EDUCATION, SCIENCE AND TRAINING

SENATE LEGISLATION COMMITTEE - QUESTIONS ON NOTICE
2007-2008 BUDGET ESTIMATES HEARING

Outcome CSIRO

DEST Question No. E042_08

Senator Milne asked on 30 May 2007, EWRE Hansard page 58.

Question:

Senator MILNE—I would like to have a breakdown please of the $14 million that was spent on renewables and the figure that was spent on coal. Could somebody tell me how much was spent on coal?

Dr Garrett—Are we talking clean coal technology or all aspects?

Senator MILNE—We are talking about carbon capture and storage, so-called clean coal technology.

Dr Garrett—So the question on notice is to clarify across the organisation our expenditure on renewables, recognising Dr Moreton's point about the breadth of that activity.

Senator MILNE—I would like it narrowly on renewables, narrowly on clean coal and then overall, because that distributed energy—those issues—are germane to all energy issues. So I would like it broken down on coal, renewables and the other issues overall that would be relevant to it.

Dr Morton—So in order to make sure we get the numbers as correct as possible, it would be wise to take that on notice.

Dr Garrett—Yes, we are. Just to clarify, we can get that data for last year or the year to date.

Senator MILNE—Last year and the year to date, please.

Answer:

CSIRO has provided the following response.

Renewables

CSIRO's expenditure on Clean Coal Technology and Renewable Energy for 2005-06 and 2006-07 is as follows.

Research Area	**$ million investment**	
	Actuals 05-06	**Actuals 06-07**
Low emission coal technologies	13.8	14.0
Renewables	12.1	12.2
Energy Storage	7.3	7.0
Energy Management and Distributed Energy	3.8	4.6
Other Energy Research[1]	7.9	9.3
Total:	***44.9***	***47.1***

1. Other energy research includes:

- Biomass evaluation studies
- Artificial enhanced photosythesis
- Vibration harvesting
- Aspects of Hydrogen economy technology
- Liquid fuels chemistry
- Airconditioning efficiency
- Economic studies of energy supply and demand
- Fuel cells concepts - exploratory research
- Assessment of society impacts of changes on methods and energy industry