



## Green Loans Online Assessor for the Australian Government

### Project Summary:

The Australian Federal Government Department of the Environment, Water, Heritage and the Arts (DEWHA) is funding the \$170 Million Green Loans project. Green Loans is a new, high profile Australian Government initiative to help Australians tackle climate change. WSP's online team were appointed to provide the online platform to support the project.

### The Client's Challenge:

Green Loans was created to assist Australian families to install solar, water saving, and energy efficient products. Under the program, assessors will visit 70,000 Australian households to assess and report on the sustainability of their homes, and determine eligibility for government assistance to improve homes. The high volume of assessments combined with the vigorous approval process presented a challenge for DEWHA. An online solution was identified as the most effective approach to manage this process.

### Our Work:

In partnership with The Royal Melbourne Institute of Technology's (RMIT) Centre for Design, WSP developed the online platform for capture, calculation and recording of each household's assessment. The product features cutting-edge online technology for live reporting of household impacts, graphical guided wizard questionnaire with auto-saving and dynamic error validation.

To accurately quantify a household's opportunities for improvement, a large amount of information needs to be considered including lighting & heating, appliances, building construction and insulation for every room in the home. Our team created practical and easy to use assessor solutions for both off-line and web-based data capture. The assessor then submits completed assessments to DEWHA for final approval and delivery of eligibility certificates.

WSP's ability to present complex environmental information in a manageable and user-friendly manner ensures that the Green Loans assessment process is secure, quick and accurate.

### The Outcome:

The Green Loans Project will see Australia reduce their environmental impact by minimising greenhouses gases generated from operating the home. These reductions will take place through the encouragement of wide-scale improvements to energy and water efficiency in existing homes, sound advice given to households on how to reduce their impact and financial assistance offered to households from the government.

Announced in the recent federal budget and as a part of Prime Minister Kevin Rudd's 'Stimulus Package', this project will also create employment for thousands of assessors and an injection of funds into the construction and green products industries.

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