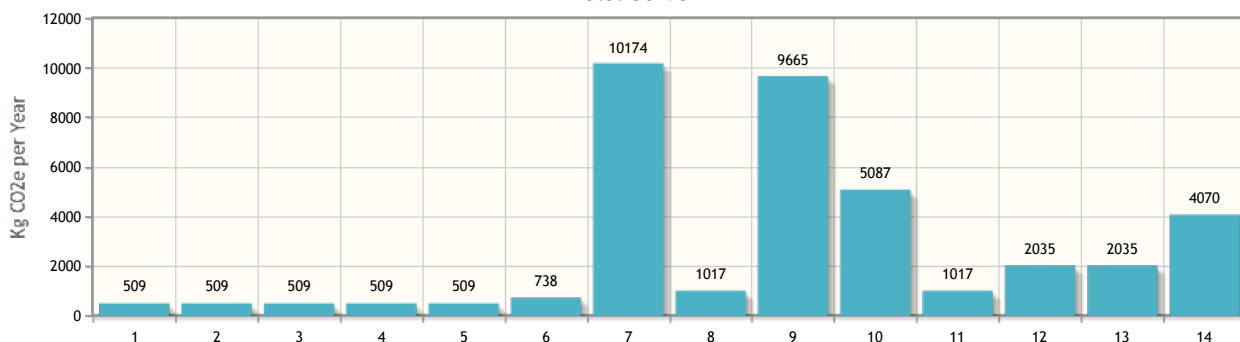


**Auditor:** Clément MOUCHET **Organisation:** Edinburgh Napier University **Date:** Saturday, 19 November 2011 @ 16:39

**Conversion Factor:** Grand Total of Direct & Indirect GHG emissions (0.59368 Kg CO2e per kWh) - 2011 - Defra / DECC's GHG Conversion Factors

**Total: 92183.68 Kg CO2e / Year**

### Role: Server



Qty	Description	Standby	kWh	Kg CO2e	Per Unit	Chart
1	Personal Computers, Desktop no monitor <b>Role:</b> Server <b>Location:</b> C41 <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	856.84	508.69	year	1
1	Personal Computers, Desktop no monitor <b>Role:</b> Server <b>Location:</b> C48 <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	856.84	508.69	year	2
1	Personal Computers, Desktop no monitor <b>Role:</b> Server <b>Location:</b> C51 <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	856.84	508.69	year	3
1	Personal Computers, Desktop no monitor <b>Role:</b> Server <b>Location:</b> C65 <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	856.84	508.69	year	4
1	Personal Computers, Desktop 1 monitor - RM Intel P4 (server) <b>Role:</b> Server <b>Location:</b> C6 (server racks) <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	856.84	508.69	year	5
24	Personal Computers, Desktop no monitor (RM) <b>Role:</b> Server <b>Location:</b> C28 <b>Time used:</b> 40 weeks per year, 4 days a week <b>On:</b> 1 hours per day, <b>Off:</b> 23 hours per day, on <b>Standby:</b> 0 hours per day	custom	1242.89	737.88	year	6
20	20 Single CPU Servers <b>Role:</b> Server <b>Location:</b> B56 Server Room <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	17136.87	10173.82	year	7
2	1 Dell PowerEdge SC1425 Dual CPU <b>Role:</b> Server <b>Location:</b> B56 Server Room <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	1713.69	1017.38	year	8
19	HPC cluster (equivalent 19 Dual Core CPU) <b>Role:</b> Server <b>Location:</b> C27 Server Room <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	16280.03	9665.13	year	9
10	10 Single CPU Servers <b>Role:</b> Server <b>Location:</b> C27 Server Room <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	8568.44	5086.91	year	10
2	1 Dell PowerEdge SC1425 Dual CPU <b>Role:</b> Server <b>Location:</b> C27 Server Room <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	1713.69	1017.38	year	11
4	2 Dell PowerEdge R710 Dual CPU <b>Role:</b> Server <b>Location:</b> C27 Server Room <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	3427.37	2034.76	year	12
4	2 Dell PowerEdge R805 Dual CPU <b>Role:</b> Server <b>Location:</b> C27 Server Room <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	3427.37	2034.76	year	13
8	4 Dual CPU servers <b>Role:</b> Server <b>Location:</b> C27 Server Room <b>Time used:</b> 52 weeks per year, 7 days a week <b>On:</b> 24 hours per day, <b>Off:</b> 0 hours per day, on <b>Standby:</b> 0 hours per day	custom	6854.75	4069.53	year	14

Total power-usage: **155275.03 kWh per Year**

Total Carbon footprint: **92183.68 Kg CO2e per Year**