



An Australian Government Initiative

NCOS CARBON NEUTRAL PROGRAM

PUBLIC DISCLOSURE SUMMARY

1. ORGANISATION AND PRODUCT INFORMATION

Organisation Name: Education Services Australia Limited

Disclosure Period: From: 01/07/2010 to: 30/06/2011

Date of most recent verification: NA – 1st Year

Carbon Neutral Disclosure Type:

- a. Organisation
- b. Product

2. ORGANISATION

Established in 2010 through the merger of Curriculum Corporation and Education.au, Education Services Australia is a national, not-for-profit company owned by all Australian education ministers.

The company was established to support delivery of national priorities and initiatives in the schools, training and Higher Education sectors, in particular to:

- Advance key nationally-agreed education initiatives, programs and projects by providing services such as:
 - researching, testing and developing effective and innovative technologies and communication systems for use in education;
 - devising, developing and delivering curriculum and assessment, professional development, career and information support services;
 - facilitating the pooling, sharing and distribution of knowledge, resources and services to support and promote e-learning; and

- supporting national infrastructure to ensure access to quality assured systems and content and interoperability between individuals, entities and systems;
- Create, publish, disseminate and market curriculum and assessment materials, ICT-based solutions, products and services to support learning, teaching, leadership and administration;

The company has offices in Melbourne and Adelaide and has 170 staff.

The company is a pure office based consultancy.

In terms of Organisational Boundaries, ESA has applied the principles of the GHG Protocol. As a not-for-profit limited by guarantee, ESA has no share capital in issuance and no subsidiaries, so has chosen to use the Operational Control method to set Organisational Boundaries rather than the Equity approach. ESA provides accommodation and corporate services support to a small government secretariat (5 staff), that whilst part of ESA's legal entity, it has no Operational or Financial control over, so has been excluded from its Organisational boundary. This secretariat is called the Ministerial Council for Education, Early Childhood Development and Youth Affairs. <http://www.mceecdya.edu.au>

All other activities of ESA are included within its Organisational Boundary.

In terms of Operational Boundaries, ESA includes all scope 1 and scope 2 emissions, and the scope 3 emissions required by NCOS for all its operations.

The sources of ESA's emissions are as follows and include all Kyoto Protocol gases:

| EMISSIONS SOURCE | 2010/11 | |
|------------------------|----------------|-------------------------------|
| | CO2-e (tonnes) | PROPORTION OF TOTAL INVENTORY |
| Electricity | 1,076 | 60.4% |
| Staff Air Travel | 497 | 27.9% |
| Publications Paper | 63 | 3.5% |
| Waste | 53 | 3.0% |
| Freight | 37 | 2.1% |
| Natural Gas | 30 | 1.7% |
| Staff Taxi Travel | 13 | 0.7% |
| Water use | 9 | 0.5% |
| Office Paper | 4 | 0.2% |
| Refrigerant Leakage | 1 | 0.1% |
| TOTAL EMISSIONS | 1,783 | 100.00% |

4. TOTAL CARBON FOOTPRINT

Carbon Footprint:

1,783 Tonnes CO₂-e

5. EMISSION REDUCTION MEASURES

This Plan Year, 2010/11, was Education Services Australia's Base Year, so emissions reduction initiatives have not occurred in this year. Instead, planning was undertaken to implement the following activities during the subsequent 2011/12 Plan Year. Each of the following initiatives has been identified as part of an energy audit and their estimated future emissions savings have been calculated as part of that process.

1. Retrofit T8 fluoro office lights with more efficient T5 light fittings.
2. Retrofit communal area halogen downlights with more efficient globes.
3. Remove excess fluoro office lights where work areas are over lit.
4. Undertake a staff behaviour change program to encourage switching off of the following equipment by staff:
 - Computers
 - Monitors
 - Office lighting
5. Recalibrate I.T communications room air conditioning units so that both units do not operate continuously.
6. Introduce technology that forces printers to be powered off rather than in power saving mode outside hours.
7. Introduce technology to compliment staff behaviour changes to ensure office lighting is switched off out of hours.

Items 1 – 3 have already been actioned in the period between the end of this 2010/11 Plan Year and the submission of this report but emissions savings will only accrue during the 2011/12 year.

| Emission Management and Reduction Measures | Emissions Reduction Forecast for 2011/12 (Tonnes CO ₂ -e) |
|--|--|
| Retrofit T8 fluoro office lights | 38 |
| Switch off computers | 17 |
| Retrofit halogen downlights | 14 |
| Remove excess fluoro office lights | 13 |
| Switch off lights | 7 |
| Switch off second air conditioning unit in server room | 7 |
| Switch off printers | 2 |
| Switch off monitors | 1 |
| Total Emissions <i>Forecast</i> | 99 |

6. OFFSET PURCHASE / CANCELLATION

ESA purchased and retired offsets equal to its emissions for plan year 2010/11, these offsets were accredited under both the Verified Carbon Standard and the Social Carbon Standard and both tranches below were from the same project, the Lau Renun Hydro Power project in North Sumatra Indonesia.

| Offset Type <i>Refer NCOS 3.1</i> | Registry | Serial Numbers | Offset Quantity (Tonnes CO ₂ -e) |
|--------------------------------------|-----------------|---|--|
| VCS | Markit Registry | 1430-61255793- 61256792-VCU-005- MER-ID-1-488- 01012010- 31032010-1 | 1,000 |
| VCS | Markit Registry | 1604-67275385- 67276167-VCU-005- MER-ID-1-488- 01012010- 31032010-1 | 783 |

7. OTHER INFORMATION

Further details in relation to ESA's environment actions, approach and policy, can be found in its Annual Environment Report at www.esa.edu.au