

North of Scotland KTP Centre Case Study

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IVAN WOOD & SONS

The company's aim was to design and validate an innovative filtration system for the treatment of the waste generated by fresh vegetable preparation and to utilise the recovered waste products for new product development.

Challenge

New Waste (Scotland) Regulations prevent food businesses from disposing of food and starch waste in public drains, which prompted Ivan Wood & Sons to come up with a system for recovering starch before disposing of waste water.

Results

The project has resulted in the development of **Peel Tech**, an affordable, compact starch filtration system. In addition, the company has developed a high quality vegetable stock from the recovered starch.

Benefits

As well as ensuring the company meets its environmental and regulatory requirements, the project has created two new commercial opportunities: sale of **Peel Tech** to other businesses facing the same regulations and the development of a high quality vegetable stock to be sold as a new product to the food service industry.



"The project has provided an excellent example of how Abertay's interdisciplinary approach to research can provide solutions to real issues"

Dr Jonathan Wilkin, Abertay University

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IVANWOOD
and sons ltd
Quality & Service

"Working with Abertay has allowed the company to open many doors that were once closed" **Malcolm Wood**, Director, Ivan Wood & Sons



Winner of Innovation of the Year, Scottish Knowledge Exchange Awards, 2017

KTP Associate **Lee-Anne McGee** won the award for **Building Skills through Knowledge Exchange**