



Session	Start-ups/SMEs looking for Finance: pre-seed/angel/seed funding
Title	PhytoSource®: Polyphenol-rich bioactive ingredients
Company	AgriFoodX
Speaker	Graham Bonwick
Keywords feedstock (max. 2)	Agri-food, by-products
Keywords technology (max 2)	Fermentation, encapsulation
Keywords End-Product (max 2)	Probiotic, Postbiotic
Abstract:	
European farmers and food processors generate over 1 million tonnes of agri-food by-products each year, much of which is disposed of through anaerobic digestion, incineration or landfill, at a cost to the businesses. AgriFoodX has developed valorisation methods based on fermentation of plant-based by-products that produce the PhytoSource® range of shelf-stable, bioactive-rich materials. These have been used as food ingredients for formulation of added value functional foods and supplements. Additional applications include animal feed additives to improve health and welfare. Residual materials have also been used in packaging and biocomposites to reduce carbon footprint and ultimately zero waste. Secondary fermentation can also be performed to produce a range of solvents and platform chemicals. Valorisation of agri-food by-products reduces waste disposal costs and the carbon footprint of food processors, whilst potentially creating an additional revenue stream. AgriFoodX is looking to scale up production and build market presence, with a view to operating in a B2B capacity and is presently in discussion with a large UK supplements manufacturer.	