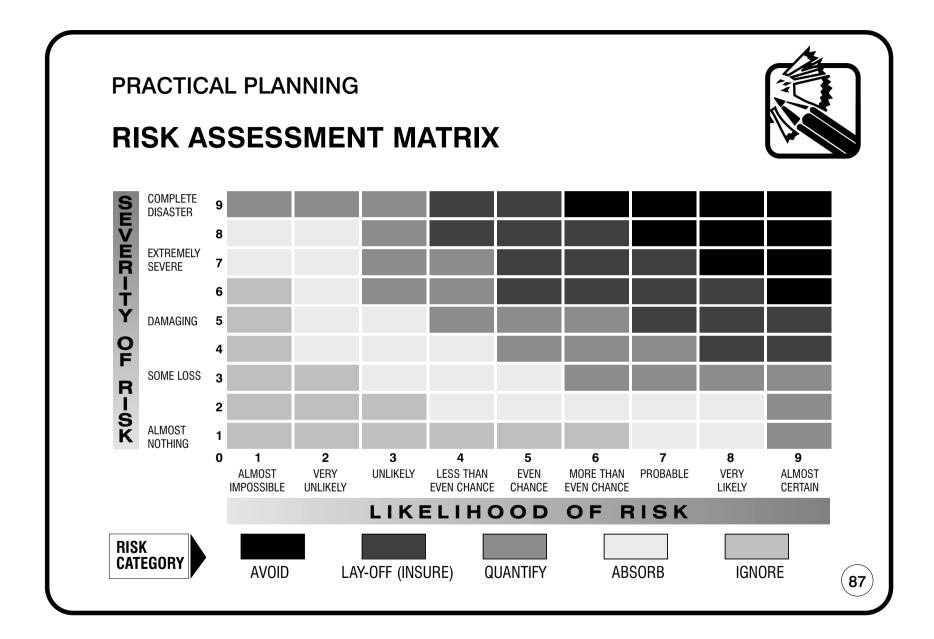
It is not the **expected problems** that cause difficulties; but rather the **unexpected problems**.

A good way of looking at these is to contrast the **probability** of an event with the **magnitude** of damage if it occurs. For example, an earthquake might be unlikely in, say, the UK but could devastate your business if it occurred. (In California, however, it will be much more probable.) An employee is likely to be sick occasionally but this should not seriously damage your business, unless that person has an indispensable role.

The combination of the two allows you to plan contingency action to cover the issues.

The chart on the next page shows one organisation's analysis and weighting of risks.

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## **CONTINGENCY PLANNING**



There are many events that can have adverse impacts on your business - they will depend upon the exact nature of your markets and the supply chain, environment, etc. Below is a list of some of these; however, it is neither exhaustive nor exclusive so you must think them through for yourself and ensure that your plan addresses them:

- Strikes your own staff or suppliers, distributors
- Price war in your market or suppliers, substitute goods
- Legislation change positive or negative
- Change of government
- Embargo goods in or out
- Plant failure
- Fire
- Inflation
- Currency fluctuations
- Technological obsolescence
- 'Shocks' eg: oil price rise in 70s

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## **ORGANISING TO PLAN**



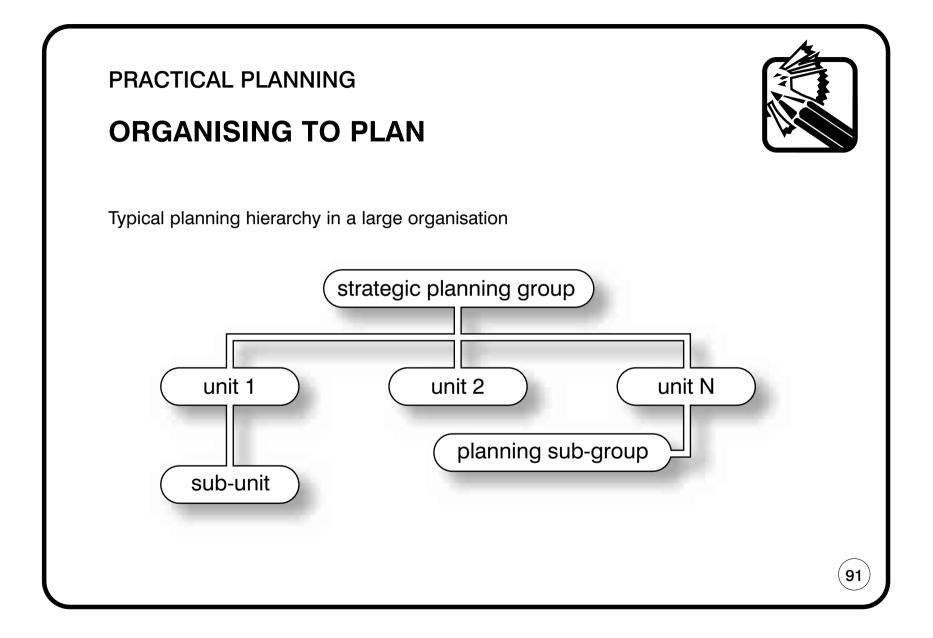
The way you organise for your planning will vary depending on the type and size of the organisation:

- Sole traders will often do it themselves; perhaps with the help of a financial adviser
- A unit manager will plan him/herself, perhaps involving key staff
- Very large organisations often have planning departments, not to mention cumbersome time-consuming processes
- Others are totally decentralised
- Some have small central bodies which carry out forecasting, macro-economic analysis and set group targets; which are then cascaded down the organisation to form planning frameworks

# PRACTICAL PLANNING ORGANISING TO PLAN



- Clearly you will have to work within your constraints but you should try to produce a plan using the minimum resources to carry out a cost-effective job
- Whilst successful organisations tend to spend more time planning than those that are unsuccessful, the law of diminishing returns sets in quite quickly
- The style of planning should fit in with your organisation and reflect the way it works



## **PLANNING CYCLE**



Every organisation will have a different planning cycle driven by the fiscal needs, the type of organisation and the type of planning in use. Usually, however, the planning cycle is the same each year. A typical cycle would be as follows:

- Central unit(s) carry out socio-political economic forecasts to review trends that will impact the business
- Based on these, guidelines will be set for the units
- The strategy will be reviewed for any changes as a result of shifts in the environment
- This will be communicated along with the guidelines, last year's plans and results as well as dates for submission of this year's plan
- Units prepare their plans and budgets and a process of review and iteration takes place
- The final plans are agreed and signed off in time for the next year

Typical timings are shown on the next page.

(92

## **PLANNING CYCLE**

#### Planning cycle timings - example

- Central units will carry out socio-political forecasts to review trends that will impact the business
- Based on these, guidelines will be set for units
- The strategy will be reviewed for any changes due to shifts in the assumptions/environment
- This will be communicated along with the guidelines, last year's plans and results as well as timings for submission of this year's plan
- Units prepare their plans and budgets and an iterative process of analysis and challenge followed by amendments, etc, takes place
- The final plans are agreed and signed off in time for next year



- Two months or so prior to the end of the current planning cycle
- One month or so prior to the end of the current planning year
- One month or so prior to the end of the current planning year
- One to two months into the new planning year
- Three to six months into the new planning year
- Six to ten months into the new year

## **PLANNING TOOLS & TECHNIQUES** TIMECHARTS



Almost all plans will contain a timechart of some sort. This links tasks with time and often shows dependencies. Usually, it will detail resources and critical elements.

There are several types of these ranging from the familiar bar charts through to more qualitative examples, although they are all designed to give the same output - a route map of the way forward. Two of the more usual are:

• Gantt charts

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• PERT analysis

Both of which are different ways of showing Critical Path Management (CPM).

## **PLANNING TOOLS & TECHNIQUES**

#### CRITICAL PATH MANAGEMENT

Critical Path Management (CPM), also known as Critical Path Analysis (CPA), was developed to help manage very complicated projects. The principles on which it is based, however, are very relevant to planning. These are:

- In all sets of actions (which is what a plan is) there are a number which are both critical and on which others are dependent, ie: without them either key parts of the plan do not happen or other parts cannot take place until they are finished
- By identifying these actions known as the critical path it is possible to chart the minimum time to complete
- Once they are identified, contingency action can be formulated to 'crash' parts of the plan where possible (eg: by throwing more resources at it) to speed up some parts
- Whole sets of actions can be further broken down and sub-sets of critical paths identified (eg: for planning purposes the strategy would contain IT, marketing, manpower plans, etc)

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### **PLANNING TOOLS & TECHNIQUES** GANTT CHARTS



A GANTT chart is a series of bar charts showing the relative timings of a set of tasks. It will usually show performance time and elapsed time and might well also include resources (man days) and costs. It can be in a very simple form, or very complex and the output of a computer programme.

It is often used for project management, but serves equally well to demonstrate how a plan will look, as all plans are sets of tasks to be carried out. The level of detail depends on the complexity of the plan.

Where the chart is produced from a computer, it can also be used to chart slippages, carry out 'what if?' analysis and measure progress.

(See diagram opposite)

(96

## **PLANNING TOOLS & TECHNIQUES**



#### GANTT CHART : EXAMPLE

						De	cem	ber				Janu	lary		F	ebrua	ary
ID	Task Name	Dur- ation	Start	30	)/11	07/12	14/12	21/12	2 28/-	12 04	4/01	11/01	18/0 <sup>-</sup>	1 25/01	01/02	08/02	2 15/02
1	commence planning cycle	60d	Sun 30/11/97														
2	collect economic data	20d	Mon 01/12/97	┍					Ь								_
3	obtain final sign-off to last year's budget	Od	Sun 30/11/97	þ	կ 3	0/11/	/97 08	3:00									
4	analyse	35d	Fri 21/01/98														<b>•••</b>
5	prepare assumptions for planning	25d	Tue 02/12/97								<b>↓</b>						
6	obtain sign-off	Od	Mon 05/01/98								$\mathbf{J}_1$	05/01	/98 -	17:00			
7	circulate to managers	5d	Tue 06/01/98														
8	develop budget guidelines	25d	Tue 02/12/97	1   '							-						_
9	send out to managers	5d	Mon 16/02/98														
10	develop corporate targets	35d	Mon 29/12/97	1					*								Ъ –

Milestone  $\bigcirc$ 

**97**)

PERT ANALYSIS

## **PLANNING TOOLS & TECHNIQUES**



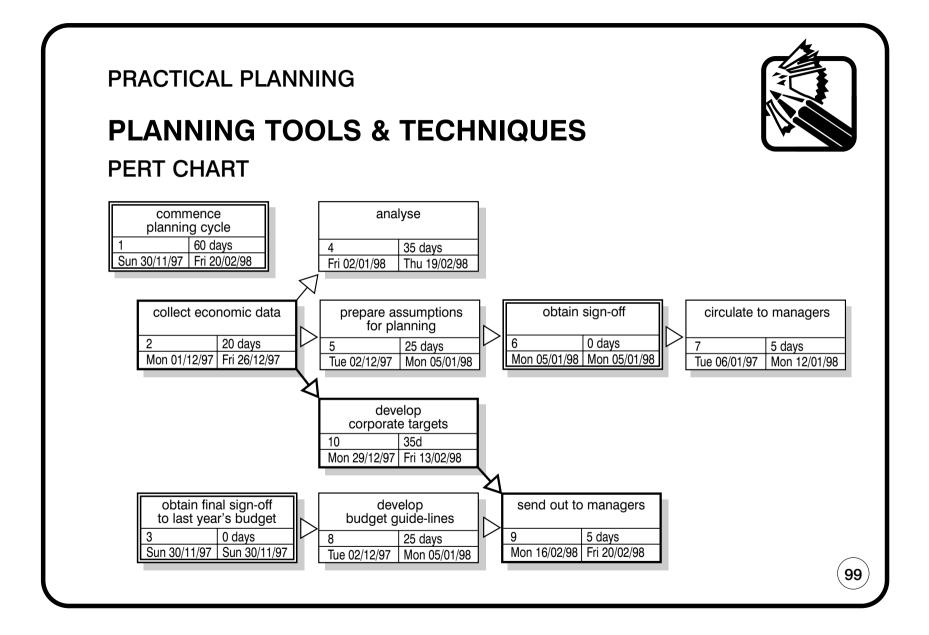
PERT (which stands for Project Evaluation Resource Techniques) is another form of planning which focuses on the tasks that must be carried out and the relationship between them.

It shows dependencies and measures the critical path, ie: those tasks which must be carried out to ensure that the end objectives are reached. It was developed for very complex projects such as building submarines, etc, but can be used to provide a visual representation of the relationships between a set of tasks in any plan. It gives information by task such as task number, time to complete, which tasks precede and which follow, as well as start and end dates.

It is particularly useful in that it identifies those tasks critical to success and enables you to model what happens if they change.

(See diagram opposite)

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TIPS



When planning, there are a few key points to bear in mind:

- Don't make the plan over-optimistic, especially with regard to sales; this is very common
- Set realistic and achievable targets
- Don't underestimate financing requirements, it is much harder to go back later on and ask for more it undermines credibility in your planning; you couldn't get that right, why should you be right about anything else?
- Think through your plan at a high level before committing to paper; the objectives, key tasks, timings, resources, etc
- Write the summary last it should be just that
- Make sure that your numbers add up and cross-cast; errors there undermine credibility
- Don't be afraid to change the plan if circumstances change radically, but also try to plan for changes

(100)

## TIPS



- **Start early** time disappears faster than you think
- **Involve the right people** they will not buy-in if they have not been consulted
- **Discuss** it with affected parties prior to finalisation
- Be concise remember KISS
- Make sure that it supports the overall plan
- Only **analyse** what is relevant (Pareto's Law)
- Where data is unavailable, either **commission research** (expensive) or **make supportable assumptions**
- **State** any assumptions in the introduction
- Put details in appendices
- Write with the ultimate reader in mind; will he/she understand it
- Be realistic
- Get help where you need it



#### **BUSINESS PLANNING**

## SUMMARY

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A plan is a statement of what you intend to achieve, how, when and with what resources:

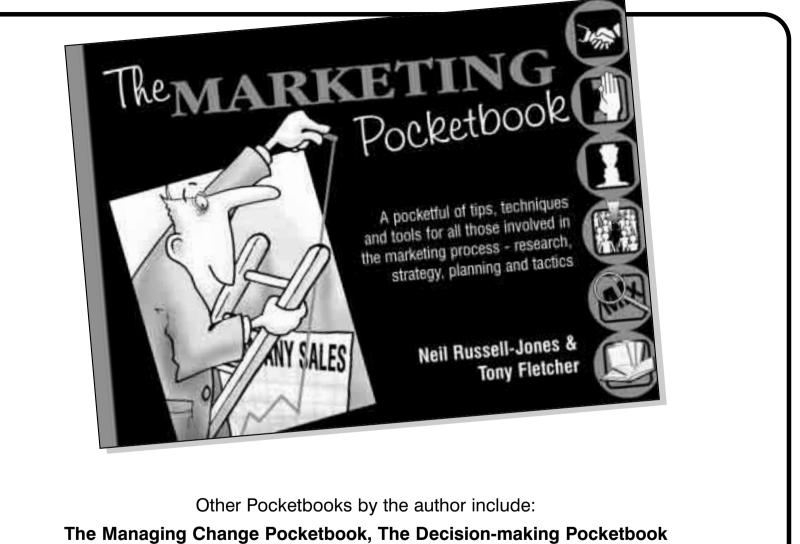
- It will contain targets against which to measure success
- It is a communication tool to interested parties
- It should focus on the key issues, with supporting detail as appropriate
- It should demonstrate forethought and contingency consideration
- It must be realistic, pragmatic and flexible
- It should support the strategy

#### About the Author

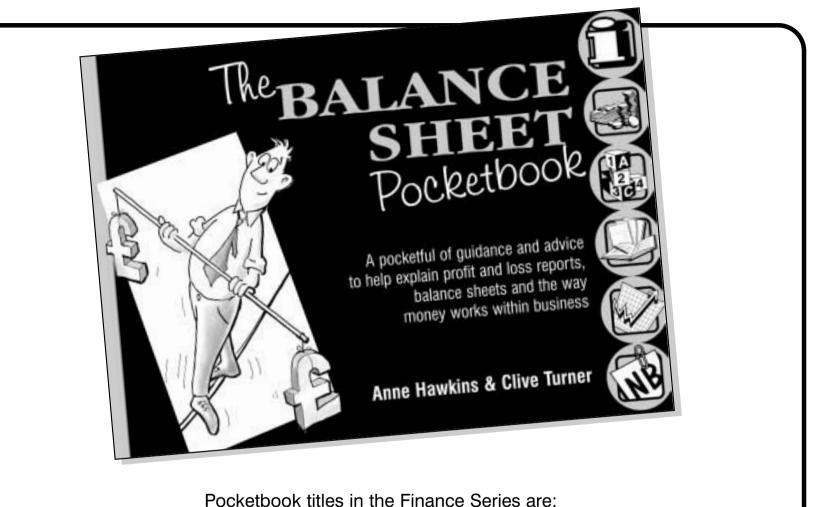
**Neil Russell-Jones** MBA is a management consultant. He is a chartered banker and a member of the Strategic Planning Society. He has worked internationally with many organisations, particularly in the areas of strategy, BPR, change management and shareholder value. He is a guest lecturer on the City University Business School's Evening MBA Programme and has lectured and spoken in many countries. He is also an advisor for The Prince's Trust. The numerous articles and books written by him include three other pocketbooks (on decision-making, marketing and managing change), 'Financial Services – 1992' (Eurostudy) and 'Marketing for Success' and 'Value Pricing', both published by Kogan Page and written in conjunction with Dr Tony Fletcher.

**Contact**: you can reach Neil on this e-mail: neiljones@neilsweb.fsnet.co.uk





and The Marketing Pocketbook (illustrated).



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