How GHD revolutionised productivity reporting

James Gallagher



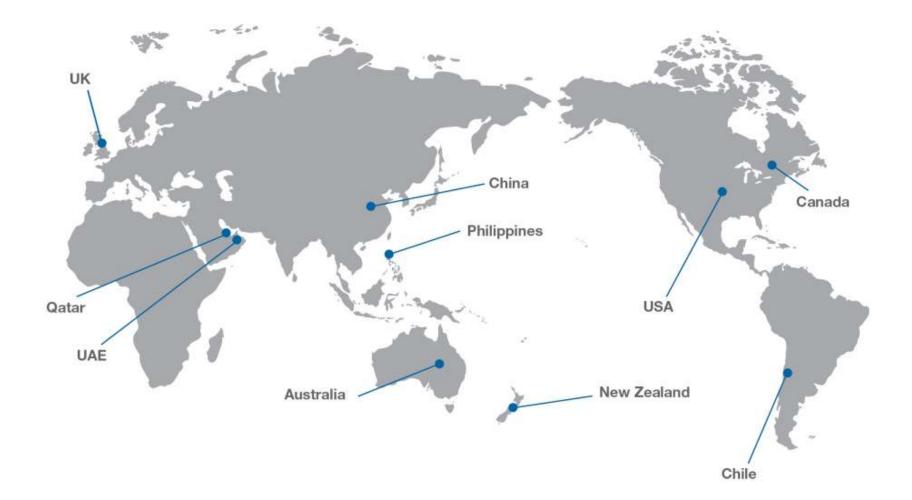


At a glance





Where are we?





About James Gallagher

- □ Joined GHD in1997
- □ From April 2009 Finance Manager Victoria
- □ From July 2012 Finance Manager Victoria and Sydney
- From July 2013 became part of a team to roll out a BI solution within GHD Group
- Experience of local business reporting requirements and a drive for simplification and improvement
- Basic user of TM1 and Cognos and have increased my understanding over the last 9 months through various projects.





Business Challenge



Business Challenge

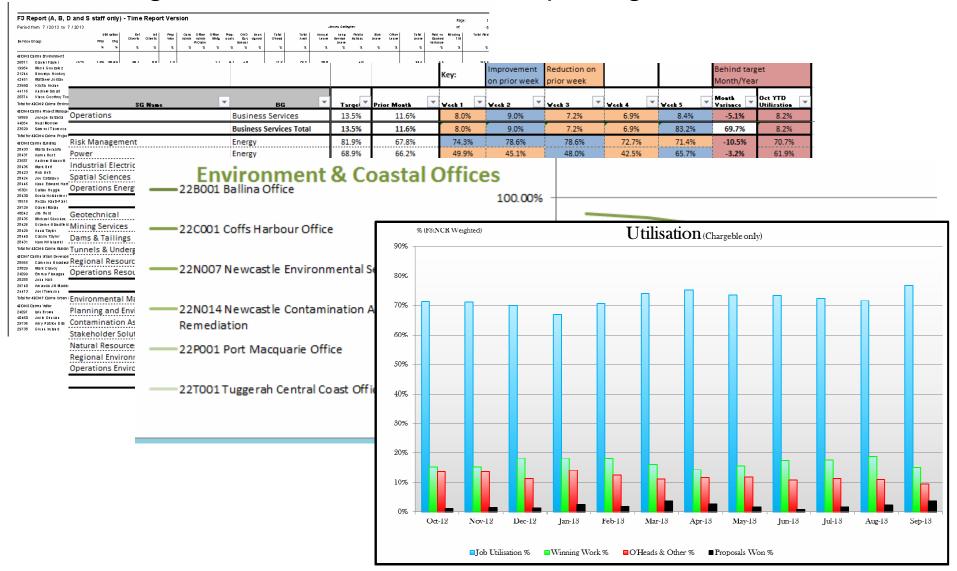
- Current utilisation reporting was introduced in 2001
- □ Business has grown from 1000 + people to 5500+
- □ Structures has changed
- □ Regions have been added
- Local reporting has been developed in each office due to no changes in standard reporting to a adapt with business change
- □ Each office looks at utilisation in local way rather than one uniformed way
- □ Reports are done at different times
- □ Reports have different features and information
- □ Business wanting more information than currently provided

Existing Report – Created in 2001

F3 Report (A, B, D and S staff only) - Time Report Version																								
Period from 7/2013 to 7/2013 January Contraction Contractions Contractions																	of							
			U	till cation	Eri	Int	Prop			Office	Prop-	OHD	Unac	To tal	To tal	Annual	Long	Pu bil o	Blok	Other	To tel	Paid vo	Mi cein g	To tal A
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			*	*	x	*	×	x	x	x	×	x	*	×	×	x	*	x	x	×	x	x	*	
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26871	Danki Fauk r	(87)	1.8%	25.6%	65.1	0.0	1.3			1.1	6.1	↓. □		11.Z	76.3	20.0		÷.0			24.0	0.0		10
19964	Mest Gotzalez	(87)	0.0%	I	46.7	0.0	0.0		0.5	1.3	10.9			12.8	59.5	Z+ D		8.0	8.5		40.5	***		10
21244	Broswys Hookey	(87)	0.0%	I	55 S	0.0	0.0			0.5				0.5	56.0	36.0		8.0			44.0			1
42451	Matthew Jordan	(87)	0.0%	0.0%	0.0	0.0	0.0		¢.0					4. D	4.0	83		8.0			96.3	0.0		1
23990	Kristin Keane	(87)	0.0%	76.1%	55 Z	0.0	0.0		Z.9	Z.0	12.9			17.9	73.1	16 D		8.0	3.5		27.5	0.0		1
44116	Andrew Small	(87)	0.0%	98.3%	31.5	0.0	0.0			0.5				0.5	32.0	6+ D		÷.0			68.0			10
26874	Visce Geoffrey Tool	eγ (RD	0.0%	0.0%	0.0	0.0	0.0							0.0	0.0	92 D		8.0			100.0			10
Total for 42C002 Calmi Environment 0.3% 84.		84.1%	34 Z	0.0	0.1		1.3	0.8	4.1	0.4		6.6	40.8	50.9		6.8	1.6		59.3	0.0		10		
	Calmii Project Managem																							
19869	Joseph Estrada	(870)	0.0%	95.2%	61.1	0.0	0.0			1.1	1.6			2.7	63.7	Z3 Z		8.0	5.1		36.3			10
44054	Neal Morrow	(870)	0.0%	95 D %	15.2	0.0	0.0			1.1	0.8			0.8	63.r 16.0	76.0		8.0	2.1		36.3 84.0			1
23529	Sam (el Thomson	(875)	0.0%	I	61.9	0.0	0.0			0.3	9.9			10.1	72.0	16.0		8.0	+ .0		28.0			1
	42C004 Calmi Projecti		0.0%		39.7	0.0	0.0			0.4	3.Z			3.6	43.3	+63		8.0	Z.+		56.7			1
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28433	Marta Bernarte	(P/T)		100.0%	58.9	0.0	0.0							0.0	58.9	32.0		8.0	1.1		41.1			1
28437	Aaron Best	(87)	0.0%	I	49 J	0.0	0.0		€.4		1.3	0.5		6.1	55.5	36 <i>5</i>		8.0			44.5			1
3587	Andrew Brassett	(87)	0.0%	I	66.4	0.0	0.0		1.6		3.5			5.1	71.5	20.5		8.0			28.5			1
28436	Mark 841	(87)	5.1%	60.6%	44 J	0.0	3.7				25.6	3.Z		ZS S	73.1	18.9		8.0			26.9			1
28423	Rob B I	(17)	15.5%	41.9%	Z3.5	0.0	8.7		7.5	4.9	20.1			32.5	56.0	36.0		8.0			44.0			1
28424	Joe Catalano	(17)	10.5%	I	40 J	0.0	5.8			8.8	5.6			14.4	54.7	36 D		8.0	1.3		45.3			10
28446	Kalle Edward Hart	(87)	6.7%	I	52.0	0.0	6.0				6.0	32.0		38.0	50.0			10.0			10.0			10
16301	Callan Heggle	(17)	0.0%		54.1	0.0	0.0				5.9			5.9	60.0	24.0		16.0			40.0			10
28430	Sonia Holzheimer	(87)	7.2%	I	38.5	0.0	5.Z		8.7	5.1	18.1	1.6		33.5	72.0	20.0		+.0	4.0		28.0			10
18516	Rezan Kanti-Paul	(87)	0.0%	I	70.4	0.0	0.0				5.6			5.6	76.0	16.0		8.0			24.0			10
29729	Danki Matan	(RT) (RT)	0.0% 0.0%	I	38.0 55.2	0.0 0.0	0.0 0.0			€. □		620		62.0	100.0	16.0		8.0	16.8					10
48042 28435	Jim Reid	(870	U.U% Z.9%	I	50 Z	0.0	1.9			4.U	7.5	3.Z		+.0 10.7	59.2 64.0	16.0	16 D	8.U 8.O	16.2		40.8 36.0			10 10
20435 28426	Michael Sheehan Graem e Standfield	(870)	0.0%	0.0%	0.0	0.0	0.0				1.5	3.2		0.0	64.0 0.0	12.0	92.0	8.0			36.0 100.0			10
		(870	6.5%	I	6.0 6 ++ 3	0.0	4.8				19 Z	10.1		29.3	73.6	14.4	52.0	8.0	↓ .□					10
28429 28440	Anna Taylor Cassie Taylor	(87)	1.2%	I	ZZ.7	0.0	•.a 0.9		50.7		Z.8	10.1		53.5	76.1	16.0		8.0	4.0		26.4 24.0	0.0		10
28431	Karo IW Iniarski	(87)	0.0%	98.9%	71.2	0.0	0.0				0.8			0.8	72.0	20.0		8.0			24.0	0.0		10
	42C005 Calm Building			71.9%	4Z B	0.0	Z.7		3.6	Z.1	7.8	3.3		16.2	59.6	20.1	10.7	7.9	1.7		40.4	0.0		10
					*1.1	0.0	2		2.3		1.5	2.2		131	0.0		10.1	1.5			40.4	0.0		10
	Calmii Urban Developmi																							
28565	Carnero Broadway			95.7%	65.1	0.0	0.0		Z. +			0.5		2.9	68.0	16.0		8.0	8.0		32.0			10
23829	Mark Clascy	(87)	0.0%	I	14.7	0.0	0.0		20.8	Z.7	6.7			30.1	44.8	20.0		8.0	6.1	Z1.1	55.2			1
24099	Emma Flavagav	(17)	9.4%	90.2%	61.3	0.0	6.4			Z.9	Z.1	1.6		6.7	68.0	20.0		8.0	4.0		32.0			1
28288	John Hall	(87)	0.0%	I	26.7	0.0	0.0			44 J	5.1			49 J	76.0	16 D		8.0			24.0			1
297 40	Am anda Jili Maddoo		0.0%	I	20.0	0.0	0.0					60.0		60.0	80.0			20.0		,	20.0			1
24473	Joel Townson	(87)	0.0%	I	@ <i>5</i>	0.0	0.0					0.5		0.5	64.0	16.0		8.0		12.0	36.0			1
iotal for	42C007 Calmii Urban D	evelopmei	1.5%	56.1%	369	0.0	0.9		6.1	16 0	3.9	Z.1		28.1	64.0	17 Z		8.4	3.0	7.3	36.0			1
12 COO 8 0	Calmii Máter																							
24097	tala Brown	(870	0.0%	96.7%	54.1	0.0	0.0				1.3	0.5		1.9	56.0	32.0		8.0	¢.0		44.0			1
10460	Josle Duncan	(870)	0.0%	0.0%	0.0	0.0	0.0		28.0					28.0	28.0	6+D		8.0			72.0			1
29736	Amy Patrice Ella	(870)	0.0%	31.7%	31.7	0.0	0.0					623		623	10.0.0									10
29738	Glenniretand	(87)	0.0%	26.7%	26.7	0.0	0.0		1.7			71.7		73.3	10.0									10



As GHD grew – so did local adhoc reporting

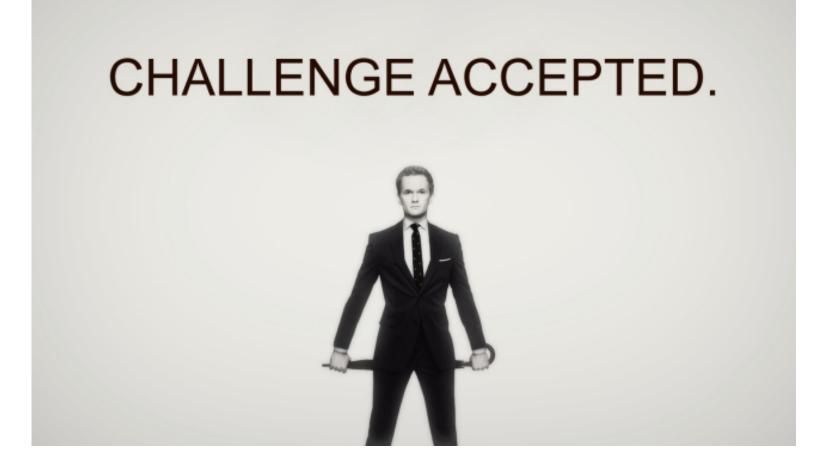


GHD

Time for Change

- □ Simplification
- □ Consistency
- □ Improved Accuracy
- □ Remove local reporting
- □ Need one version of the truth





GHD

Utilisation change journey



Utilisation change journey



Business calling for change



Decision made for TM1 & BI solution

Engaged with stakeholders



Decision to get external help - Tridant



Scoping/project management plan



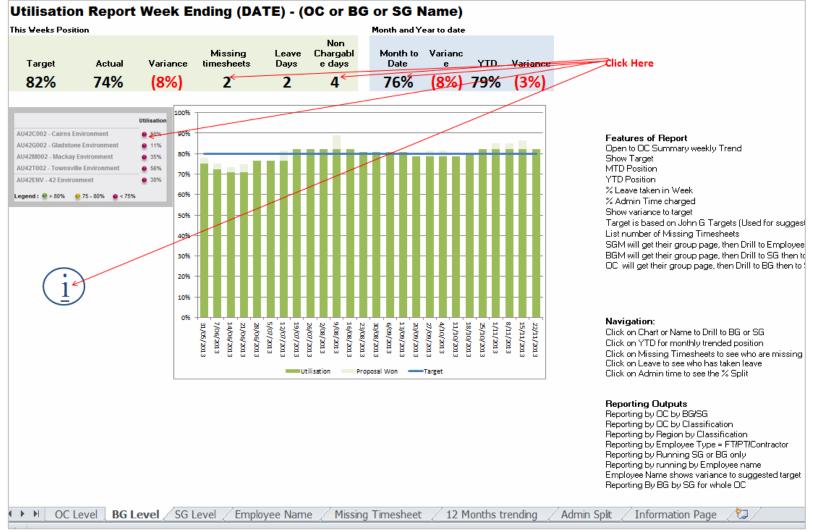
Report completed January for Go Live



Solution overview

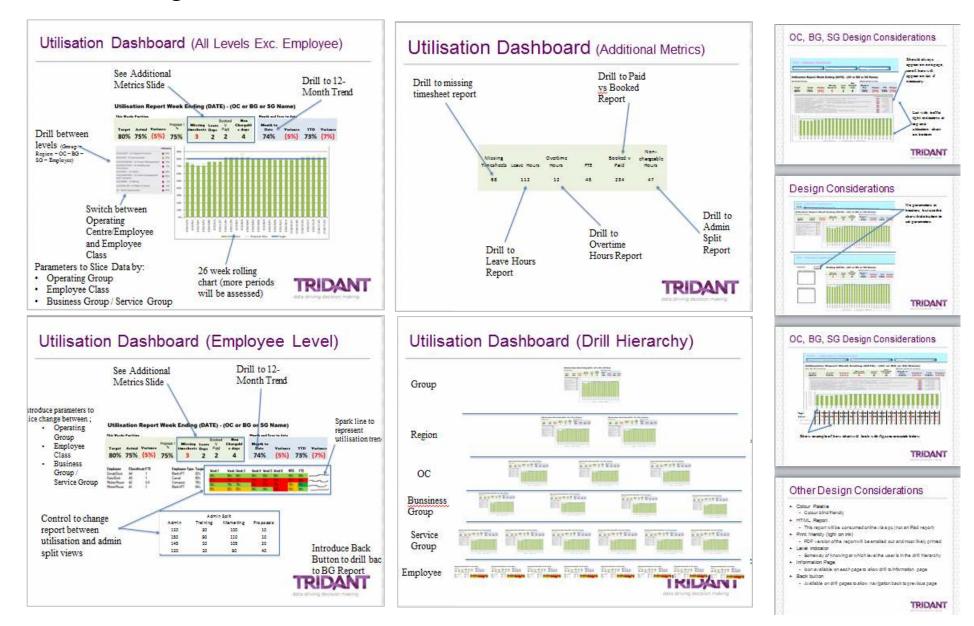


Started with internal Mockup





Then got Tridant who worked on this Wireframe

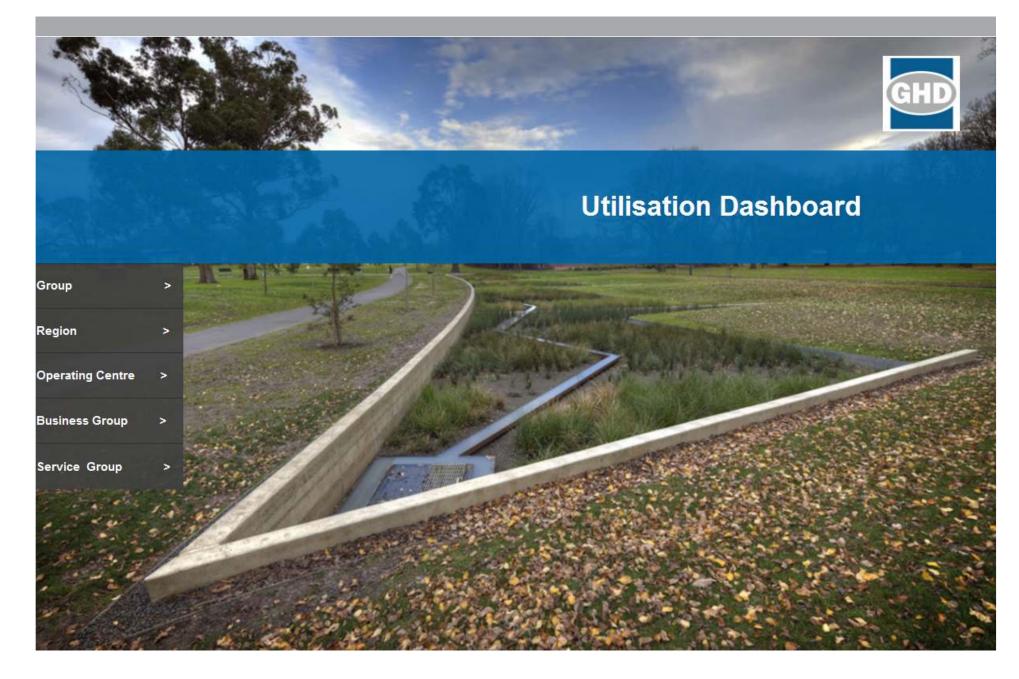


Then got to see it!

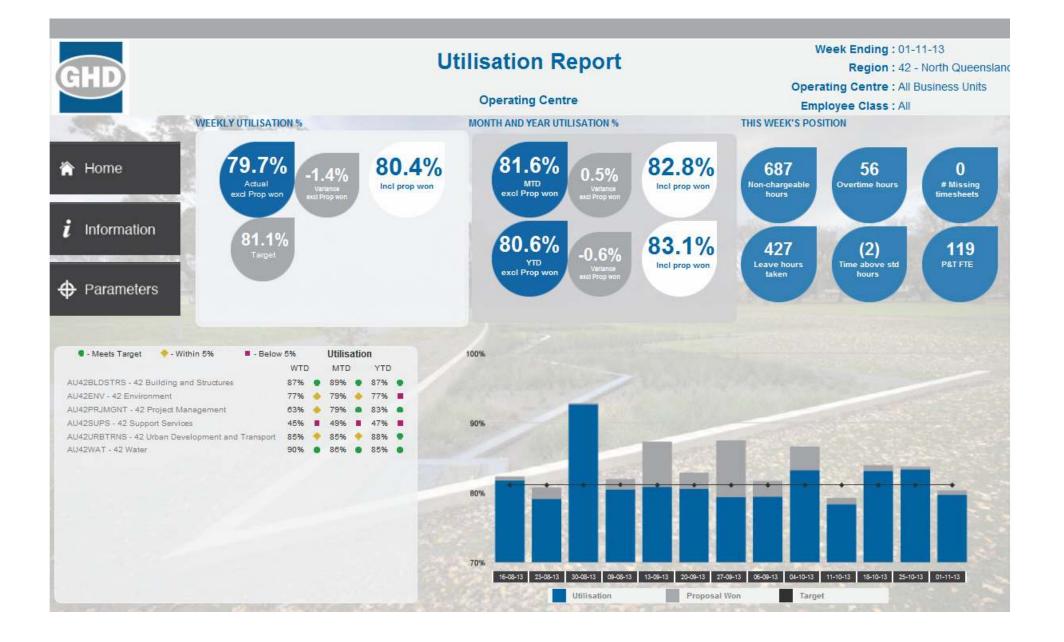


Final Solution

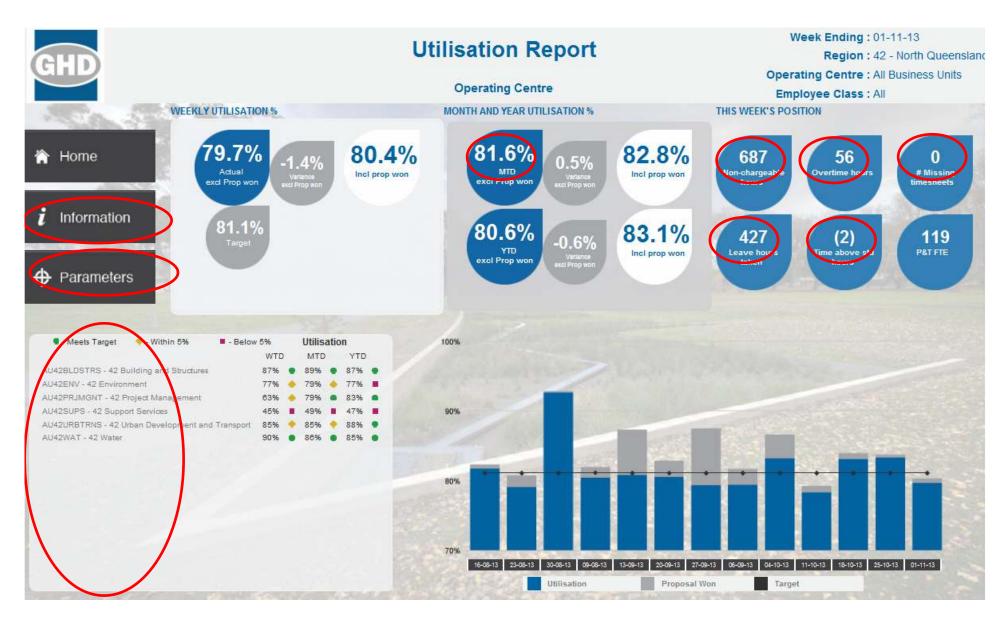




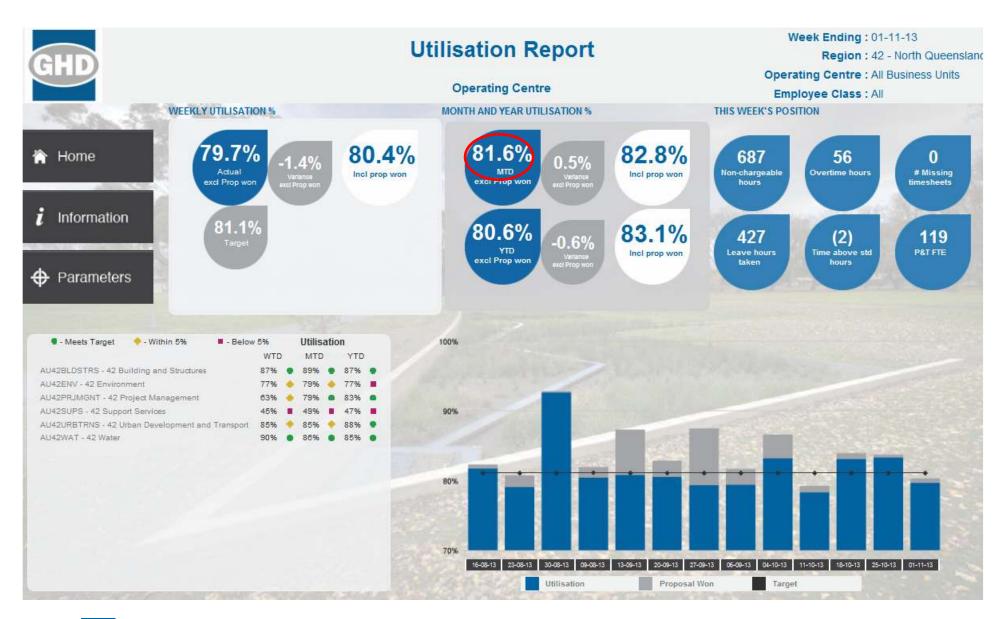
GHD



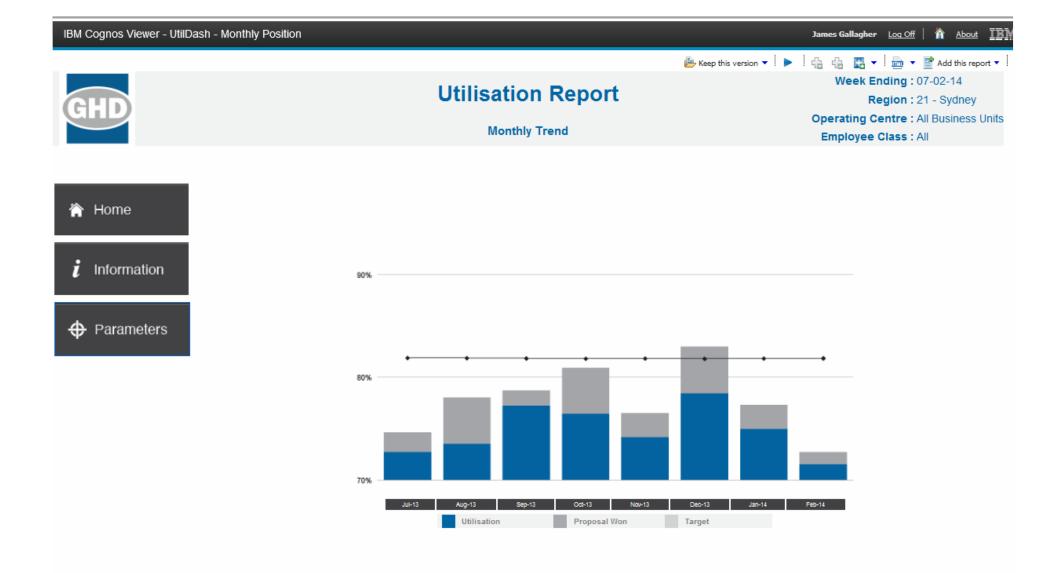




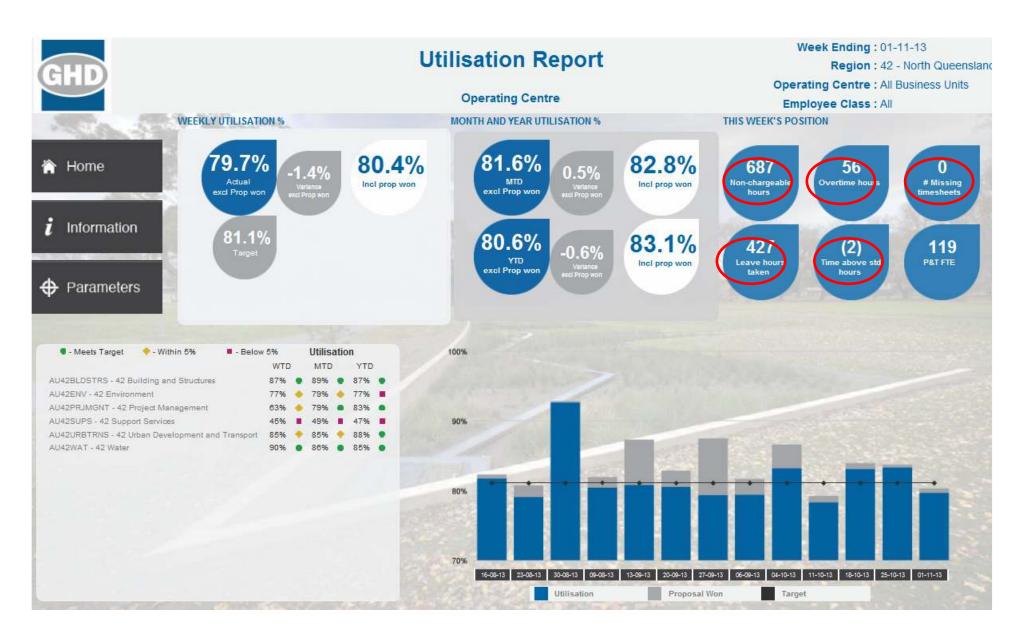






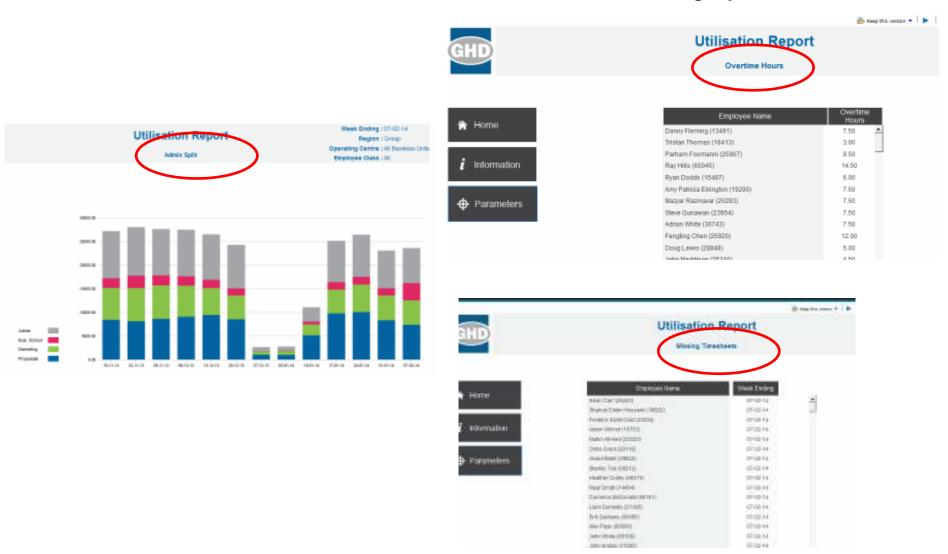






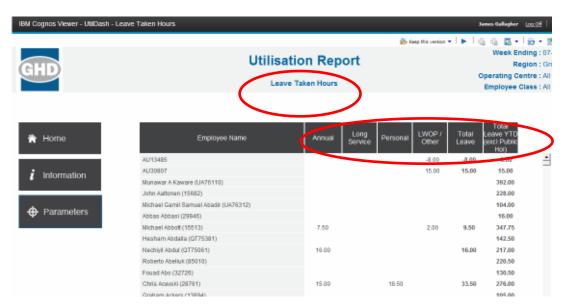


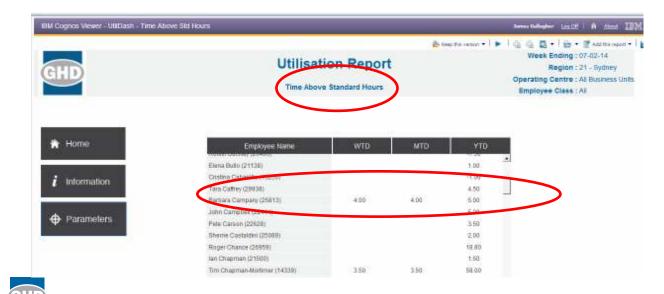
Drill through options

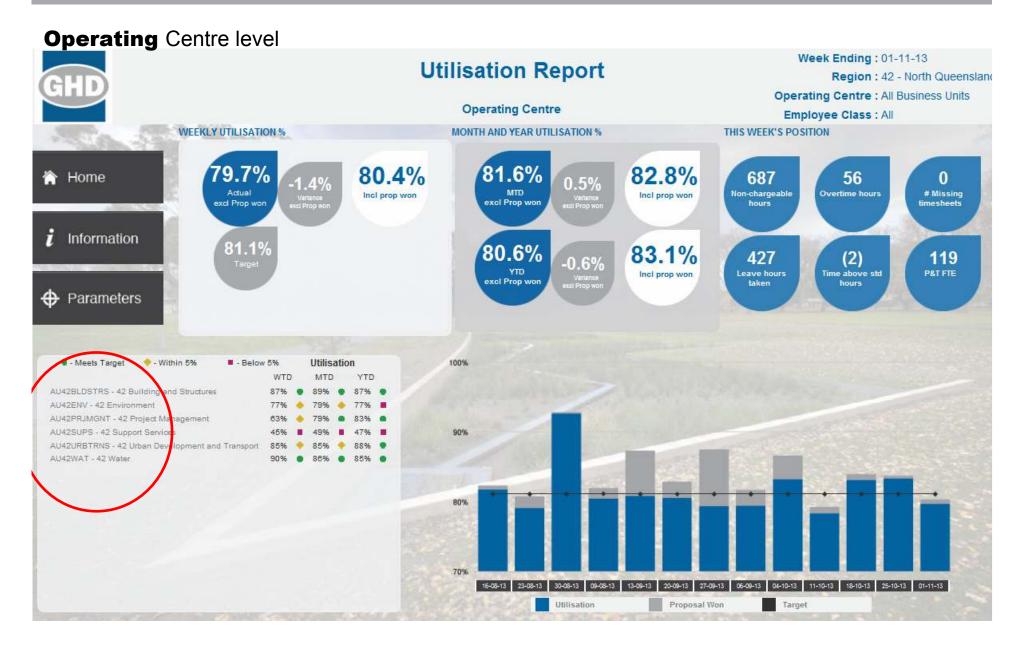




Drill through options

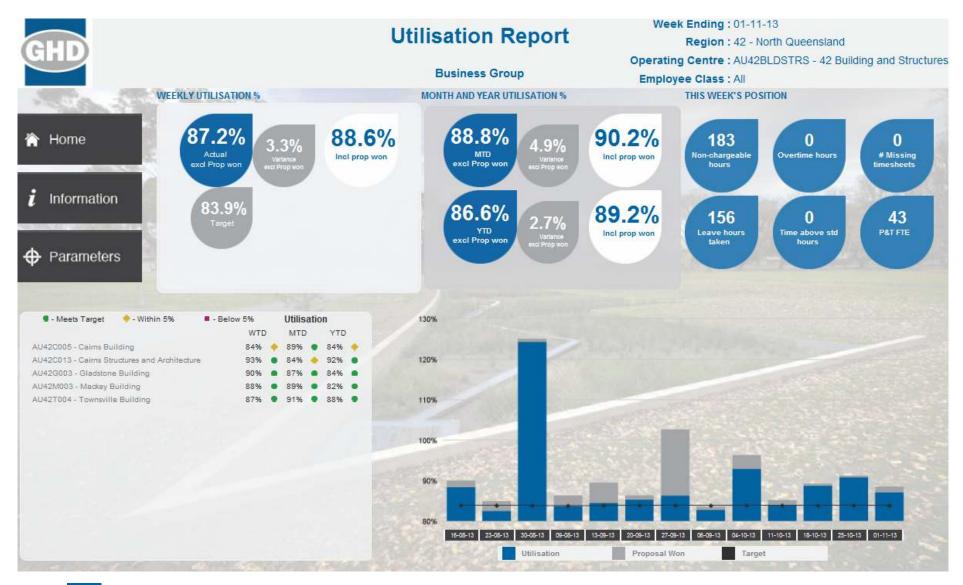






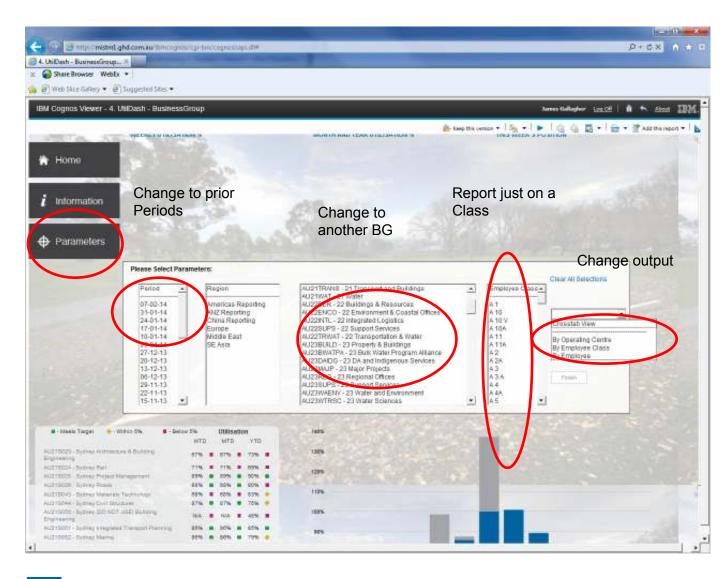


Business Group level



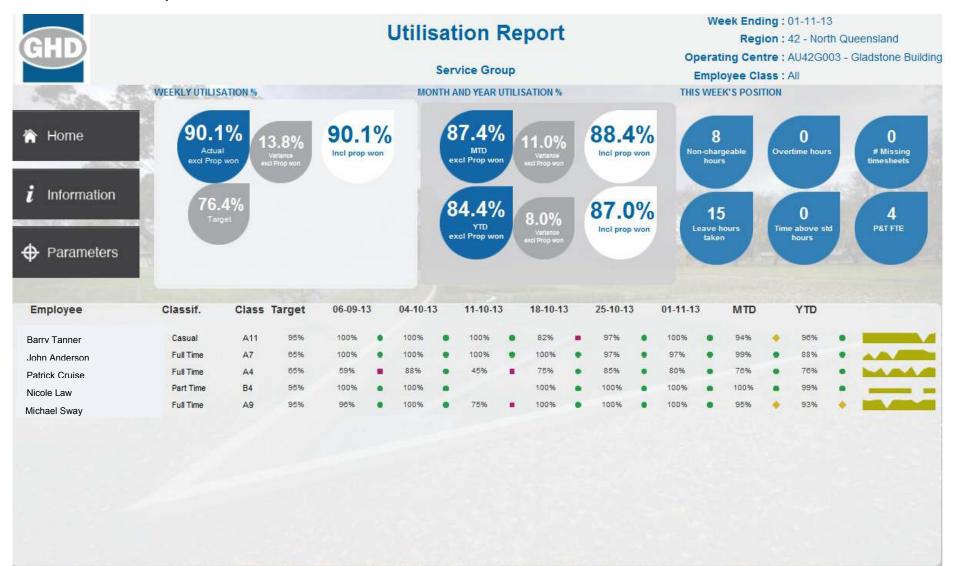


Alternate BG views





Service Group level





IBM Cognos Viewer - 5. UtilDash - ServiceGroup James Gallagher Log Off 🕴 😭 🦕 About 頂 👺 Keep this version 🔹 🛙 🎼 🔹 🖡 🕨 🕴 👘 🔹 📑 👘 🔹 📑 Add this report 🔹 Week Ending: 31-01-14 **Utilisation Report** Region : Group e : | Operating Centre : AU33A008 - Adl Building Engineering Service Group Employee Class : All WEEKLY UTILISATION % MONTH AND YEAR UTILISATION % THIS WEEK'S POSITION 88.2% 🏠 Home 2.0% 84.9% 34 0 121 -1.3% ION-CHARGEABLE OVERTIME # MISSING MTD HOURS HOURS TIMESHEETS ACTUAL 84.9% i Information Incl PROPOSAL WON 0.9% 87.1% 86.2% 236 2 32 Parameters TIME ABOVE P&T FTE TARGET YTD TAKEN STD HOURS Administration Split Bus. Employee Classif. Class Target Actual MTD YTD Office Marketing Proposals Bus. SchoolUnassignedTotal Admin Service Full Time A7 85% 98% 93% 85% 0 0 * Barry Tanner B2 Full Time 95% 100% 100% 92% John Anderson Full Time A5 75% 50% Patrick Cruise A5 75% 100% 98% 97% Nicole Law Full Time A6 94% Hours each week charged to overhead type



Where are we today



Where are we today

- **G** Embraced by Senior Management
- Report has been launched
- □ Listening to feedback
- □ Some enhancements have been made post launch
- □ Some slow to transition



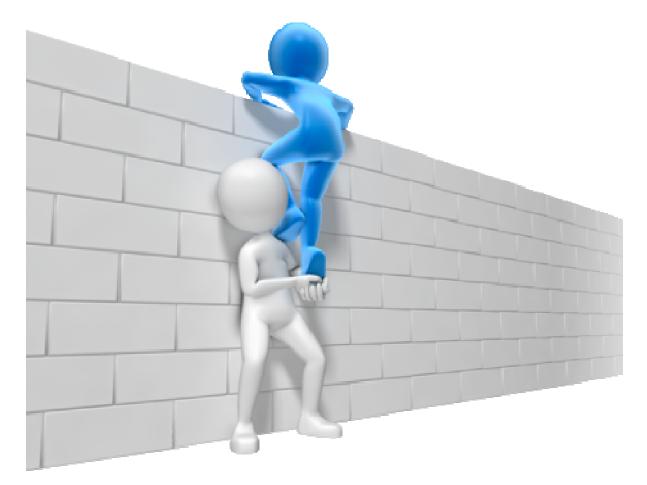


Challenges post implementation



Challenges post implementation

- □ Allowing office to launch when ready
- □ February vs July launch
- □ Resisters to change
- Detail engineers





Benefits



BENEFITS

- □ Improved more transparent
- □ Weekly snapshot
- Quicker access to information
- □ Automation of report issue
- □ Timesheet completion rates improved







Thank You