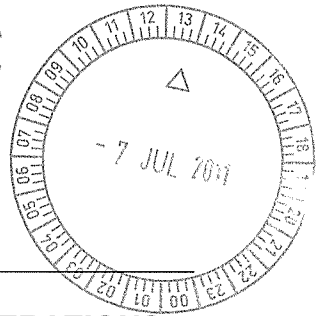


PUBLIC



STANDING COMMITTEE ON ESTIMATES AND FINANCIAL OPERATIONS

QUESTIONS ON NOTICE SUPPLEMENTARY INFORMATION

SCIENCE AND INNOVATION

Monday, 20 June 2011
Department of Commerce

Question No. C1: Hon Ken Travers asked –

Do you keep any more detailed statistics about response times other than just the overall four that you can show us the actual response time is the same but there is an extra hour in travel or an extra hour in clean-up? Are those the sort of stats you would keep?

Answer: Detailed statistics on response times are contained in Attachment 1.

Attachment 1

Supplementary information requested in the estimates hearing on 20 June 2011

Comparison of FYE 2010 and FYE 2011

| Summary | No of Jobs | 38 | |
|-----------|--------------------|-----------|--|
| 2009/2010 | Average Response* | 58.9 mins | Time from notification of incident until ChemCentre ready to give advice either at the scene or by telephone |
| | Average Resolution | 94.4 mins | Time between advice being given and ChemCentre being released by agency in control of the incident |
| | | | |
| Summary | No of Jobs | 23 | |
| 2010/2011 | Average Response | 47.1 mins | Time from notification of incident until ChemCentre ready to give advice either at the scene or by telephone |
| | Average Resolution | 89.9 mins | Time between advice being given and ChemCentre being released by agency in control of the incident |

There were 15 less call-outs in 2010/11 than in 2009/10. In September 2010 Water Corp ceased sending "break -in" samples to ChemCentre. There were eight of these samples in the previous financial year; only two were received up to September 2010.

N° of Jobs

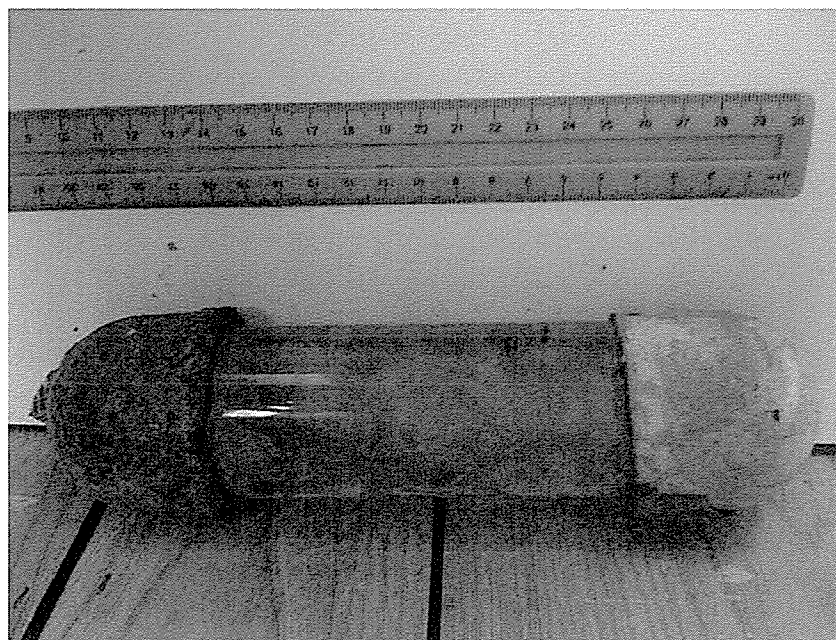
It is impossible to accurately determine why there were less call-outs by FESA in the last financial year, however one possible explanation is training of FESA personnel. During August and September 2010, at FESA's request, ChemCentre spent a considerable amount of time training senior on-site FESA personnel in recognising hazardous chemical incidents. This resulted in a significant drop in the number of call-outs between October and February. FESA undertook to re-train some of their senior Hazmat staff and from March through to June 2011 the volume of Hazmat events returned to 2009/2010 levels, i.e. on average three per month

Average Response Time

The response time was improved by 20% between 2009/2010 and 2010/2011. The primary reason for this was the almost permanent storage of instruments in the Emergency Response van. In previous years, which were predominantly spent in East Perth, for security reasons the instruments had been stored in the laboratory and had to be transported to the van for each job. Because of the improved security at our new facilities we are now able to store them in the van.

Average Resolution Time

The average resolution time has fallen from 94 minutes (excluding an overnight trip to Esperance in August 2009) to 90 minutes by June 2011. This response would have been significantly lower (70 minutes) had a response to an incident involving an orange liquid in a glass vial with a swastika (see figure below), not been included. The ChemCentre ER group along with our Quality Officer has begun a proficiency trial program. This proficiency program has resulted in an improved knowledge of all of the instruments by all of the staff and as a follow on our ability to identify unknowns is more mature than in previous years.



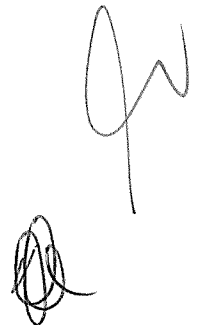
STANDING COMMITTEE ON ESTIMATES AND FINANCIAL OPERATIONS
QUESTIONS ON NOTICE SUPPLEMENTARY INFORMATION
SCIENCE AND INNOVATION

Monday, 20 June 2011
Department of Commerce

Question No.C2: Hon Ken Travers asked –

Earlier you indicated there was a list of current equipment you do not have that you are seeking. Can we get taken on notice the list of the equipment you have identified that you require but do not currently have and the estimated cost of that equipment?

Answer: The ChemCentre's Asset Management Plan is tabled in Attachment 2.

A handwritten signature in black ink, consisting of a stylized 'K' or 'W' shape with a vertical line extending downwards from the right side, and a circular scribble below it.

ASSET INVESTMENT PLAN - CHEMCENTRE

| Capital Investment Plan Report | | | | | | | |
|--|-------|---------|---------|---------|----------|----------|----------|
| Financial Year 2010/11 | | | | | | | |
| ChemCentre | | | | | | | |
| Project Title | No. | Budget | EOT | Budget | Estimate | Estimate | Estimate |
| | | 2010/11 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 |
| <u>New Works</u> | | | | | | | |
| <u>Asset Acquisition Program</u> | | | | | | | |
| <u>New Scientific Equipment</u> | | | | | | | |
| - 2010 -11 Program | 17668 | 0 | 0 | 90 | 0 | 0 | 0 |
| - 2012-13 Program | 17669 | 0 | 0 | 0 | 200 | 0 | 0 |
| - 2013-14 Program | 17670 | 0 | 0 | 0 | 0 | 526 | |
| - 2014-15 Program | | 0 | 0 | 0 | 0 | 0 | 0 |
| <u>Asset Replacement Program</u> | | | | | | | |
| <u>Replacement Scientific Equipment</u> | | | | | | | |
| - 2010 -11 Program | 17653 | 0 | 0 | 1582 | 0 | 0 | 0 |
| - 2012-13 Program | 17654 | 0 | 0 | 0 | 1070 | 0 | 0 |
| - 2013-14 Program | 17655 | 0 | 0 | | | 721 | 0 |
| - 2014-15 Program | | | | | | | 1284 |
| Total New Works | | 0 | 0 | 1672 | 1270 | 1247 | 1284 |
| <u>Works in Progress</u> | | | | | | | |
| Total Works in Progress | | 0 | 0 | 0 | 0 | 0 | 0 |
| <u>Completed Works</u> | | | | | | | |
| <u>Asset Acquisition Program</u> | | | | | | | |
| <u>New Scientific Equipment</u> | | | | | | | |
| - 2010-11 Program | 16605 | 195 | 195 | 0 | 0 | 0 | 0 |
| <u>Asset Replacement Program</u> | | | | | | | |
| <u>Scientific Equipment</u> | | | | | | | |
| - 2010-11 Program | 16608 | 405 | 405 | 0 | 0 | 0 | 0 |
| Prev Year Actual Completed Works | | | | | | | |
| Total Completed Works | | 600 | 600 | 0 | 0 | 0 | 0 |
| Total Capital Works Program | | 600 | 600 | 1672 | 1270 | 1247 | 1284 |
| <u>Recommended New Projects</u> | | | | | | | |
| Total Recommended New Projects | | 0 | 0 | 0 | 0 | 0 | 0 |
| Total CWP + Recommended New Projects | | 600 | 600 | 1672 | 1270 | 1247 | 1284 |
| Project Title | No. | Budget | EOT | Budget | Estimate | Estimate | Estimate |
| | | 2010/11 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 |
| <u>Sought Unfunded New Projects</u> | | | | | | | |
| <u>Asset Acquisition Program</u> | | | | | | | |
| - Auto analyser software NRL | 21285 | 0 | 11 | 0 | 0 | 0 | |
| - Autoanalyser Equipment for NRL | 21289 | 0 | 35 | 0 | 0 | 0 | |
| - Automated pH/EC system for NRL | 21284 | 0 | 50 | 0 | 0 | 0 | |

| | | | | | | | |
|--|-------|---|-----|-----|-----|-----|------|
| - Microwave Digestor NRL | 21286 | 0 | 50 | 0 | 0 | 0 | |
| <u>New Scientific Equipment</u> | | | | | | | |
| - 2013-14 Program | 17671 | 0 | 0 | 0 | 0 | 226 | |
| - Purchase of Automated column leaching for NRL | 21287 | 0 | 40 | 0 | 0 | 0 | |
| - Purchase of General minor equipment | 21290 | 0 | 40 | 0 | 0 | 0 | |
| - Q-TOF LCMS as replacement for Ion Trap LCMS | 21276 | 0 | 550 | 0 | 0 | 0 | |
| - Radiometer titrator upgrade for NRL | 21281 | 0 | 27 | 0 | 0 | 0 | |
| - VRae Multi Sensor for IC | 21294 | 0 | 17 | 0 | 0 | 0 | |
| - GCMS fitted with a dual PFPD for CBR and Client work | | 0 | | 0 | 200 | 0 | |
| - Portable XRF NRL for on site and triage analysis | | 0 | | 90 | 0 | 0 | |
| - ICP-MS for NRL | | | | | | 300 | |
| - Raman Microscope for Forensic | | 0 | | 0 | 0 | 180 | |
| <u>Asset Replacement Program</u> | | | | | | | |
| - Basic Lab gear replacement | 21296 | 0 | 6 | 0 | 0 | 0 | |
| - Basic Laboratory equipment to replace for equipment no longer supported by Manufacturers | 21291 | 0 | 2 | 0 | 0 | 0 | |
| - Drugs HPLC Forensics | 21275 | 0 | 100 | 0 | 0 | 0 | |
| - Plant sample mill for NRL. | 21282 | 0 | 35 | 0 | 0 | 0 | |
| - Replacement of PCs used as Instrument Controllers or Scientific Workstations Forensics | 21277 | 0 | 10 | 0 | 0 | 0 | |
| - GCMS + Canister sampler for ICL | | 0 | 220 | 0 | 0 | 0 | |
| - GC System - NPD for ICL | | 0 | 110 | 0 | 0 | 0 | |
| - HPLC Pump Binary for ICL | | 0 | 30 | 0 | 0 | 0 | |
| - Mercury Meter for ICL | | | 20 | | | | |
| - Freeze Dryer for ICL | | 0 | | 100 | 0 | 0 | |
| - Gel/Doc XR for ICL | | 0 | | 30 | 0 | 0 | |
| - Microsatellite Statistic Program for ICL | | 0 | | 10 | 0 | 0 | |
| - Purge and Trap Sampler Tekmar LSC3000 for ICL | | 0 | | 60 | 0 | 0 | |
| - Purge and Trap Autosampler for ICL | | 0 | | 50 | 0 | 0 | |
| - Bioanalyser for ICL | | 0 | | 50 | 0 | 0 | |
| - B & K Photoacoustic Analyser for ICL | | 0 | | 70 | 0 | 0 | |
| - Liquid Handler 221XL +Pump for ICL | | 0 | | 0 | 50 | 0 | |
| - Soxhlet for ICL | | 0 | | 0 | 40 | 0 | |
| - GC Autosampler ICL | | 0 | | 0 | 20 | 0 | |
| - Canister Cleaner for ICL | | 0 | | 0 | 40 | 0 | |
| - ATD/GC/MS for ICL | | 0 | | 0 | 0 | 220 | |
| - GC/FID for ICL | | 0 | | 0 | 0 | 75 | |
| - GS System-ECD NRL | | 0 | | 0 | 0 | 80 | |
| - Axial ICP-AES for NRL | | 0 | 170 | 0 | 0 | 0 | |
| - Autoanalyser for Soils for NRL | | 0 | 100 | 0 | 50 | 0 | |
| - ICP-MS for NRL | | 0 | | 300 | 0 | 0 | |
| - FIA for Nutrients NRL | | 0 | | 100 | 0 | 0 | |
| - Radial ICP-AES NRL | | 0 | | 0 | 170 | 0 | |
| - XRD for Forensic | | 0 | 320 | 0 | 0 | 0 | |
| - GC MS for Forensics | | 0 | 140 | 0 | 0 | 0 | |
| - Stereomicroscopes with Digital Interface for Forensics | | 0 | | 80 | 80 | 0 | |
| - LC MS - TOF for Forensics | | 0 | | 350 | 0 | 0 | |
| - GC MS & pyrolyser for Forensics | | 0 | | 0 | 180 | 0 | |
| - Portable FTIR for Forensics | | 0 | | 0 | 90 | 0 | |
| - LC MS - TOF for Forensics | | 0 | | 0 | 350 | 0 | |
| - GC MS Triple Q for Forensics | | 0 | | 0 | 0 | 250 | |
| Other Replacement Assets | | 0 | 57 | 382 | 0 | 96 | 1284 |
| IT Systems Development (4hrs/wk @ \$150 per hour) | | 0 | 31 | 0 | 0 | 0 | 0 |
| | | 0 | | 0 | 0 | 0 | 0 |
| | | | | | | | |
| | | | | | | | |

| | | | | | | | |
|---|--|---|------|------|------|------|------|
| Total Sought Unfunded New Projects | | 0 | 2171 | 1672 | 1270 | 1427 | 1284 |
| | | | | | | | |
| <u>Sought Unfunded Adjustments to Approved Projects</u> | | | | | | | |
| Total Sought Unfunded Adjustments to Approved Projects | | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Sought Unfunded | | 0 | 2171 | 1672 | 1270 | 1427 | 1284 |

STANDING COMMITTEE ON ESTIMATES AND FINANCIAL OPERATIONS

QUESTIONS ON NOTICE SUPPLEMENTARY INFORMATION

SCIENCE AND INNOVATION

Monday, 20 June 2011
Department of Commerce

Question No.C3 and No.C4: Hon Kate Doust asked –

Of the 102 positions is there a breakdown of the areas they work in such as industry development, science and so on? What is the current breakdown of staff according to level?

Answer: The divisional operational allocation of 80 FTEs is in two Directorates – Innovative Industries (42 FTEs), and Policy, Science and Program Management (38 FTEs). The balance is proportionate corporate overhead. The divisional positions are classified as follows:

| Position Level | No. |
|------------------|-----|
| | |
| C1 | 1 |
| L9 | 2 |
| L8 | 9 |
| L7 | 24 |
| L6 | 9 |
| L5 | 9 |
| L4 | 8 |
| L3 | 8 |
| L2 | 6 |
| L1 | 3 |
| Trainee position | 1 |
| Total | 80 |



STANDING COMMITTEE ON ESTIMATES AND FINANCIAL OPERATIONS

QUESTIONS ON NOTICE SUPPLEMENTARY INFORMATION

SCIENCE AND INNOVATION

Monday, 20 June 2011
Department of Commerce

Question C5: Hon Kate Doust asked –

Why have 14 staff been taken away from this area; where did they go; if any were made redundant, at what cost; and what programs or projects have had staffing levels reduced?

Answer: The Value for Money Review, undertaken by Deloitte, identified that some rationalisation of FTE allocations within the Industry, Science and Innovation division was achievable and, based on the report from that Review, the Economic and Expenditure Review Committee has reduced the divisional budget by approximately 14 FTEs and \$1.6 million. These savings will be achieved by a restructure of some components of the division. No staff were made redundant although some staff did exit the sector under the Voluntary Severance scheme.

A handwritten signature in black ink, consisting of a large, stylized 'J' or 'G' shape with a vertical line extending upwards, and a smaller, more complex scribble below it.

STANDING COMMITTEE ON ESTIMATES AND FINANCIAL OPERATIONS

QUESTIONS ON NOTICE SUPPLEMENTARY INFORMATION

SCIENCE AND INNOVATION

Monday, 20 June 2011
Department of Commerce

Question C6: Hon Kate Doust asked –

What is the funding allocated to each grant or subsidy in 2010-11, the estimated actual, and also 2011-12 and also for each of the out years?

Answer: This information is provided in Attachment 3.

A handwritten signature in black ink, consisting of a stylized 'K' followed by a vertical line and a circular flourish at the bottom.

Supplementary Questions - Attachment 3

SCIENCE AND INNOVATION GRANTS PROGRAMS

| | 2010/11 Budget | 2010/11 Estimated Actual | 2011/12 Budget Estimate | 2012/13 Budget Estimate | 2013/14 Budget Estimate | 2014/15 Budget Estimate |
|---|-------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| EXISTING FUNDING COMMITMENTS | | | | | | |
| New Science Initiatives Fund | 13,530,000 | 10,462,606 | 9,538,666 | 6,975,000 | 2,518,500 | - |
| Neurotrauma Research Program | 2,000,000 | 2,000,000 | | | | |
| Clinical Trials | 500,000 | 500,000 | | | | |
| Biotechnology Strategy | 175,000 | 175,000 | | | | |
| Desalination Research | 2,000,000 | 500,000 | 1,500,000 | | | |
| International Radio Astronomy Research Centre | 5,000,000 | 5,000,000 | 5,000,000 | 5,000,000 | 2,000,000 | |
| Premiers Research Fellowship Program | 500,000 | 500,000 | 500,000 | 500,000 | | |
| Intergovernmental Oceanographic Commission | 400,000 | 400,000 | 400,000 | 400,000 | | |
| WA Science Awards | 209,000 | 209,000 | 208,666 | 209,000 | | |
| Chief Scientist Contract | 165,000 | 165,000 | | | | |
| Office of Nobel Laureate | 450,000 | 450,000 | | | | |
| Peer Tutoring | 100,000 | | | | | |
| ILUA (SKA) | 471,000 | 113,606 | | | | |
| NCRIS Population Health HQ | 250,000 | 250,000 | | | | |
| Busselton Health Study | 500,000 | | 500,000 | | | |
| McCusker Foundation Alzheimer's Research | 400,000 | 200,000 | 580,000 | 400,000 | 200,000 | |
| COE Computational System Biology (part of ARC for Plant Energy Biology) | 410,000 | | 850,000 | 466,000 | | |
| Indian Ocean Marine Research Centre (IOMRC) - balance for 13/14 - refer COE program below | | | | | 81,500 | |
| Uncommitted program funds | | | | | 237,000 | |

| | 2010/11 Budget | 2010/11 Estimated Actual | 2011/12 Budget Estimate | 2012/13 Budget Estimate | 2013/14 Budget Estimate | 2014/15 Budget Estimate |
|--|-------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Centres of Excellence Program | 6,854,315 | 6,856,274 | 4,526,334 | 2,485,000 | 678,500 | - |
| Nanochemistry Research Centre | 10,000 | 10,000 | | | | |
| COE for Child Health Research | 235,202 | 235,202 | 258,434 | 34,822 | 10,000 | |
| Data Linkage Australia | 10,000 | 10,000 | | | | |
| Institute for Immunology and Infectious Diseases | 90,000 | 90,000 | 10,000 | | | |
| Nanoscale Characterisation Centre WA | 326,690 | 326,690 | 10,000 | | | |
| John De Laeter Centre for Mass Spectrometry | 544,000 | 544,000 | 10,000 | | | |
| COE for High Definition Geophysics | 10,000 | 10,000 | | | | |
| CRC Spatial Information | 101,400 | 101,400 | 10,000 | | | |
| CRC Sustainable Tourism | 10,000 | 10,000 | | | | |
| CRC Australian Biosecurity | | | 10,000 | | | |
| CRC Desert Knowledge | | | 10,000 | | | |
| COE for Evolutionary Biology | 10,000 | 10,000 | | | | |
| e-Medicine; International Centre for Health Solutions | 455,500 | 455,693 | 243,466 | 10,000 | | |
| ARC COE for Plant Energy Biology (Computational Systems Biology) | 191,000 | 191,000 | 10,000 | | | |
| CRC Sustainable Resource Processing | 10,000 | 10,000 | | | | |
| COE for Excellence for Plant Metabolomics | 311,611 | 321,511 | 10,000 | | | |
| Australian Centre for Interferometric Gravitational Astronomy | 10,000 | 10,000 | | | | |
| COE for Offshore Foundation Systems | 315,896 | 256,546 | 301,280 | 10,000 | | |
| CRC AJ Parker for Integrated Hydrometallurgy Solutions | 10,000 | 10,000 | | | | |
| CRC Contamination Assessment and Remediation of the Environment | 10,000 | 10,000 | | | | |
| COE for Research into Energy for Sustainable Transport | 10,000 | 10,000 | | | | |
| CRC Future Farm Industries | 412,520 | 412,520 | 426,911 | 405,711 | 50,000 | |
| COE of Excellence for Ecohydrology | 496,750 | 496,750 | 24,062 | 50,000 | | |

| | 2010/11 Budget | 2010/11 Estimated Actual | 2011/12 Budget Estimate | 2012/13 Budget Estimate | 2013/14 Budget Estimate | 2014/15 Budget Estimate |
|---|-------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Centre of Excellence Program continued | | | | | | |
| COE Climate Change and Woodland and Forest Health | 460,000 | 460,000 | 460,000 | 410,000 | 50,000 | |
| COE Radio Astronomy Science and Engineering | 575,000 | 575,000 | 550,000 | 214,000 | 50,000 | |
| COE for Seafood | 120,875 | 120,875 | | | 50,000 | |
| COE WA Geothermal | 769,000 | 769,000 | 50,000 | | | |
| COE for 3D Mineral Mapping | 412,734 | 463,950 | 186,581 | 50,000 | | |
| CRC Australian Sheep Industry II | 136,137 | 136,137 | 134,934 | | 50,000 | |
| Indian Ocean Marine Research Centre (IOMRC) | 800,000 | 800,000 | 1,400,000 | 1,300,000 | 418,500 | |
| Uncommitted program funds | | | 410,666 | 467 | | |
| Innovate WA | | | | | | |
| | 1,245,018 | 2,194,971 | 775,000 | | | |
| Centre for Genomic Medicine | 10,000 | 10,000 | | | | |
| Australian Synchrotron | 650,000 | 650,000 | 650,000 | | | |
| Professorship - Curtin University (Prof Tingay) | 125,000 | 125,000 | 125,000 | | | |
| WA Marine Science Institution | 460,018 | 1,409,971 | | | | |
| Scitech | 11,116,000 | 11,116,000 | 8,618,000 | 5,983,000 | | |
| iVEC - Pawsey Centre - Existing Funding Commitment | 3,626,000 | 2,626,000 | 1,000,000 | | | |
| POOGF Industry Development Assistance | 82,667 | 83,149 | | | | |
| Kimberley Science & Conservation Strategy Web Portal | | 200,000 | | | | |
| Square Kilometre Array (SKA) Optic Fibre link | | 5,000,000 | | | | |
| Remote Indigenous Public Internet | | 759,000 | | | | |
| TOTAL - EXISTING COMMITMENTS | 36,454,000 | 39,298,000 | 24,458,000 | 15,443,000 | 3,197,000 | - |

| | 2010/11 Budget | 2010/11 Estimated Actual | 2011/12 Budget Estimate | 2012/13 Budget Estimate | 2013/14 Budget Estimate | 2014/15 Budget Estimate |
|---|-------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| NEW FUNDING ALLOCATIONS - 11/12 BUDGET | | | | | | |
| iVEC - Pawsey Centre - New Funding Commitment | | | 3,748,000 | 3,885,000 | 4,027,000 | 4,188,000 |
| Square Kilometre Array (SKA) | | | 10,800,000 | | | |
| Remote Indigenous Public Internet | | | 685,000 | 701,000 | 713,000 | |
| WA Marine Science Institution (WAMSI) | | | 3,500,000 | 2,000,000 | 2,000,000 | 2,000,000 |
| Integrated Marine Observing System (IMOS) | | | 2,000,000 | 2,000,000 | 2,000,000 | |
| Research & Innovation Fund | | | 10,000,000 | | | |
| Gravity Discovery Centre | | | 350,000 | 300,000 | 250,000 | 200,000 |
| Office of the Nobel Laureates | | | 800,000 | | | |
| Research Fellowship Program | | | 500,000 | | | |
| TOTAL - NEW FUNDING ALLOCATION | - | - | 32,383,000 | 8,886,000 | 8,990,000 | 6,388,000 |
| TOTAL FUNDING COMMITMENTS - NEW AND EXISTING | 36,454,000 | 39,298,000 | 56,841,000 | 24,329,000 | 12,187,000 | 6,388,000 |
| 11/12 BUDGET PAPERS | 36,454,000 | 39,298,000 | 56,841,000 | 24,329,000 | 12,187,000 | 6,388,000 |

STANDING COMMITTEE ON ESTIMATES AND FINANCIAL OPERATIONS
QUESTIONS ON NOTICE SUPPLEMENTARY INFORMATION
SCIENCE AND INNOVATION

Monday, 20 June 2011
Department of Commerce

Question C7: Hon Ken Travers asked -

What are the projects and what are the estimated amount of hours spent on each project that goes to working out that efficient indicator?

Answer: The list of projects is provided in the spreadsheet at Attachment 4.

It is not possible to estimate the amount of hours spent on an individual project, since the efficiency indicator is calculated as an average cost per project (averaged across the division). The average cost per project also includes a proportionate divisional corporate overhead, based on FTEs.

A handwritten signature in black ink, consisting of a stylized 'N' or 'W' shape with a vertical line extending downwards, followed by a circular flourish and a horizontal stroke.

Supplementary questions – Attachment 4

| |
|--|
| Industry, Science and Innovation Projects |
| Program Management - Centres of Excellence |
| 17 Centres in total |
| Program Management - Innovate WA |
| Synchrotron |
| Centre for Genomic Medicine |
| Program Management - Innovate WA |
| Prof S Tingay |
| WAERA |
| WAMSI (see below) |
| Program Management - Other |
| Neurotrauma Research Program |
| Nobel Laureates (S&I Fund) |
| Clinical Trials (S&I Fund) |
| WA Research Fellowship Program (S&I Fund) |
| Desalination Research (S&I Fund) |
| Intergovernmental Oceanographic Commission (S&I Fund) |
| Gravity Discovery Centre (S&I Fund) |
| NCRIS - Population Health HQ (S&I Fund) |
| McCusker Foundation Alzheimers Research (S&I Fund) |
| Busselton Health Study (S&I Fund) |
| Plant Energy Biology Research (S&I Fund) |
| WAMSI |
| iVEC |
| Scitech |
| Support to Chief Scientist |
| POOGF Program |
| Council Support |
| Science Awards (S&I Fund) |
| Evaluation Framework |
| Investment Selection Process |
| Interim Council for Science & Innovation Support (now TIAC) |
| Policy |
| Innovation Framework |
| Environmental Scanning |
| Industry Policy Framework |
| CSTACI/Federal Liaison |
| Industry, Science and Innovation Strategy |
| Intellectual Property Policy Review |
| Marine and Defence, Oil and Gas, AMC |
| Subsea Industry Strategy |
| Floating Dock Stage 2 |
| AMC - Lot 211 |
| AMC - Matrix Composites |
| Australian Marine Complex - CUF in the Northwest |
| Defence Industry Strategy |
| Low Emissions Technology) |
| Industry and Export Awards |
| Industry Participation |
| Industry participation - Project Connect |
| Industry participation - Enterprise Connect |
| Industry participation - ICNWA |
| Industry Participation Policy Review |
| Digital Economy |

| |
|---|
| Online Council (OCC) |
| Kimberley Broadband Solutions Project |
| Bush Medivac WA |
| Emergency Connect WA |
| Emergency Services Communication Project Support |
| Remote Indigenous Internet Access NPA |
| State Telecommunications Needs Assessment |
| Community Emergency Mobile Communications Stage 2 |
| Regional Mobile Communications Project |
| Broadband Working Group Support |
| Broadband Strategy (now State Telecommunications Policy) |
| Perth to Geraldton Backhaul |
| SKA - Native Title (now Site Establishment) |
| SKA - Other Land tenures (now included in Site Establishment) |
| SKA - Communications and Stakeholder Management |
| SKA - Radio Quiet Issues |
| SKA - Strategic Planning/Intergovernmental Relations |
| Innovation Services |
| AMC and Tech Park Management |
| Bentley Technology Precinct Structure Plan |
| AMC Technology Precinct |
| Investor Ready Program |
| Innovation Centre |
| Innovator of the Year |
| International Science Parks Conference |
| Jakovich Centre Completion |
| Innovation Gateway |
| Integrated Innovation Program |
| Biodiscovery legislation |
| BioGENEius Challenge Competition |
| Medical Research Commercialisation Fund monitoring |
| WA public sector innovation |
| Innovators Circle |
| Support to Australian Innovation Festival |
| Support to Univation |
| Other |
| Program and Project Procedures Manual |
| Response to Internal Audit Requirements |
| Refinement of Program Listings |
| Compilation |
| Review and Capture of Internal Processes |
| TOTAL |
| |
| Targets (Estimated) 2010/11 - 95 |
| Estimated Actual 2010/11 - 93 |
| Actual as at 30 June 2011 - 85 (mainly due to CoE reduction) |
| Targets (Estimated) 2011/12 - 88 |
| Revised Targets 2011/12 - 78 (mainly due to CoE reduction) |
| Industry, Science and Innovation Projects |
| |
| Program Management - Centres of Excellence |
| Refer CoE Management Sheet |
| Program Management - Innovate WA |
| Synchrotron |
| Centre for Genomic Medicine |
| Program Management - Innovate WA |
| Prof S Tingay |
| WAERA |
| WAMSI (see below) |

| |
|---|
| Program Management - Other |
| Neurotrauma Research Program |
| Nobel Laureates (S&I Fund) |
| Clinical Trials (S&I Fund) |
| WA Research Fellowship Program (S&I Fund) |
| Desalination Research (S&I Fund) |
| Intergovernmental Oceanographic Commission (S&I Fund) |
| Gravity Discovery Centre (S&I Fund) |
| NCRIS - Population Health HQ (S&I Fund) |
| McCusker Foundation Alzheimers Research (S&I Fund) |
| Busseilton Health Study (S&I Fund) |
| Plant Energy Biology Research (S&I Fund) |
| WAMSI |
| iVEC |
| Scitech |
| Support to Chief Scientist |
| POOGF Program |
| Council Support |
| Science Awards (S&I Fund) |
| Evaluation Framework |
| Investment Selection Process |
| Interim Council for Science & Innovation Support (now TIAC) |
| Policy |
| Innovation Framework |
| Environmental Scanning |
| Industry Policy Framework |
| CSTACI/Federal Liaison |
| Industry, Science and Innovation Strategy |
| Intellectual Property Policy Review |
| Marine and Defence, Oil and Gas, AMC |
| Subsea Industry Strategy |
| Floating Dock Stage 2 |
| AMC - Lot 211 |
| AMC - Matrix Composites |
| Australian Marine Complex - CUF in the Northwest |
| Defence Industry Strategy |
| Low Emissions Technology) |
| Industry and Export Awards |
| Industry Participation |
| Industry participation - Project Connect |
| Industry participation - Enterprise Connect |
| Industry participation - ICNWA |
| Industry Participation Policy Review |
| Digital Economy |
| Online Council (OCC) |
| Kimberley Broadband Solutions Project |
| Bush Medivac WA |
| Emergency Connect WA |
| Emergency Services Communication Project Support |
| Remote Indigenous Internet Access NPA |
| State Telecommunications Needs Assessment |
| Community Emergency Mobile Communications Stage 2 |
| Regional Mobile Communications Project |
| Broadband Working Group Support |
| Broadband Strategy (now StateTelecommunications Policy) |
| Perth to Geraldton Backhaul |
| SKA - Native Title (now Site Establishment) |
| SKA - Other Land tenures (now included in Site Establishment) |
| SKA - Communications and Stakeholder Management |

| |
|--|
| SKA - Radio Quiet Issues |
| SKA - Strategic Planning/Intergovernmental Relations |
| Innovation Services |
| AMC and Tech Park Management |
| Bentley Technology Precinct Structure Plan |
| AMC Technology Precinct |
| Investor Ready Program |
| Innovation Centre |
| Innovator of the Year |
| International Science Parks Conference |
| Jakovich Centre Completion |
| Innovation Gateway |
| Integrated Innovation Program |
| Biodiscovery legislation |
| BioGENEius Challenge Competition |
| Medical Research Commercialisation Fund monitoring |
| WA public sector innovation |
| Innovators Circle |
| Support to Australian Innovation Festival |
| Support to Univation |
| Other |
| Program and Project Procedures Manual |
| Response to Internal Audit Requirements |
| Refinement of Program Listings |
| Compilation |
| Review and Capture of Internal Processes |
| TOTAL |
| |
| Targets (Estimated) 2010/11 - 95 |
| Estimated Actual 2010/11 - 93 |
| Actual as at 30 June 2011 - 85 (mainly due to CoE reduction) |
| Targets (Estimated) 2011/12 - 88 |
| Revised Targets 2011/12 - 78 (mainly due to CoE reduction) |
| NOTE: Targets for 2011/12 will increase due to new additional funding (GDC, WAMSI, Laureates, R&I Fund etc.) |