How GHD revolutionised productivity reporting

James Gallagher



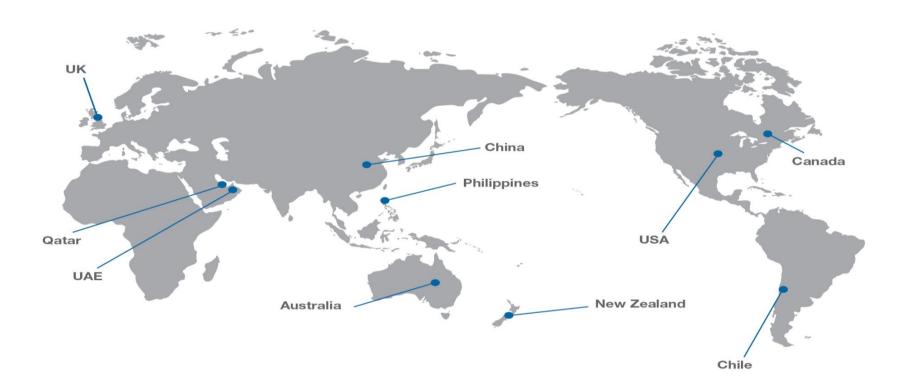


At a glance





Where are we?





About James Gallagher

- ☐ Joined GHD in 1997
- ☐ From April 2009 Finance Manager Victoria
- ☐ From July 2012 Finance Manager Victoria and Sydney



- 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 11 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

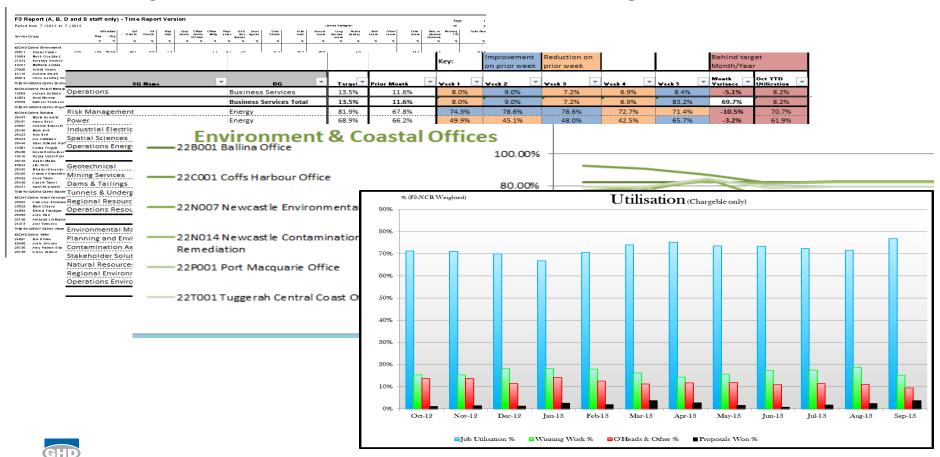


Existing Report – Created in 2001

| | eport (A, B, D | | Juil | VIII y | , | псере | | | | | | | | | | | | | | | | Page | .: |
|-----------|-------------------------|-------------|------------|--------|--------------------|----------------|-------------|-----------|---------------------------|------|---------|-------------|----------------------|--------|---------|--------------------------|-------------------|-----------------|----------------|-------------------|-------------------------------|----------------|----------|
| Period | from 7 /2013 to 7 / | 2013 | | | | | | | | | | | | | | Armes Galls | ng/er | | | | | of | |
| Service | Group | | Uf Prop | Chg | Cilento Cilento | int Calento | Prop Wan | Ad min Ad | Mae Off Min W Islim | | o cal c | | nac Tota nad Ohas | | | Long Bervice Leave | Public Hollday | Blok Le a ve | Ofter Leave | To tal Le a ve | Paid vo Booked Variance | Miccing T/B | To tal R |
| | | | % | % | % | % | % | % | % | % | % | % | % | ٠ ١ | : % | % | % | % | % | % | % | % | |
| 42 C00 2 | Calmi Environment | | | | | | | | | | | | | | | | | | | | | | |
| 26871 | Daniel Faule r | (8/1) | 1.2% | 25.6% | 65.1 | 0.0 | 1.3 | | | 1.1 | 6.1 | +.D | - 11 | 2 76. | 3 20.0 | | +.□ | | | 24.0 | 0.0 | | 10 |
| 19964 | Mest Gotzalez | CECTO | 0.0% | 78.5% | 46.7 | 0.0 | 0.0 | | 0.5 | 1.3 | 10.9 | | 12 | 8 59. | 5 Z+ D | | 8.0 | 8.5 | | 40.5 | | - 1 | 10 |
| 21244 | Brokwyk Hookey | (F/T) | 0.0% | 99 D% | 56.5 | 0.0 | 0.0 | | | 0.5 | | | - | s 56. | 36.0 | | 8.0 | | | 44.0 | | - 1 | 10 |
| 42451 | Matthew Jordan | (F/T) | 0.0% | 0.0% | 0.0 | 0.0 | 0.0 | | +. □ | | | | • | □ 4. | 0 22.3 | | 8.0 | | | 96.3 | 0.0 | - 1 | 10 |
| 23990 | Kristin Keane | (F/T) | 0.0% | 76.1% | 95 Z | 0.0 | 0.0 | | | 2.0 | 12.9 | | 17 | | | | 8.0 | 3.5 | | 27.5 | 0.0 | - 1 | 10 |
| 44116 | Andrew Small | (F/T) | 0.0% | 98.3% | 31.5 | 0.0 | 0.0 | | | 0.5 | | | - | | | | +.□ | | | 68.0 | | - 1 | 10 |
| 2687 4 | Vl∎ce Geo#reγ Toolie | A CELLED | 0.0% | 0.0% | 0.0 | 0.0 | 0.0 | | | | | | - | 0. | 92.0 | | 8.0 | | | 10 0.0 | | - 1 | 10 |
| Total for | 42C002 Calm I Environm | ent | 0.3% | 84.1% | 34.2 | 0.0 | 0.1 | | 1.3 | 0.8 | 4.1 | □. + | 6 | 6 40. | 90.9 | | 6.8 | 1.6 | | 59.3 | 0.0 | | 10 |
| 42 C00 4 | Calmii Project Manageme | nt | | | | | | | | | | | | | | | | | | | | | |
| 19869 | Joseph Estrada | (F/T) | 0.0% | 96.2% | 61.1 | 0.0 | 0.0 | | | 1.1 | 1.6 | | 2 | 7 63. | · 232 | | 8.0 | 5.1 | | 36.3 | | - [| 10 |
| 44854 | Neal Morrow | (F/T) | 0.0% | 95.0% | 15.2 | 0.0 | 0.0 | | | | 0.8 | | - | S 16. | 76.0 | | 8.0 | | | 84.0 | | - [| 10 |
| 23529 | SamielThomson | (F/T) | 0.0% | 25.5% | 61.9 | 0.0 | 0.0 | | | 0.3 | 9.9 | | 10 | 1 72. | 16.0 | | 8.0 | 4.□ | | 28.0 | | - 1 | 10 |
| Total for | 42C004 Calmii ProjectMa | a magem e | 0.0% | 91.7% | 39.7 | 0.0 | 0.0 | | | D. + | 3.2 | |] 3 | 6 43. | 9 463 | | 8.0 | 2.4 | | 56.7 | | | 10 |
| 42 (200 5 | Calmir Building | | | | | | | | | | | | | | | | | | | | | | |
| 28433 | Maria Bemarte | (P/D) | 0.0% | 100.0% | 58.9 | 0.0 | 0.0 | | | | | | | o 58. | 320 | | 8.0 | 1.1 | | 41.1 | | - 1 | 10 |
| 28437 | Aaro a Best | (F/T) | 0.0% | 88.9% | 49.3 | 0.0 | 0.0 | | +.3 | | 1.3 | 0.5 | 6 | | | | 8.0 | | | 44.5 | | - 1 | 10 |
| 23587 | Andrew Brassett | (F/T) | 0.0% | 92.9% | 66.4 | 0.0 | 0.0 | | 1.6 | | 3.5 | | 5 | 1 71. | 205 | | 8.0 | | | 28.5 | | - 1 | 10 |
| 28436 | Mark Buff | (F/T) | 5.1% | 60.6% | ++3 | 0.0 | 3.7 | | | | 25.6 | 3.Z | 28 | s 73. | 1 189 | | 8.0 | | | 26.9 | | - 1 | 10 |
| 28423 | Rob B 11 | (F/T) | 15.5% | +1.9% | 23.5 | 0.0 | 8.7 | | 7.5 | +.9 | 20.1 | | 32 | s 56. | 36.0 | | 8.0 | | | 44.0 | | - 1 | 10 |
| 28424 | Joe Catalato | CECTO | 10.5% | 73.7% | 403 | 0.0 | 5.8 | | | 2.2 | 5.6 | | 14 | · 54. | 36.0 | | 8.0 | 1.3 | | 45.3 | | - 1 | 10 |
| 28446 | Kake Edward Hart | (F/T) | 6.7% | 57.2% | 52.0 | 0.0 | 6.0 | | | | 6.0 | 32.0 | 36 | D 90. |) | | 10.0 | | | 10.0 | | - 1 | 10 |
| 16301 | Callat Heggle | (F/T) | 0.0% | 90.2% | 54.1 | 0.0 | 0.0 | | | | 5.9 | | 5 | 9 60. | 2+0 | | 16.0 | | | 40.0 | | - 1 | 10 |
| 28430 | Sonia Hotzhelmer | (F/T) | 7.2% | 53.5% | 36.5 | 0.0 | 5.2 | | 8.7 | 5.1 | 18.1 | 1.6 | 30 | 5 72. | 200 | | +.□ | 4.□ | | 28.0 | | - 1 | 10 |
| 18516 | Rezal KaltFPatl | (F/T) | 0.0% | 92.6% | 70.4 | 0.0 | 0.0 | | | | 5.6 | | 5 | 6 76. | 16.0 | | 8.0 | | | 24.0 | | - 1 | 10 |
| 29729 | DarkiMalar | (F/T) | 0.0% | 38.0% | 38.0 | 0.0 | 0.0 | | | | | 6Z II | 62 | D 100. | 0 | | | | | | | - 1 | 10 |
| 48042 | Jim Reid | (F/T) | 0.0% | 93.2% | 55.2 | 0.0 | 0.0 | | | +.□ | | | | D 59. | | | 8.0 | 16.2 | | 40.8 | | - 1 | 10 |
| 28435 | Michael Sheehan | (F/T) | Z.9% | 83.3% | 53.3 | 0.0 | 1.9 | | | | 7.5 | 3.2 | 10 | | | 16.0 | 8.0 | | | 36.0 | | - 1 | 10 |
| 28426 | Graem e Standfield | (F/T) | 0.0% | 0.0% | 0.0 | 0.0 | 0.0 | | | | | | " | | | 92.0 | 8.0 | | | 10 0.0 | | - 1 | 10 |
| 28429 | Atta Taylor | (F/T) | 6.5% | 60.1% | ++3 | 0.0 | 4.8 | | | | 19.2 | 10.1 | 29 | | | | 8.0 | 4.0 | | 26.4 | | - 1 | 10 |
| 28440 | Cassie Taylor | (F/T) | 1.2% | 29.2% | 22.7 | 0.0 | 0.9 | | RD .7 | | 2.8 | | - 53 | | | | 8.0 | | | 24.0 | 0.0 | - 1 | 10 |
| 28431 | Karo IW Islamski | (F/T) | 0.0% | 98.9% | 71.2 | 0.0 | 0.0 | | | | 0.8 | | | 1 | 1 | | 8.0 | | | 28.0 | | - 1 | 10 |
| Total for | 42C005 Calmii Building | | 4.5% | 71.9% | +Z E | 0.0 | 2.7 | | 3.6 | 2.1 | 7.8 | 3.3 | 16 | 8 59. | 20.1 | 10.7 | 7.9 | 1.7 | | 40.4 | 0.0 | | 10 |
| 42 C007 | Calmı Urban Developmer | nt & Transp | ort | | | | | | | | | | | | | | | | | | | - 1 | |
| 28565 | Cameron Broadway | CECTO | 0.0% | 95.7% | 65.1 | 0.0 | 0.0 | | Z. 4 | | | 0.5 | z | | | | 8.0 | 8.0 | | 32.0 | | - [| 10 |
| 23829 | Mark Clascy | (F/T) | 0.0% | 32.7% | 14.7 | 0.0 | 0.0 | | | 2.7 | 6.7 | | 30 | | | | 8.0 | 6.1 | 21.1 | 55.2 | | - [| 10 |
| 24099 | Emma Flatagat | (F/T) | 9.4% | 90.2% | 61.3 | 0.0 | 6.4 | | | 2.9 | Z.1 | 1.6 | 6 | | | | 8.0 | +.□ | | 32.0 | | - 1 | 10 |
| 28288 | John Hall | (F/T) | 0.0% | 35.1% | 26.7 | 0.0 | 0.0 | | • | ·+ 3 | 5.1 | | +9 | | | | 8.0 | | | 24.0 | | - [| 10 |
| 297 40 | Am arda Jili Maddock | | 0.0% | 25.0% | 20.0 | 0.0 | 0.0 | | | | | en n | _ eo | | | | 20.0 | | | 20.0 | | | 10 |
| 24473 | Joel Town son | (F/T) | 0.0% | 99.2% | G3.5 | 0.0 | 0.0 | | | | | 0.5 | " | | 1 | | 8.0 | | 12.0 | 36.0 | | - [| 10 |
| Total for | 42C007 Calmii Urban De | ve lopme i | 1.5% | 96.1% | 35.9 | 0.0 | 0.9 | | 6.1 1 | еп | 3.9 | 2.1 | 223 | 1 64. | 17.2 | | 8.4 | 3.0 | 7.3 | 36.0 | | | 10 |
| 42 C00 8 | Calmii Water | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 24097 | tale Brown | (F/T) | 0.0% | 96.7% | 54.1 | 0.0 | 0.0 | | | | 1.3 | 0.5 | 1 | 9 5G. |) 32.0 | | 8.0 | 4.□ | | 44.0 | | - [| 10 |
| 40460 | José Dincan | (F/T) | 0.0% | 0.0% | 0.0 | 0.0 | 0.0 | | 20 | | | | 28 | D 28. | 6+1 | | 8.0 | | | 72.0 | | - [| 10 |
| 29736 | Amy Patrice Ella | (F/T) | 0.0% | 31.7% | 31.7 | 0.0 | 0.0 | | | | | 68.3 | 68 | | 0 | | | | | | | - [| 10 |
| 29738 | Glenn fretand | (F/T) | 0.0% | 26.7% | 26.7 | 0.0 | 0.0 | | 1.7 | | | 71.7 | 73 | 3 100. | 0 | | | | | 1 | | - 1 | 10 0 |



As GHD grew – so did local adhoc reporting



Time for Change

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





Support for BI solution



How did we get the support within GHD?

- ☐ The business was calling for improvement and simplification
- □ CFO has a drive for this change and sold the opportunity for improvement internally.
- Business case written in early 2013 to identify what our options were for improvement;
- Already using TM1;
- Business case approved;
- Budget allocation included to support development in FY 2014;



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



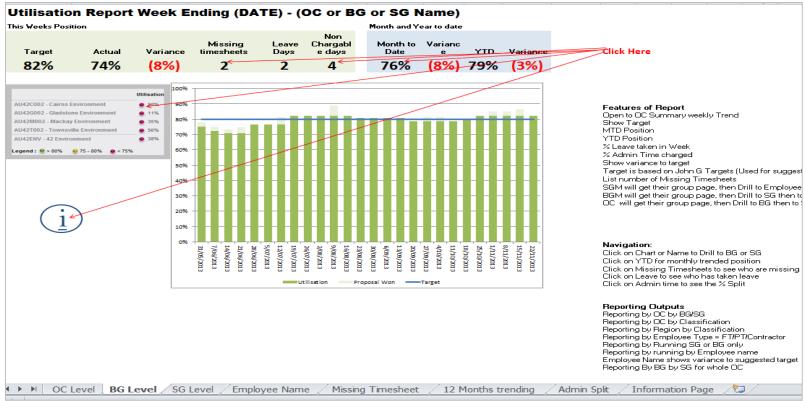
Report completed January for Go Live



Solution overview

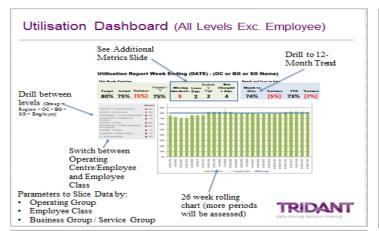


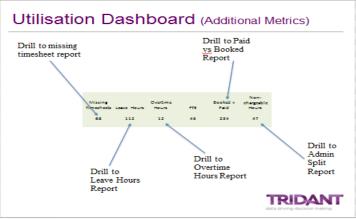
Started with internal Mockup

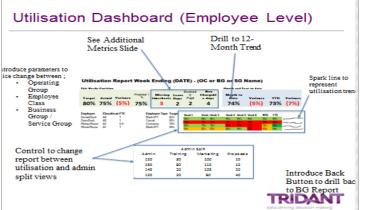


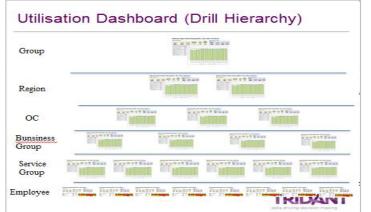


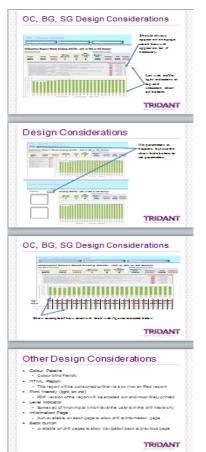
Then got Tridant who worked on this Wireframe









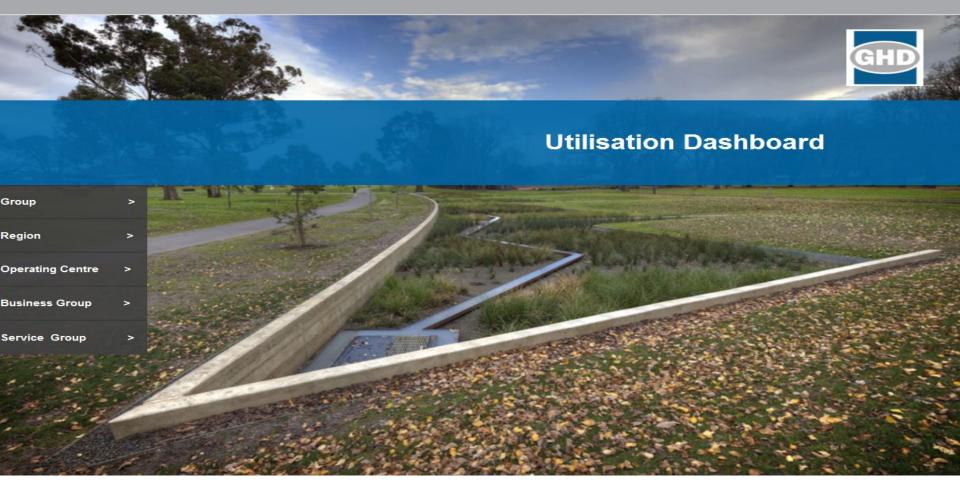


Then got to see it!



Final Solution









Utilisation Report

Week Ending: 01-11-13

Region: 42 - North Queensland

Operating Centre: All Business Units

Employee Class : All





THIS WEEK'S POSITION





81.1%

WEEKLY UTILISATION %



























83.1% Incl prop won

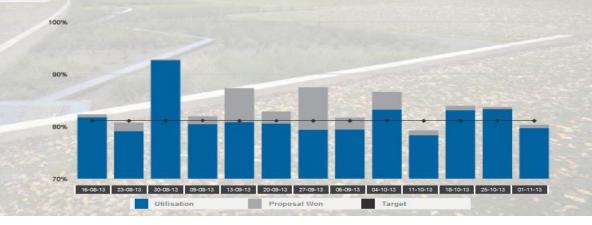














Utilisation Report

Week Ending: 01-11-13

Region: 42 - North Queensland

Operating Centre: All Business Units

Employee Class: All

Operating Centre

MONTH AND YEAR UTILISATION %





WEEKLY UTILISATION %

excl Prop won

80.4% Incl prop won

0.5%

82.8%

Incl prop won



56 Overtime he



Information

Home

81.1%

80.6% excl Prop won

-0.6%

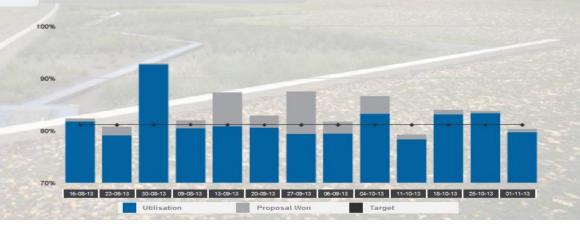
83.1% Incl prop won

ime above s

119









Drill through options





☆ Home

i Information

Parameters

Utilisation Report Overtime Hours

E Keep this version ▼

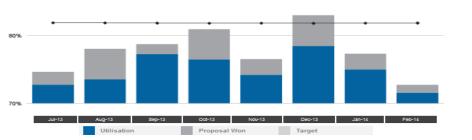


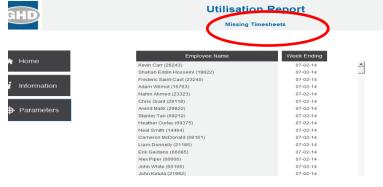
| Employee Name | Overtime Hours |
|--------------------------------|-------------------|
| Danny Fleming (13491) | 7.50 |
| Tristan Thomas (18413) | 3.00 |
| Parham Foomanni (25907) | 9.50 |
| Ray Hills (65045) | 14.50 |
| Ryan Dodds (15487) | 6.00 |
| Amy Patricia Elkington (19290) | 7.50 |
| Mazyar Razmavar (25293) | 7.50 |
| Steve Gunawan (23954) | 7.50 |
| Adrian White (30743) | 7.50 |
| Fengting Chen (25920) | 12.00 |
| Doug Lewis (28848) | 5.00 |

John Maddison (25310)



Utilisation Report







15000.00

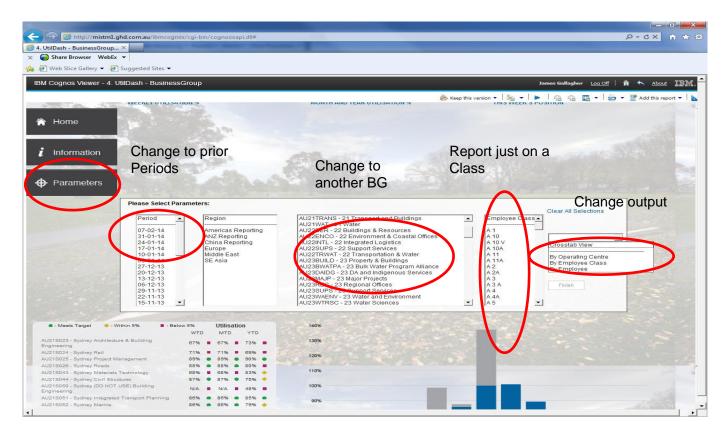
Drill through options







Alternate BG views





Service Group level



Utilisation Report

Week Ending: 01-11-13

Region: 42 - North Queensland

Operating Centre: AU42G003 - Gladstone Building

Employee Class: All

Service Group

WEEKLY UTILISATION %

MONTH AND YEAR UTILISATION %

THIS WEEK'S POSITION

Home

90.1% excl Prop won 76.4%

90.1% 13.8% Variance excl Prop won Incl prop won

87.4% excl Prop won

11.0%

88.4% Incl prop won

8 Non-chargeable hours

Overtime hours

0 # Missing timesheets

Information

Parameters

84.4% exci Prop won

8.0% Variance exci Prop won

87.0% Incl prop won

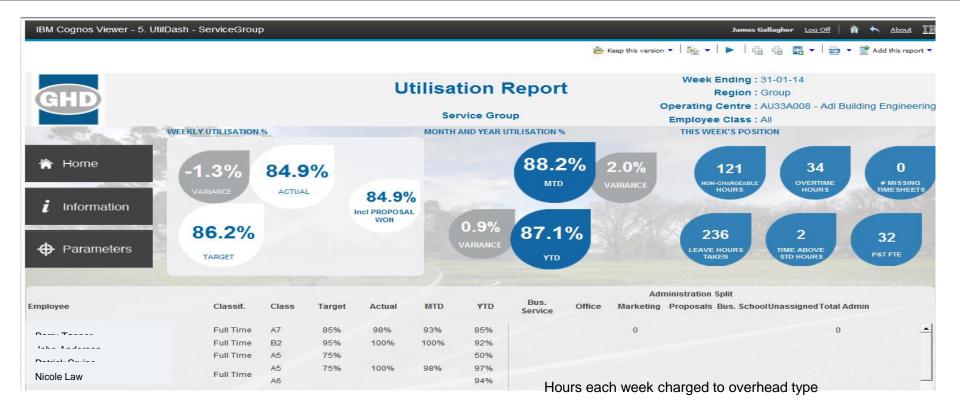
15 Leave hours taken

0 Time above std hours

4

| Employee | Classif. | Class | Target | 06-09-13 | | 04-10-13 | | 11-10-13 | | 18-10-13 | | 25-10-13 | | 01-11-13 | | MTD | | YTD | | |
|------------------|-----------|-------|--------|----------|---|----------|---|----------|--------------|----------|---|----------|---|----------|---|------|---|-----|---|------|
| Da Taaaaa | Casual | A11 | 95% | 100% | • | 100% | • | 100% | • | 82% | - | 97% | • | 100% | • | 94% | | 98% | | |
| I=1== A ==1===== | Full Time | A7 | 65% | 100% | | 100% | | 100% | | 100% | | 9796 | | 97% | • | 99% | | 88% | | |
| B | Full Time | A4 | 65% | 59% | - | 88% | | 45% | | 75% | • | 85% | | 80% | | 78% | • | 76% | | MANA |
| KPI- I | Part Time | B4 | 95% | 100% | | 10096 | | | | 100% | | 100% | | 100% | | 100% | | 99% | | |
| Michael Sway | Full Time | A9 | 95% | 98% | • | 100% | • | 75% | 8 = 8 | 100% | • | 100% | • | 100% | • | 95% | • | 93% | • | |







Where are we today



Where are we today

- ☐ 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
- Resistant to change
- Detail engineers





Benefits



■ More transparent ■ Weekly snapshot Quicker access to information Automation of report issue Increased utilisation has been seen Timesheet completion rates improved



Thank You