

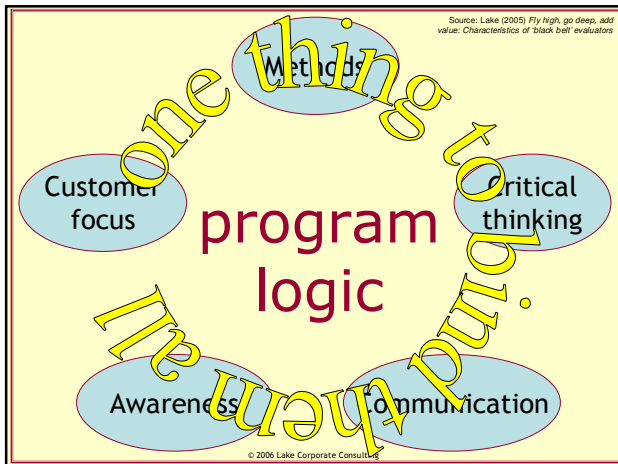
Theory-driven evaluation:

Program theory and program logic explained and improved

AES Lunchtime Seminar by
Robert Lake
16 March 2006



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program theory
program logic
logic modelling

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definitions

- sequence of events for bringing about change
- mechanism of change
 - link processes with outcomes
- structure of change process
- theory of action
 - what causes current state
 - how an intervention would change current state

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words or pictures?

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words: Logframe matrix

Project Description	Performance indicators	Means of verification	Assumptions
GOAL broader effect, impact	measures of effect		
PURPOSE outcomes from combined components	endstate descriptions	Sources of information and	about the Purpose-Goal link
COMPONENT OBJECTIVES outputs from each component	quantity/ quality/ timing	methods used to collect and report it	about the Component objective-Purpose link
OUTPUTS direct results	quantity/ quality/ timing		about the Output-Component objective link
ACTIVITIES tasks in project	activity indicators		about the Activity-Output link
INPUTS resources, information, links from other projects			about the Input-Activity link

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Source: AusAid (2005) AusGuideLine

another way with words

Label	CAUSES		EFFECTS		
	Inputs	Actions	Outputs	Outcomes	Aim
Description	Things that are contributed	Things that are done	Things that are immediately seen as a result of inputs and actions	Things that result from the outputs, usually second-order effects	Why we did it in the first place
progress looks like?					
action/ success looks like?					
inaction/ failure looks like?					

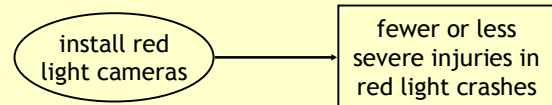
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another way with words

Label	CAUSES		EFFECTS		
	Inputs	Actions	Outputs	Outcomes	Aim
Description & indicators	i	a	1	A	
	ii	b			
	iii	c			
	iv	d	2	B	
	v...	e			

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paint me a picture: path diagram



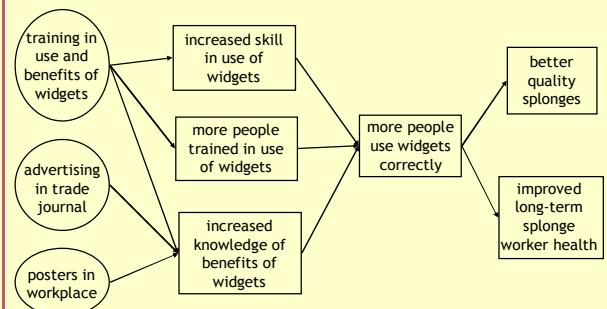
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Logframe Matrix

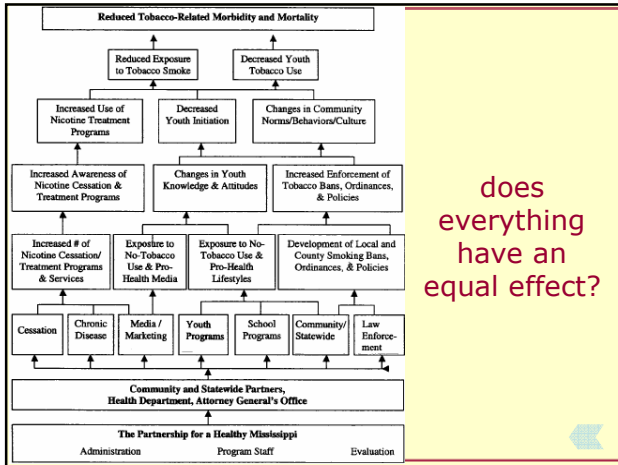
Project Description	Performance indicators	Means of verification	Assumptions
GOAL better quality sponges; improved long-term sponge worker health	•% defective sponges •% of workers making claims	•SQ: sponge quality index •HR records	
PURPOSE more people use widgets correctly	•% using widgets correctly	•sampling of worker practice	•correct use will lead to better sponges •correct use will improve worker health
OUTPUTS increased skill in use of widgets; more people trained in use of widgets; increased knowledge of benefits of widgets	•competency rating in widget use •no. of people attending training •% aware of widget benefit		•increased skill will lead to increased correct use
ACTIVITIES posters in workplace; advertising in trade journal; training in use and benefits of widgets	•no. of posters •ad placements •no. of training courses run •no. of participants in training course	•spot checks of notice boards •HR records of training courses	•posters & ads will raise awareness and increase knowledge; •training will increase skills & knowledge

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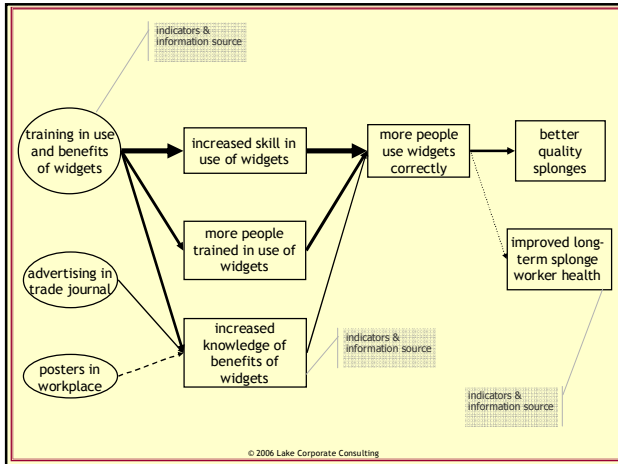
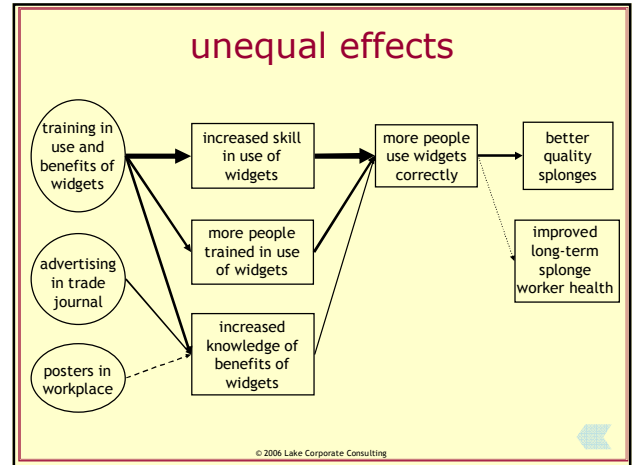
path diagram



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does everything have an equal effect?



- ## uses
- by participants for discovery
 - by managers for learning
 - by evaluator to generate hypotheses
 - reveals assumptions
 - teach critical thinking
 - relate small picture to big picture
 - improves program and focuses direction

- ## review
- program theory - program logic - logic modelling
 - words
 - *Logframe Matrix & variants*
 - pictures
 - *path diagrams*
 - uses

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