MERINO
SOFTWEAR COMPANY

Capability Statement
Smart Conductive Textile Solutions (SMART ePANTS) Research Program

The Merino Softwear Company is a small privately held research and development company specialising in wool innovation technology since 2015. We have researched and are developing smart solutions using natural wool fibre.

Textile Applications.
We have strong technical wool knowledge in design, yarn development in a wide variety of textile applications. Wool is a natural fibre that has many properties that lends itself to high tech industries for healthy solutions. Its skin friendly, easy care, fire resistant, soft to touch, requires less laundering and biodegradable. Wool is a conductive fibre that can work in many situations adding a natural advantage to smart textiles.

Our Partners
We use Lincoln University (New Zealand) and Ara Institute of Canterbury (New Zealand) for technical support and fibre development. We also have a composite program underway at Otago University (New Zealand).

Our Aim
To use our technical knowledge on fibre and fabric development for conductivity to work with and support other members of the team/project to help bring the project to life. We believe we can add value to the program with our technical fibre solutions add the required properties for the wearable garment.

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