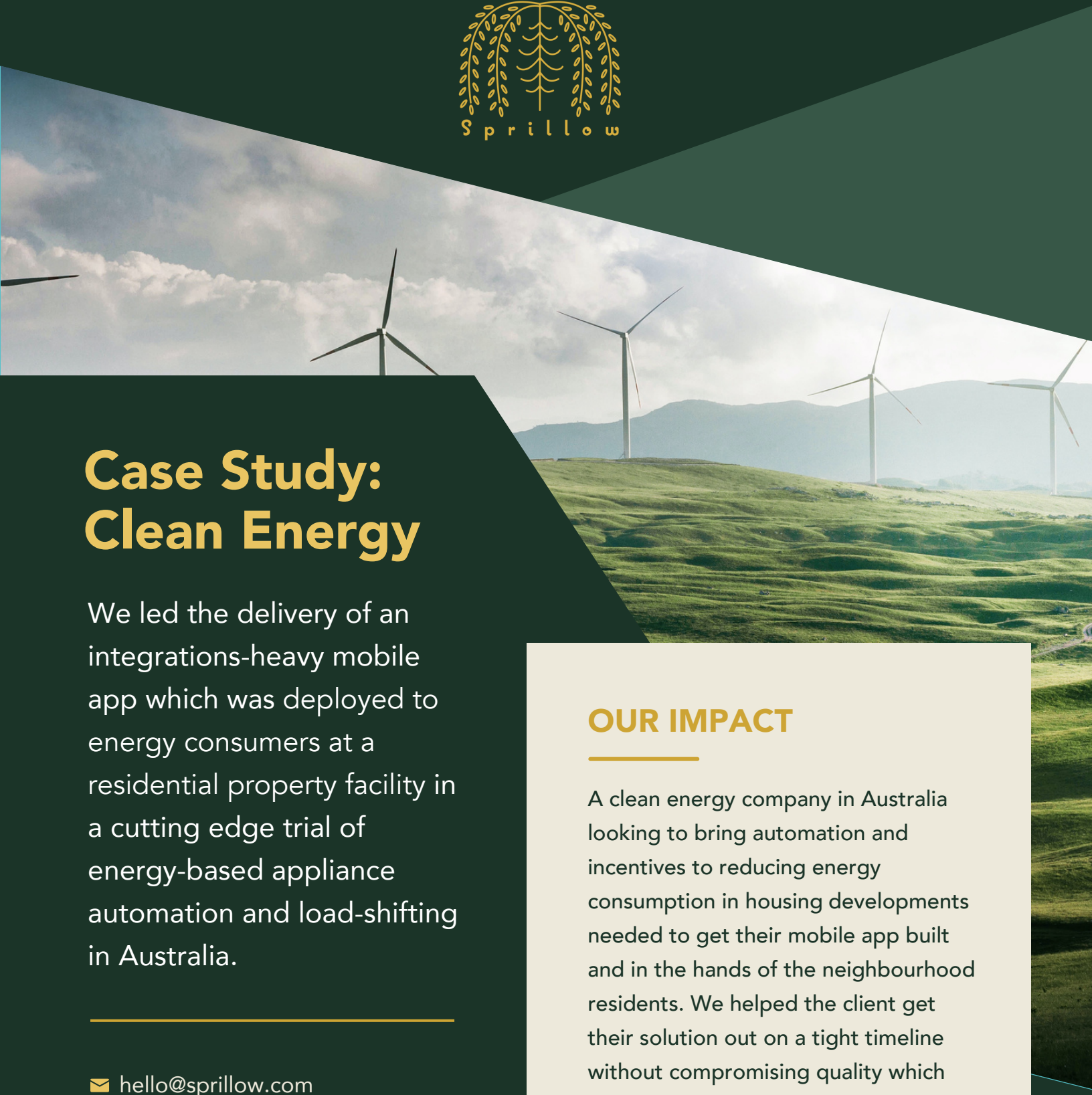
Sprillow



Case Study: Clean Energy

We led the delivery of an integrations-heavy mobile app which was deployed to energy consumers at a residential property facility in a cutting edge trial of energy-based appliance automation and load-shifting in Australia.

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British Columbia, Canada

OUR IMPACT

A clean energy company in Australia looking to bring automation and incentives to reducing energy consumption in housing developments needed to get their mobile app built and in the hands of the neighbourhood residents. We helped the client get their solution out on a tight timeline without compromising quality which resulted in their signing up 85% of the neighbourhood residents to their trial and ultimately assisting residents to save up to $430 a year.

We led and managed a multi-agency development team to take high fidelity designs provided by the client and architect and engineer the full stack application solution.

Up to $430
the amount the RedGrid Powers app helped participating residents save per year.

85%
of the property development neighbourhood residents signed up during the trial.

1.4 tonnes of CO2
eliminated thanks to integrations that we developed with smart home devices and realtime information from APIs describing the state of the electricity grid.

> **The Sprillow team's professional, thorough and engaged approach to working with us was a crucial ingredient to the success of this project.**
>
> - Sim Wilson, CTO, RedGrid

THE CLIENT'S NEED

RedGrid needed a steady hand to help take their design prototypes into production in short order. We delivered a suite of backend microservices, an API, and a polished mobile app connected to it, all built on a **fast, clean, robust and maintainable codebase** that they could use as a foundation for their business going forward.

OUR PROCESS

We worked together with the internal RedGrid team in a classic agile sprint cycle pattern. We handled the technical legwork of breaking down high level user stories into granular specifications, work outlines, and specific tasks, and then allocating developers across the team to appropriate areas. We applied our knowledge of information systems architectures to come up with one that would be durable and resilient, which was important due to the number of different integrations with external systems that the app implied. We leveraged our strong user experience centred practice on the mobile app itself to deliver high fidelity, pixel perfect and intuitive interactions across the Android and iOS experiences.