

Career Planning Seminar Version for distribution

What I did while not being on holiday: what went to plan, and what didn't



Outline

Frameworks I've found useful for career planning Helpful heuristics
What didn't go according to plan
Lessons I learned along the way
Summary, Q&A

Frameworks I've found useful for career planning:

Pro's – Con's

Strengths – Weaknesses

Opportunities – Risks

Planning horizons:

- Short term: ~today; ~week; ~month
- Medium term: this coming year
- Longer term: next five years+

Your LIFE is much, MUCH, more than your career

From Engineering New Zealand: Top 10 tips

1. Be you

Figure out what works for you – and don't try to be someone you're not

2. Focus on first principles

Use critical thinking to find the simplest solution

3. Keep learning

The best engineers never stop learning

4. Stay focused on your goals

Make sure you know what they are and where you want to end up

5. Questions are good

Never be afraid to ask

6. Take every chance to gain new experiences and demonstrate leadership

7. Leadership opportunities are everywhere:

Sports teams, work projects, community groups

8. Be passionate

Do what makes your heart sing

9. Have fun!

Find a balance between working and spending time with friends

10. Stay generalist if you can

Doing a great job and taking every opportunity that comes your way will give you more options than taking a very specialised route

Online career planning (from my employer):

Tools from Careers NZ: https://www.careers.govt.nz/tools/

Career Drivers Assessment:

http://www.crowe-associates.co.uk/wp-content/uploads/2013/11/Career-Drivers-Assessment.pdf

For entrepreneurs / starting up your own business

If you decide to start up your own business seek advice about tax obligations Investigate thoroughly what's involved in running a small business, for example:

- Business.govt.nz
- Small Business Administration
- Business Owner's toolkit
- The Business Owners' Idea Café
- <u>Home Businesses</u>

Helpful heuristics

If you come to a fork in the road, take it \$ are important But also, \$ are **NOT** important Second order (and +) terms dominate, e.g. FUN Listen to your quiet inner voice Mens sana in corpore sano: look after yourself Stress: distress, eustress Invest in your own CPD Cultivate 'real options' perspectives Think of your career as a portfolio of projects Always have at least one alternative plan Always prepare an exit plan



LIST AND INDEX

OF

PERMANENT OFFICERS

IN THE

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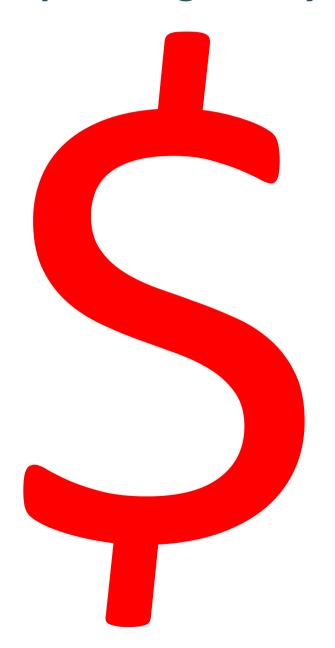
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37	SIMPSON GB	ASST ENGR	POHQ	6/57	1/76	BE
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- UAT for 9,000 hours of software development
- Circuit switched PSTN dimensioning:
 - λ, μ, Poisson, Erlangs
- IDN, ISDN, X25, part time teaching
- \$ for WAS

But my quiet inner voice said:

- Start to understand the world of \$
- Get some 'mud on your boots'
- When offered, decide to go all the way south

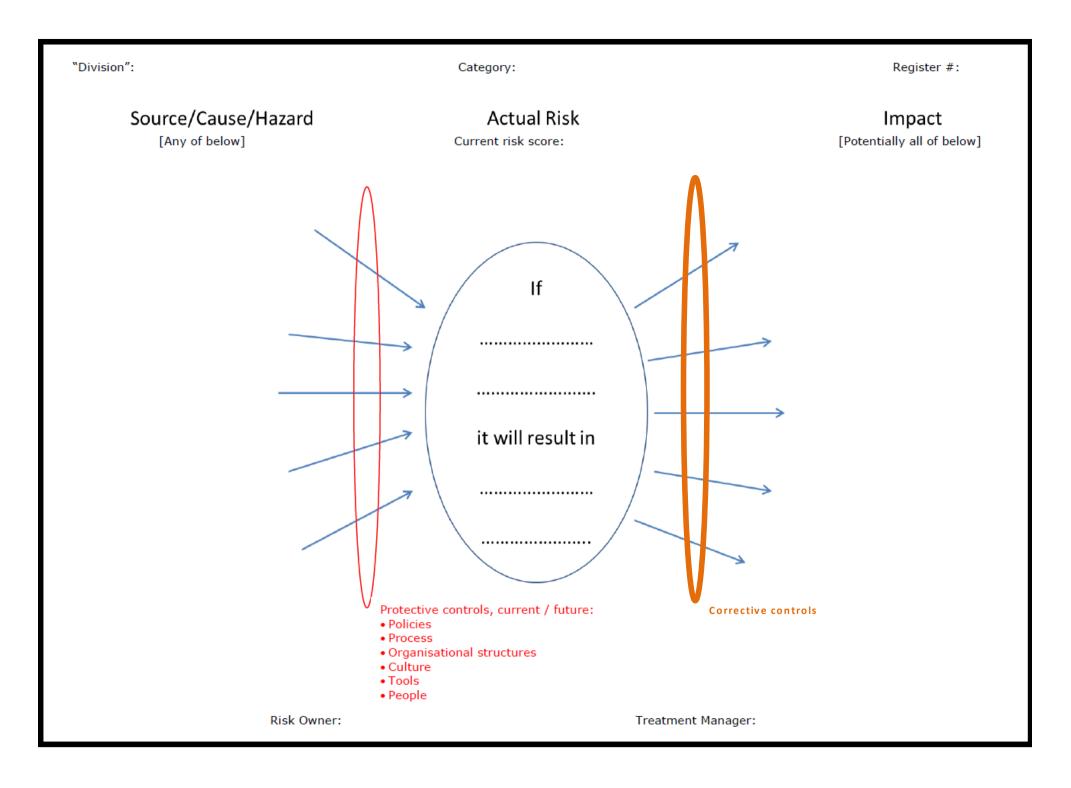
Unexpectedly, the best decision I ever made . . .



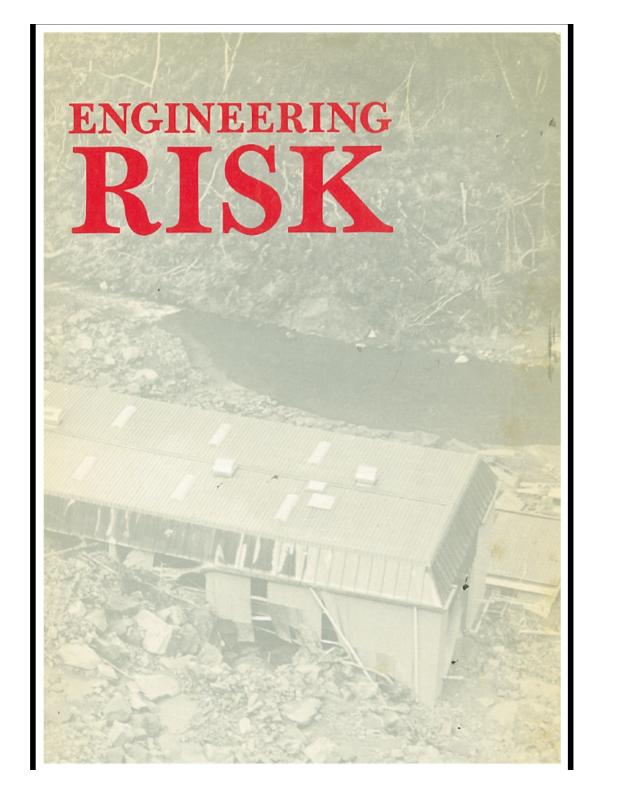
Telecommunications fibre network deployment in Southland

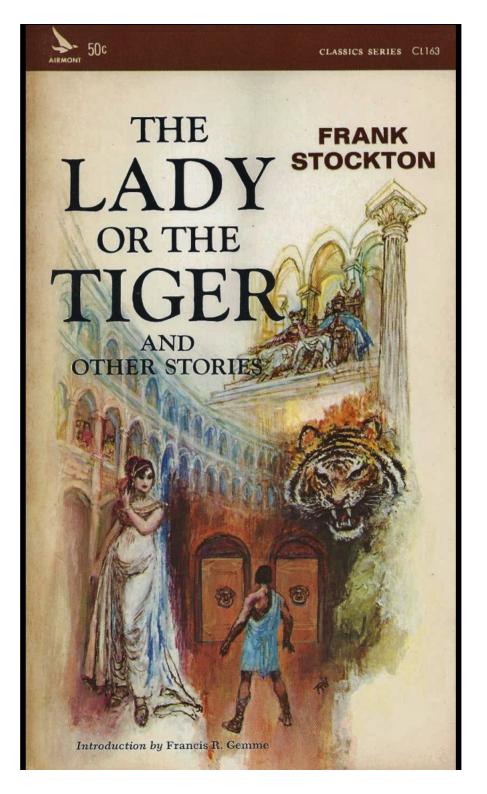
Almost all risks can be re-phrased to then describe opportunities: both are deviations from expectation Risks

Opportunities

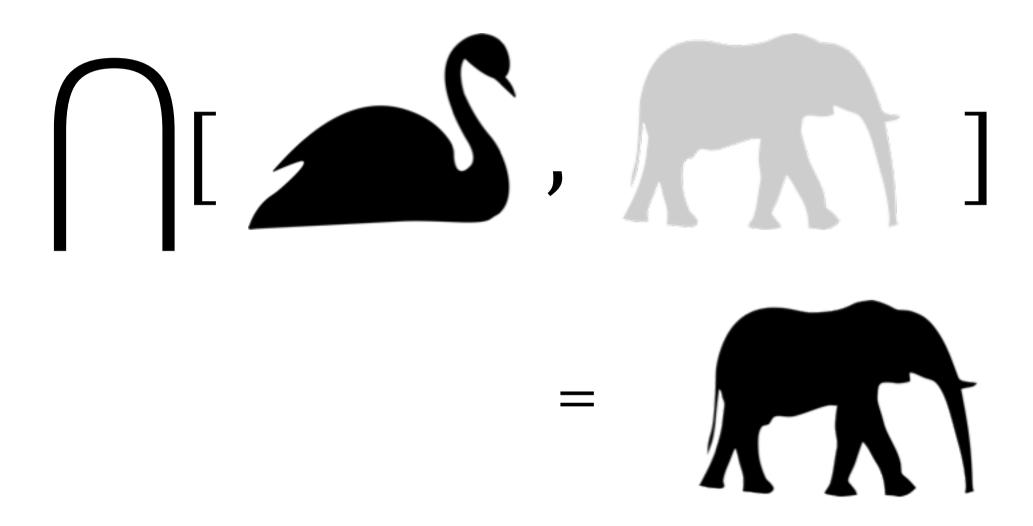


Li	Likelihood-Consequence Matrix										
ПКЕГНООВ	Almost Certain • Expected to occur in most circumstances • Occurs every 6 months or more frequently • >90% chance of event occurring	Medium 11	High 16	High 20	Extreme 23	Extreme 25					
	Likely • Will probably occur in most circumstances • Occurs every 6-12 months • 75%-90% chance of event occurring	Medium 7	Medium 12	High 17	High 21	Extreme 24					
	Possible • Could occur at some stage • Occurs every 12-24 months • 50%-75% chance of event occurring	Low 4	Medium 8	Medium 13	High 18	Extreme 22					
	Unlikely • Will occur in exceptional circumstances • Occurs every 24-48 months • 10%-50% chance of event occurring	Low 2	Low 5	Medium 9	High 14	High 19					
	Rare • May occur in exceptional circumstances • Occurs every 4 or more years • <10% chance of event occurring	Low 1	Low 3	Medium 6	Medium 10	High 15					
CONSEQUENCE Reputation		Negligible	Minor	Moderate	Major	Severe					
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Pe	pie					-					
Legal						-					
Operational Delivery											
Pro	ogramme/Project										





In hindsight, life is full of 'predictable surprises':



The unexpected happened: in 1984, again in 1987



In the meantime, instead of completing a BCom:

Photo of University of Otago MBA11

Unexpectedly, the MBA delivered the opposite of my plan:

Claymation video of Plato's cave allegory

Gareth Morgan **IMAGES OF** ORGANIZATION

What's in your toolbox?

- Decomposition
- Abstraction
- Quantification
- Visualisation
- Peer review

'Reductionist'

Note:

- Useful for 'tractable' problems
- Challenged by 'wicked' problems

A helpful way of looking at career opportunities

Real options exist because of three factors:

- Uncertainty about the future (risk)
- The time irreversibility of decision outcomes
- The ability to act on new information Recognise:
 - The inevitability of change,
 - Options for flexibility, and
 - Opportunities to exercise judgement

Examples of real options:

- Option to delay
 - Wait for new information and learn before committing,
 - Or accelerate decision in light of recent information
- Option to expand beyond initial position
 - Expansion contingent on initial investment
- Option to abandon or switch
 - Once additional experience and learning is gained

Indonesia:

Photo of collaborative planning

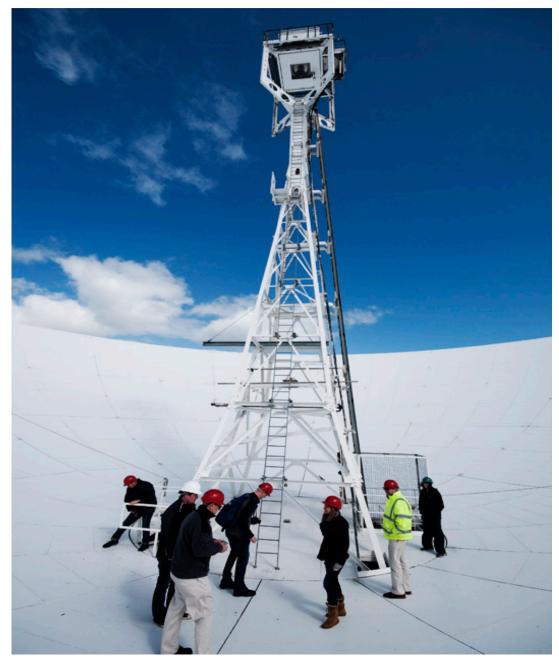
Ulaanbaatar, Outer Mongolia:

Photo of the team in Ulaanbaatar

Yes, it's a long way down



Up on the new surface



In the New Mexico desert



In the Western Australian desert







Lessons I've learned

Expect the unexpected View your CPD as an investment, not an expense Say ~2% of income? Rol is qualitative as well as quantitative Explore outside your 'cave' Many real-world problems are 'wicked' Power = control over resources and destiny Management ≠ Leadership ≠ Diplomacy Try to be nice to everyone: You never know who your next boss might be

Summary

Frameworks I've found useful for career planning Helpful heuristics
What didn't go according to plan
Lessons I learned along the way

