

EDUCATION, SCIENCE AND TRAINING

SENATE LEGISLATION COMMITTEE – QUESTIONS ON NOTICE 2003-2004 BUDGET ESTIMATES HEARING

Outcome: CSIRO
Output Group: - CSIRO

DEST Question No. E252_04 - FINAL

Senator Carr asked on 4 June 2003, EWRE Hansard page 321

Question:

Senator Carr : I would like to know which of those projects you regard as lesser priority. What I am looking for is a list of areas where you think this money can be found.

Dr Garrett – I am happy to provide that, after we have finished the detailed planning in our divisional areas and those operational plans are in.

Answer:

CSIRO has provided the following response.

Projects of lesser priority

Attached is a list of the broad areas of work which have been reduced in activity as we refocus our research into areas where we can build critical mass and have the greatest impact for the benefit of the Nation, consistent with the implementation of CSIRO's Strategic Plan and alignment with National Research Priorities. The information has not been supplied at project level because, with over 6000 projects active at one time, the CSIRO project portfolio is dynamic, with changes constantly being made. This gives the organisation the flexibility to change scope and direction without sudden and dramatic closures of large areas of work.

Active attenuation for noise suppression
Aerosol and cloud interaction
Agronomy research on the non-wetting sands in WA
Alpine and community ecology research in eastern Australia
Appropriation investment in QEM*SEM
Atomisation and sprays
Casting design and prototyping
Clay mineralogy in environmental remediation
Coastal trapped waves and associated GFD work.
Concrete engineering
Cyanobacterial toxins and algal physiology
Development of analytical techniques in separation science and spectrochemical analysis
Biotechnology research to improve leaf protein quality in subterranean clover for the wool industry
Lotus breeding for hostile soils in the meat and livestock areas of eastern Australia
Earth observation work
Edible coatings (reduced in horticultural areas, but continuing in meat areas)
Engineering ceramics and ceramic processing
Ferrous pyrometallurgy program
Fisheries production: stock enhancement
Food product development (reduction in applied work, value adding work continues)
Food science process modelling
Forest entomology
Genetic mechanisms of antibiotic resistance
Global atmospheric gas measurement
GM plants containing viral sequences for pest protection
High energy plasma processing
Hot dry rock activities
In-line rheometry
Industrial refractories
Inorganic polymers
Insect pathology
Insulin receptor signalling
Leather research.
Manufacturing operations systems
Meat quality
Medical effects of ultrasound exposures
New welding head design
Pasture weed seed bank research in WA
Processing of gallium arsenide (GAAS) microwave devices and circuits.
Rhizobium research for crops and pastures in eastern Australia
Software architectures & component technologies
Spatial information systems as a theme.
Structural biology of parainfluenza virus
Therapeutic development (therapeutic discovery continues)
Threatened and endangered species – refocus towards integration in agricultural lands
Total integrated systems demonstration
Wool biology