

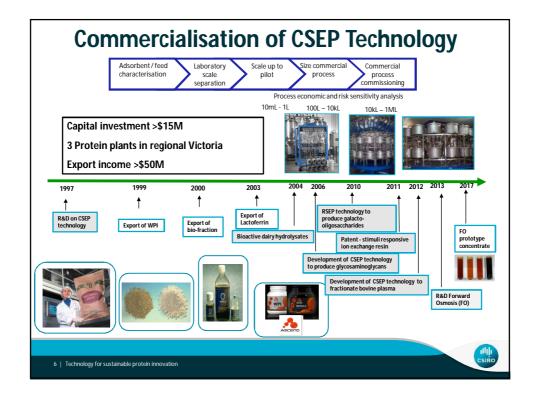


Barley Hordein reduced >10,000x 56,000ppm to 3-5ppm

WHO *Gluten-free* target ≤ 20 ppm

CSIRO: Larkin & Howitt, 2017

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Membrane separation

Membrane processing adds value through the fractionation and concentration of bioactive and functional compounds.





Green leaves may contain a significant amount of protein: broccoli, moringa, cassava, spinach leaves contain ~27 to ~41% protein.



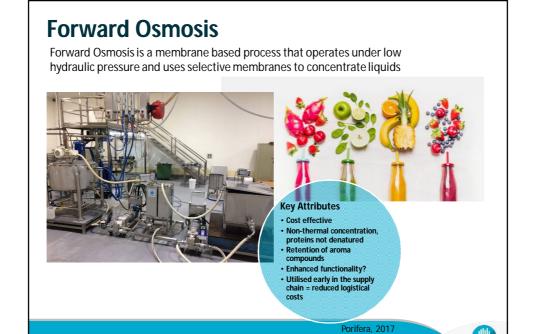
Key Attributes

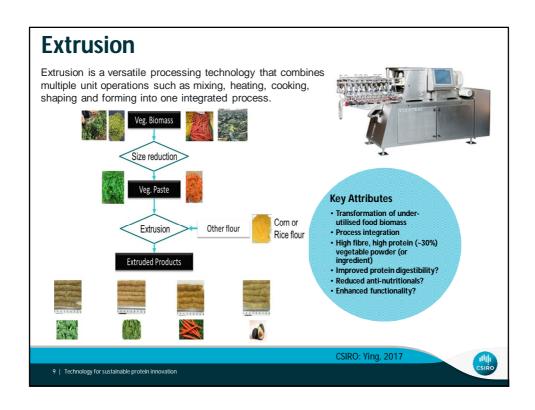
- Relatively simple and accepted method commercially
 Separate proteins from other macro- and micro-nutrients and concentrate
- Long history of safe use
 Make use of on-farm waste to
 obtain underutilised protein
 ingredient.

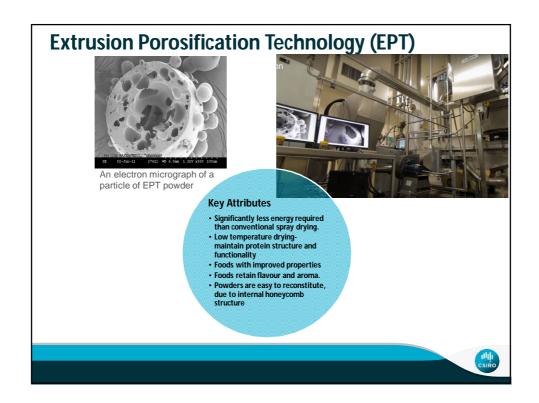
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The conversion of protein sources to ingredients • Process development • Scale and cost • Functionality • Sustainability • Application • Customised combinations

