

Robert Bolton



JNA Lucent, NSW

dine!

Argyle Diamonds, WA



luka Resources, WA



Worsley Alumina, WA



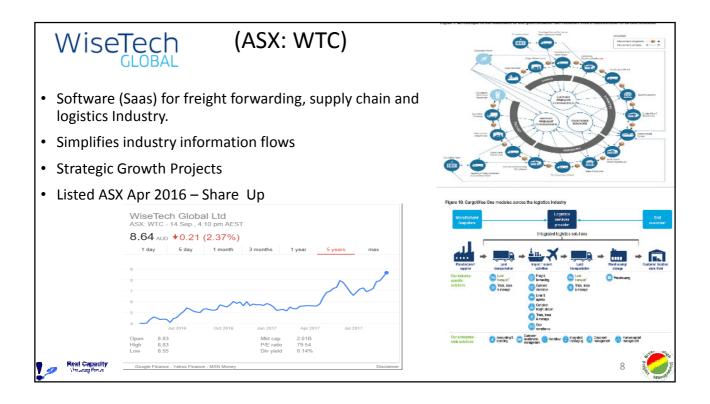
Chevron FMC, Subsea, China

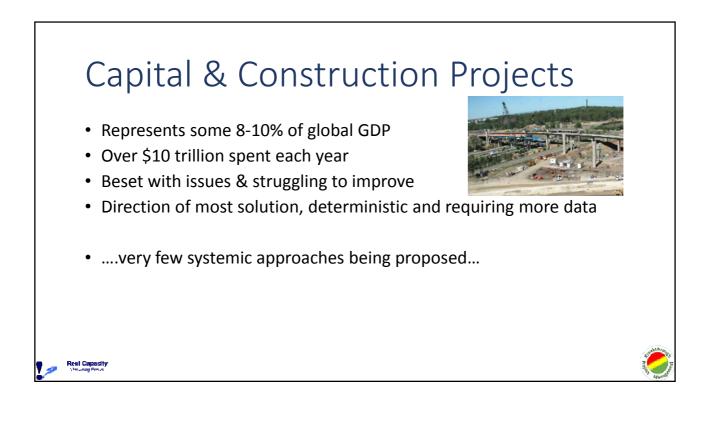


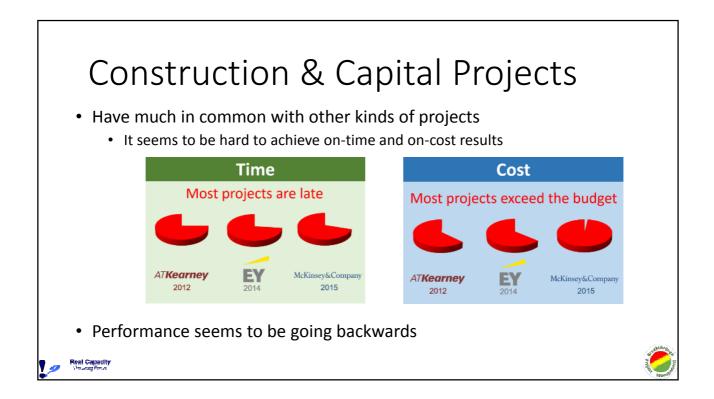
Real Capacity Meansplane

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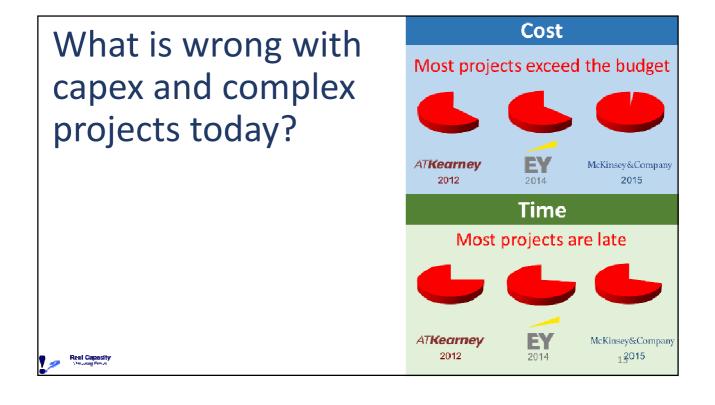












Multiple Entities and Stakeholders								
 Customer Projects are late Projects are over budget Projects don't deliver what was expected 	 Project Manager Don't get required skills Don't get required number of people Don't get access to expertise Not enough time or money Scope changes but timelines and budget remain 	 Resource Yanked from one project to another Others don't seem to care about quality work No time for training or personal growth 						
 Can't plan schedule Multiple requests to help Everyone asks for same resource by name No budget for extra resources or training 	 Suppliers / Subcontractors Specs keep changing Frequent start and stops Approval takes time 	Portfolio/Program Mgr./ Financier's Loss on project Customers not happy						

What is wrong with capex / complex projects today?

Commercials take so much time

Disputes and claims Fixed prices for uncertain scopes Tension between supply members Poor plans & no-one follows the plans

Murphy

No, or little, team spirit

Everyone for themselves

Issues become BIG before they are noticed

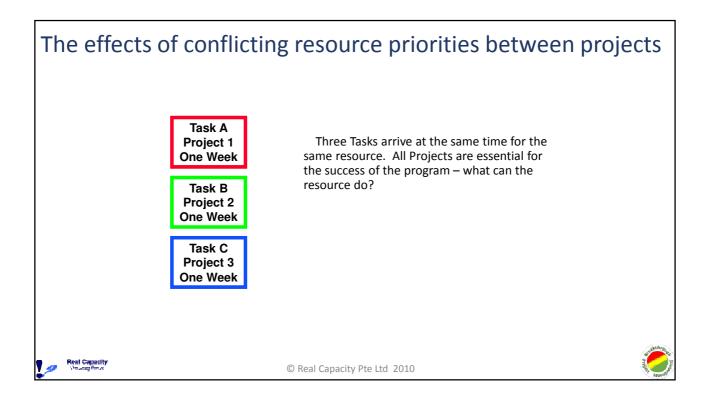
Shortage of skilled resources

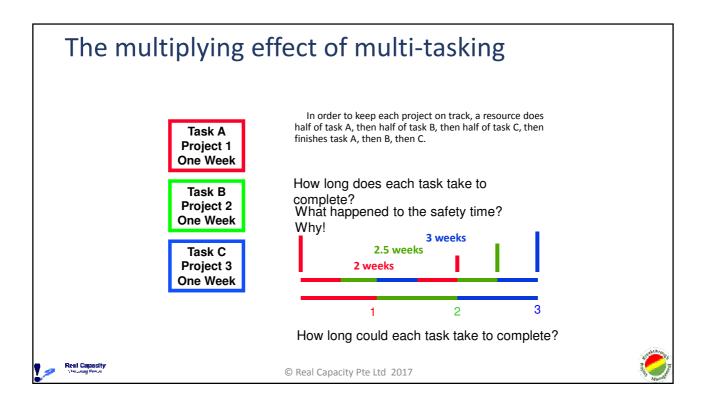
Are the Challenges any different?

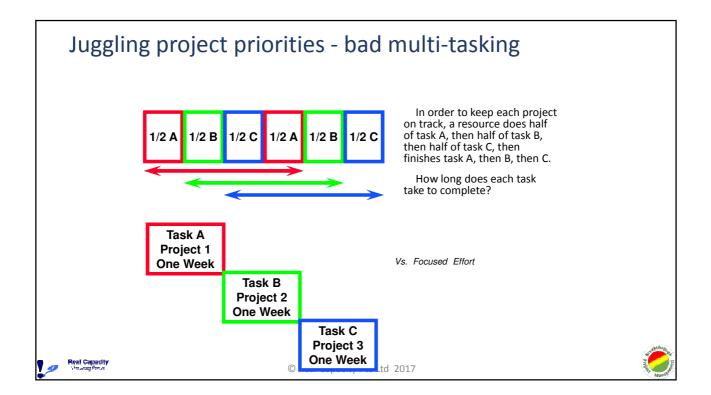
Challenge	Engineering / Design	IT	Construction	Defence	
Schedules are tight	\checkmark	\checkmark	\checkmark	✓	
Scope changes	\checkmark	\checkmark	\checkmark	\checkmark	
Do not get the required skills	\checkmark	\checkmark	\checkmark	✓	
Budget cuts	\checkmark	\checkmark	\checkmark	✓	
Changes with no additional \$ or budget	V	\checkmark	V	V	
People come to project too late. Or are exited too early.	✓	√	1	16	

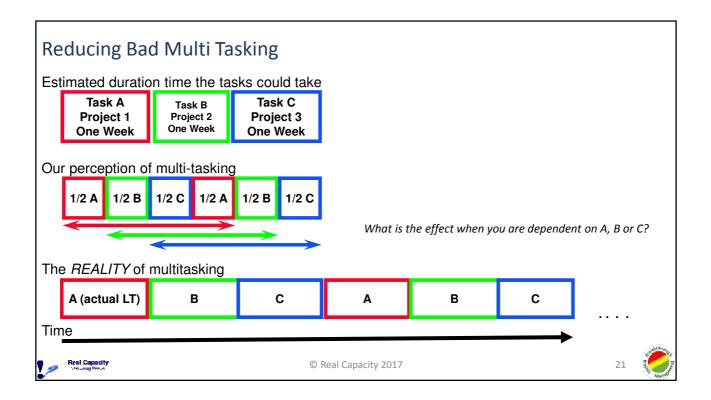
Real Capacity





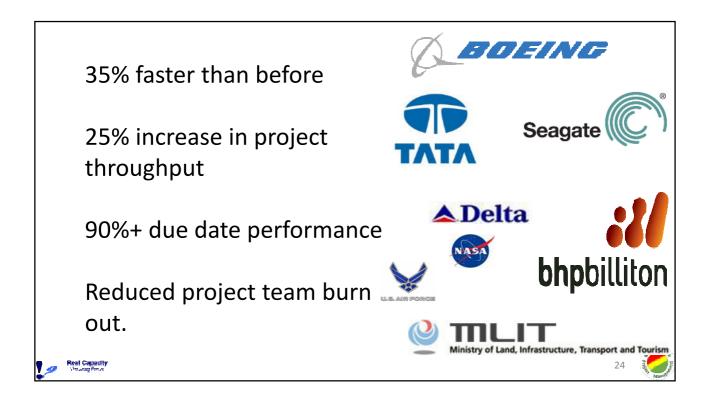


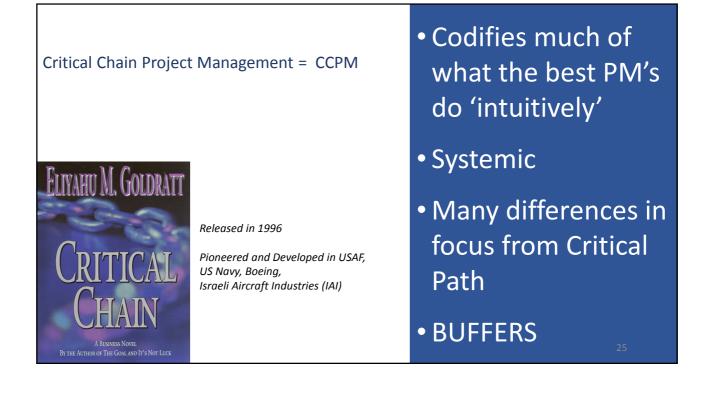


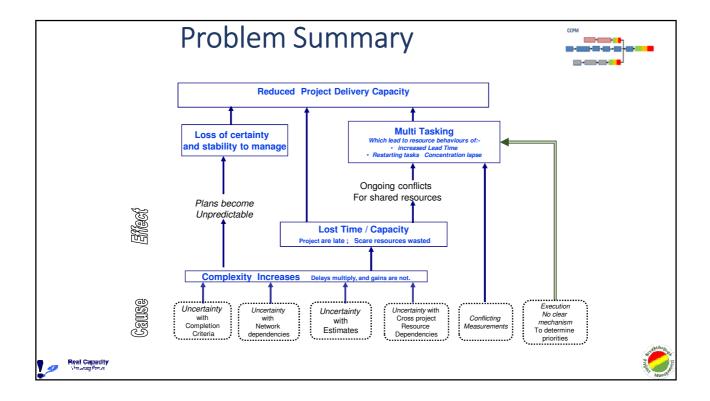


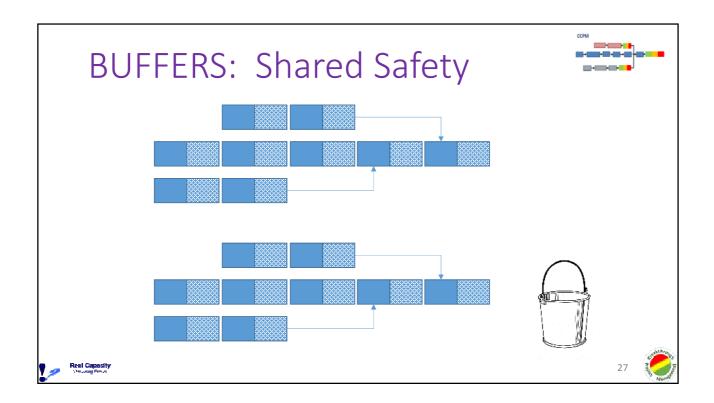


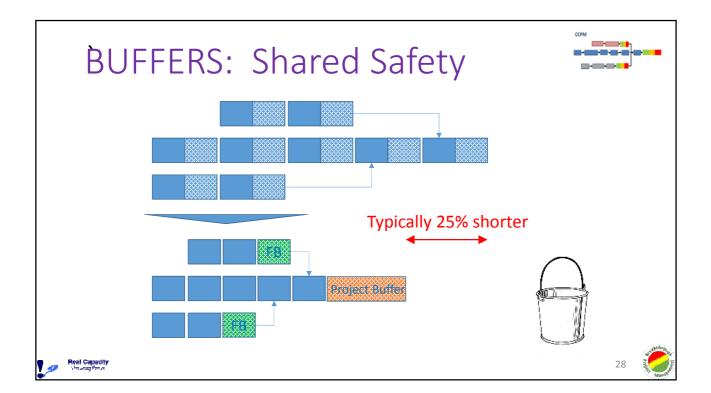


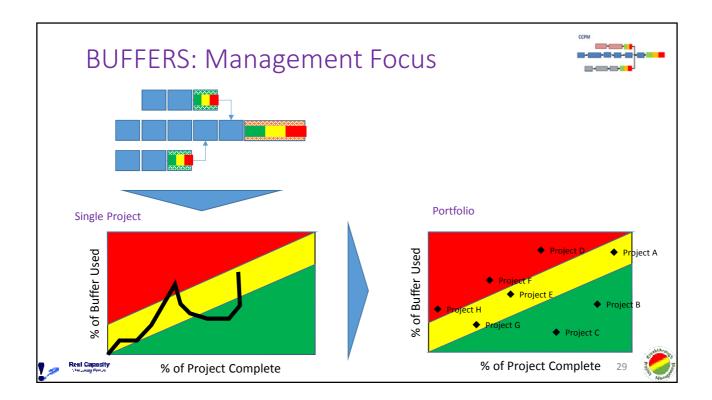


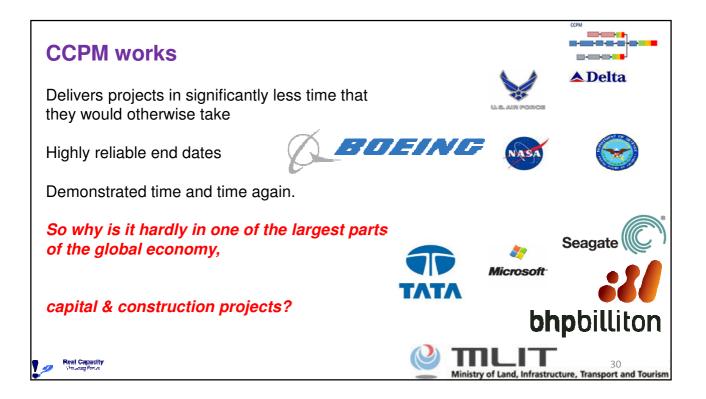




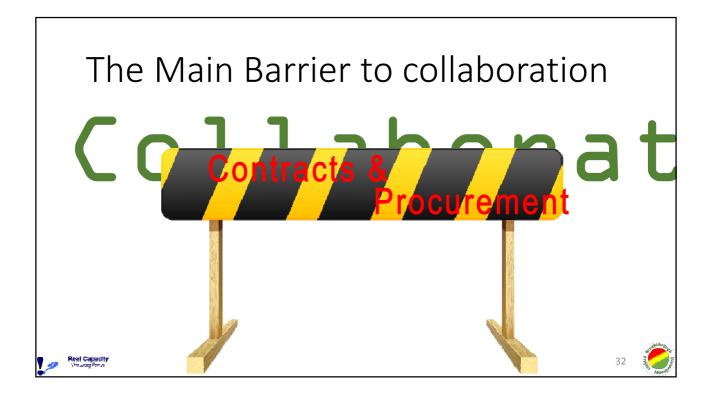




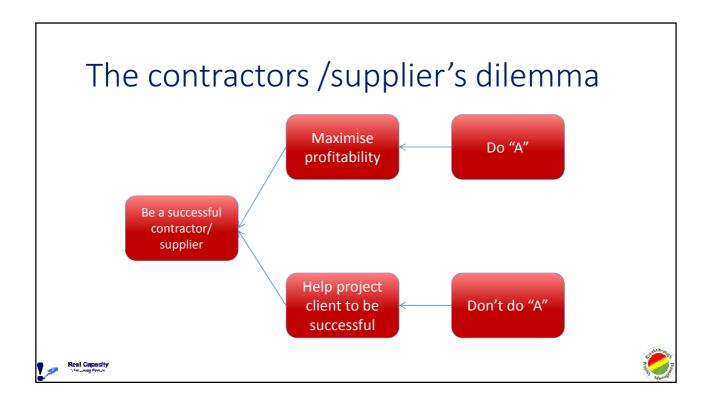


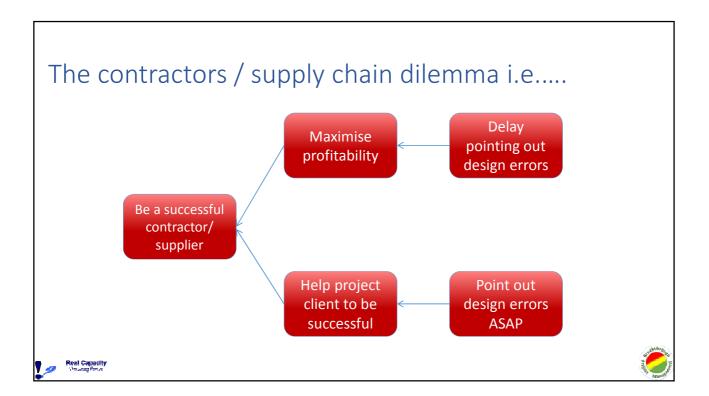


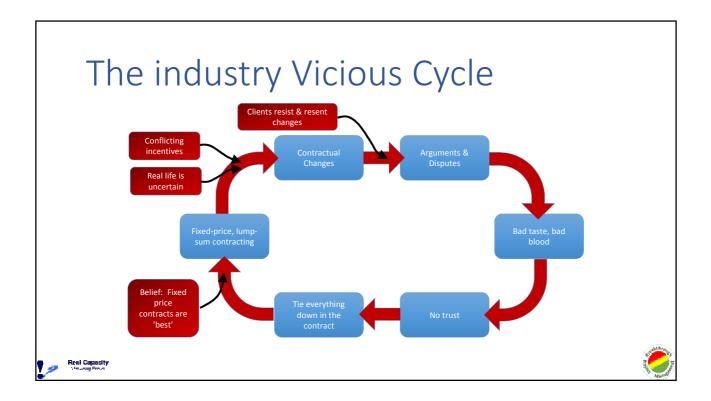


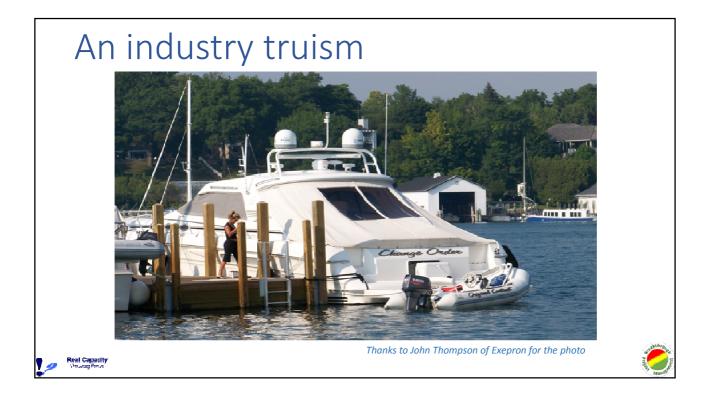


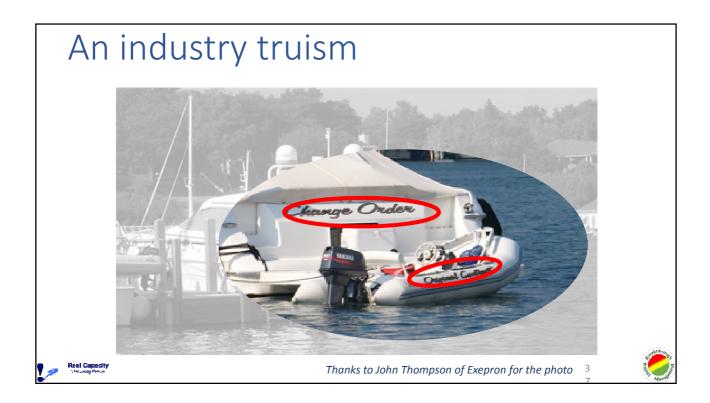
http://www.pgcs.org.au/

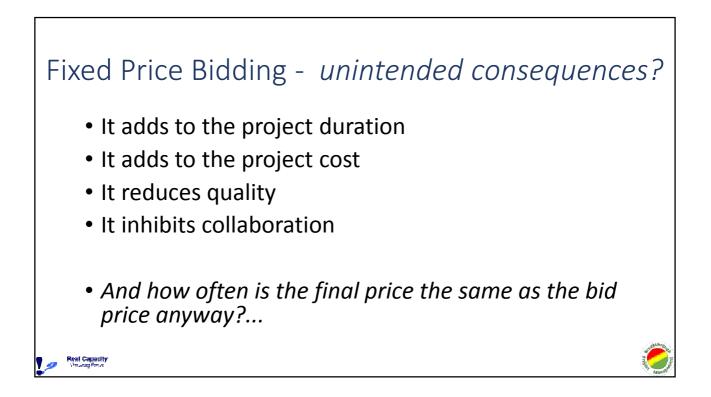


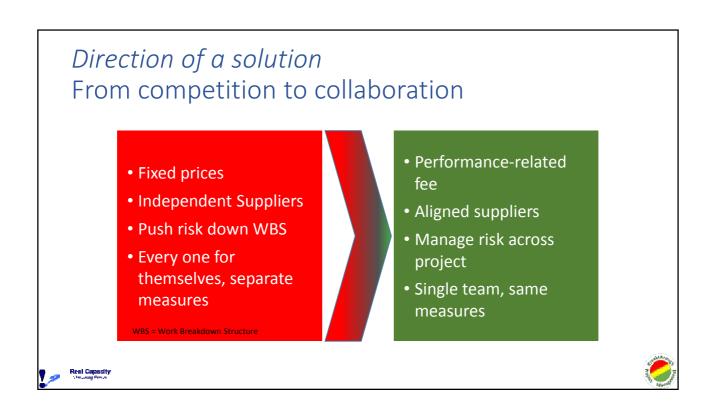


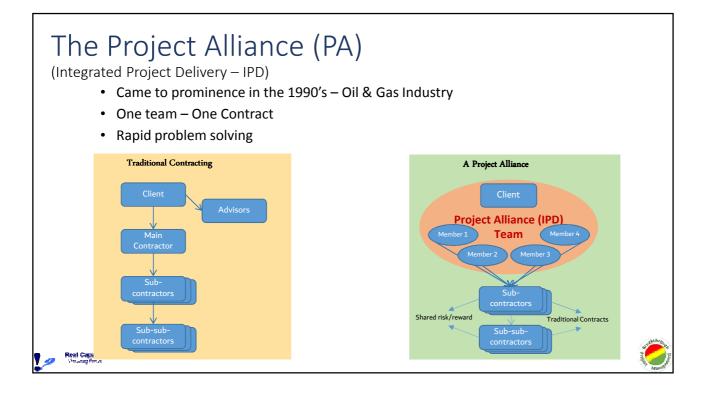
















Characteristics of Project Alliances

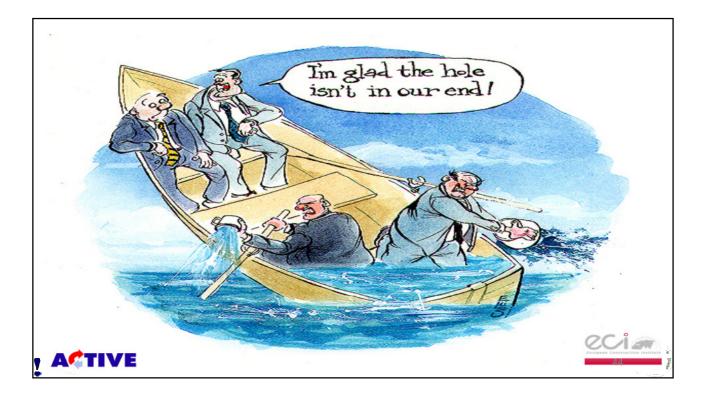
- Victoria Treasury guidelines considered worlds best practice. An integrated team, competence-based selection

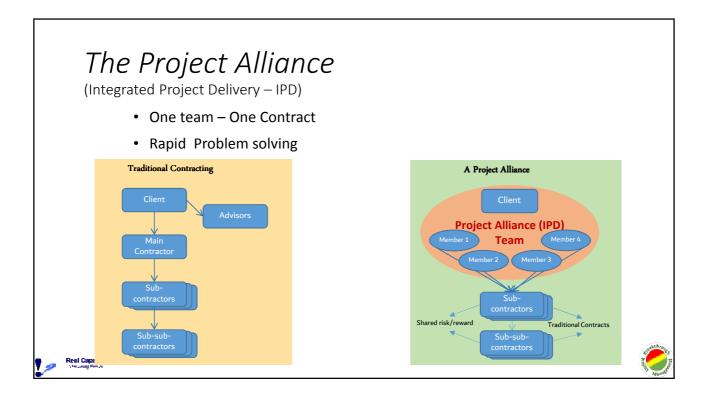
Collective sharing of risks and opportunities

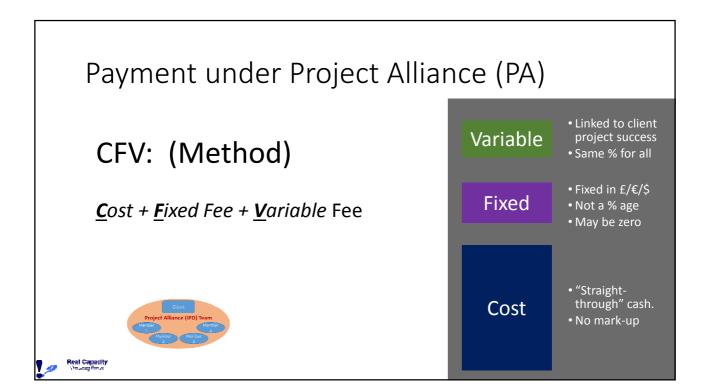
"Fault" and "blame" irrelevant in the contract

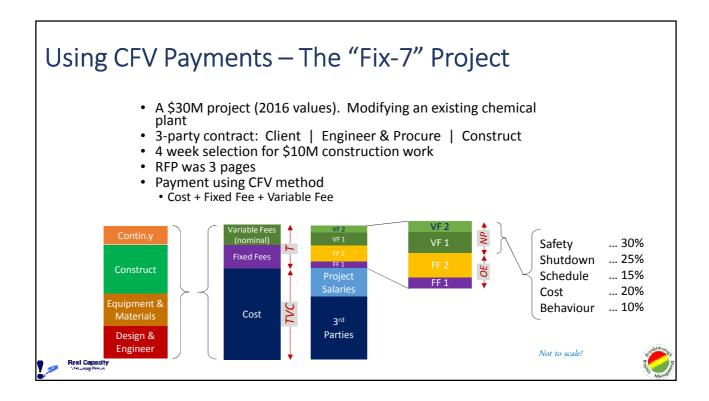
Fully reimbursed variable costs, and margin aligned to the overall project success

Unanimous, principle-based, decision making 43









Performance Fee Breakdown									
• Variable	Fee – "P	rofit at Risk	<pre>x" = £300,000 tot</pre>	al					
• Co.1:	£2	.00,000	67%						
• Co.2:	£1	00,000	33%						
			Nominal values	Actual Payments					
	Safety	30%	£90,000	£180,000					
	Shutdown	25%	£75,000	£22,850					
	Schedule	15%	£45,000	£45,000					
	Cost	20%	£60,000	£168,135					
	Behaviour	10%	£30,000	£60,000					
			£300,000	£475,985	159%				
 Real Capacity									

