

Microbe Detection Goes Micro-Mobile for Seafood

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The entire Australian seafood supply chain has the potential to go “high-tech” according to the Australian Seafood Cooperative Research Centre (Seafood CRC) which will result in safer products for consumers.

PhD student Steven Cambridge from the University of Tasmania and the Seafood CRC will study the seafood supply chain in Tasmania with the objective of identifying and developing systems for tracking, tracing, monitoring and assuring quality.

Steven said, “The systems to be identified and trialled are essentially small, hand-held mobile data storage devices called micro-mobile information systems. These devices will enable us to predict microbial growth patterns”.

Associate Professor Paul Turner from the University of Tasmania who specialises in information systems said, “What makes this research project so exciting is it will stimulate and support innovation in supply chain logistics which will improve product integrity, quality and safety from the coast right through to the cuisine”.

This project also has the potential to provide real support for logistics managers to respond to new challenges of consignment management and enhance their knowledge and responsiveness to consumers.

Another benefit of the project will be genuine feedback to producers, growers and processors about product contamination and microbial infection post-harvest.

Industry will play a major role in the project which will create ownership of the identified best information system for seafood, enabling speedier adoption of the technology into businesses.

The Australian Seafood CRC is established and supported under the Australian Government’s Cooperative Research Centres Programme. Other investors in the CRC are the Fisheries Research and Development Corporation, Seafood CRC company members, and supporting participants.

For more information on the project and to arrange an interview (and visuals), please contact: Mr Steven Cambridge (University of Tasmania and Seafood CRC PhD Student) – steve@cambridgeit.com.au Phone 03 6433 3715 (0418 522 181).

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