Technology Strategy Board
Driving Innovation

Results of competition: Digital and creative Launchpad - combined scores

Total available funding for this competition was £900,000 from the Technology Strategy Board.

Note: These proposals have succeeded in the assessment stage of this competition. All are subject to grant offer and conditions being met.

Participant organisation names	Project title	Proposed project costs	Proposed project grant
Axis Productions Limited (Lead)	Game engine animation	£171,935	£60,000

Public description
Our aim is to R&D the creation of an integrated pipeline based on the use of real-time video-game engines. This will increase the potential range of work we can undertake and additionally allow us to deliver work at lower costs, over shorter timescales and with easier iteration.   The project outcome will provide a unified set of tools, methods and processes allowing us to fully integrate our core services with multiple third party and bespoke real-time game engines, and to retain and expand our customer base, opening up new markets whilst protecting our current hard won revenue base.

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
Connect-In Limited (Lead)	SmartTAG	£100,000	£60,000

Public description
Connect-IN Ltd is a wireless software solutions company which specialises in proximity monitoring devices and techniques. The first product in the Company's SmartTAG product pipeline is a key-chain device to track phones and keys. Connect-IN's key-chain can last between 6 months to a year on standard coin cell batteries depending on the amount of usage, and close to 2 years for other form-factor tags. Current Competitor products have a battery life of days/a few weeks. By 2014, the business seeks to offer other miniaturised versions of the tag to track everyday objects such as glasses, wallets, etc. and be small enough to fit inside objects such as Games Control Monitors. All of this activity will be based on Connect-IN's emerging Asset Tracking & Proximity Monitoring technology Platform. The platform finds usage in Access Control, Resource tracking in enterprises, protection against theft/ loss of devices that contain valuable data such as laptops, iPads and other portables, to inventory control and management based on asset tags.

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CTU (Scotland) Limited (Lead) University of Strathclyde	Interactivity - stage to screen	£116,207	£59,031
Public description			
'Interactivity - stage to screen' is a training resource. It takes existing live debate and discussion around workplace mental health online. Delivering 3 punchy e-learning sessions, it will create a positive change in attitude and an increase in empathy between colleagues at work. You'll feel better for it. Using drama and reconstruction, it will bring work place issues to life exploring options and reaching solutions. Our aim is to make work a better place to be - a place in which people are happy, healthy and productive.			

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Dimensional Imaging Limited (Lead)	High definition head mounted facial performance capture	£109,472	£60,000
Public description			
Dimensional Imaging has developed a highly novel and proprietary facial performance capture solution ("DI4D™") that requires no special markers, make-up or structured light. By capturing dense "3D scan" data at 60fps and then tracking a fixed topology mesh through the resulting 3D scan sequence, the system provides much higher fidelity than traditional facial motion capture systems that track discrete dots. The current "sit down" system uses a bank of high resolution video cameras to capture a single performer who sits in front of the system and must keep their head and body relatively still. The aim of this project is to develop the system to use head mounted cameras which will allow more freedom of movement and allow multiple performers to be captured simultaneously. We believe that this will result in a world leading system that is capable of meeting the requirements of next-generation video-game development as well as VFX for television and movies.			

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Distrify Limited (Lead)	TV apps	£94,541	£55,000

Public description
60% of film viewing still takes place on the living room television. Distrify needs to research a suitable suite of functionality and the technological development required to build suitable connected TV and set-top box apps to bring our transactional mechanism into the living room, thus accessing a large and growing market.   To research these commercial opportunities we will construct basic apps for at least two relevant devices, working closely with key clients to address their expectations and examine how best to integrate the apps with our backend.   This project is commercially and technically innovative as it bridges the gap between the connected world and the living room to an extent never achieved before.

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Front Page Limited (Lead)	Immersus by Front Page	£101,605	£60,000
Public description			
'Immersus' is an innovative suite of e-learning technology developed by Glasgow-based digital agency, Front Page. It will provide a new generation of e-learning built around rich immersive experiences and emerging learning standards. It will deliver highly engaging brand and product experiences that are the next best thing to experiencing the physical environment or products themselves. Stemming from an award-winning bespoke platform, this new system will extend this successful e-learning model to a broader audience and across multiple devices, including mobile, social media and tablets.			

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Market App Limited (Lead)	Market app	£138,028	£60,000

Public description
We are developing a portal for grocery and fresh products in wholesale markets. This will introduce the benefits of information technology that are relevant to this industry in an easy-to-use format which removes the barriers to uptake. For the first time it will be possible to see what is available from a large range of fresh producers and wholesalers in your local market virtually on your mobile phone. The system provides costs, images of the products and gives detailed descriptions of quality and provenance. The introduction of this disruptive innovation has the potential to change independent food supply chain ordering systems. We will bring variety and real choice back to the consumer. Wholesalers and producers gain new ways to market and promote their products. Information technology is built around their needs simplifying and automating processes rather than using generic software. This reduces the barriers to uptake giving them a greater understanding of the trends of their customers and their own businesses and a new channel for sales. In addition we will be researching the opportunities to improve delivery behaviours promoting the consolidation of orders which have the potential to bring about environmental improvement.

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Participant organisation names	Project title	Proposed project costs	Proposed project grant
Screenmedia Design Limited (Lead)	Field capture	£100,000	£60,000
Public description			
Screenmedia is a mobile-first digital technology and design practise based in Glasgow. The company specialises in user experience design for web and mobile app products and services. Their Field Capture project aims to research and develop a cross-platform web and mobile app framework. The innovation comprises the research and development of 3 core technology components, essential for an effective end-to-end field data capture solution. This will include Dynamic Document Data Source, Mobile App and the solution API.			

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Stem Cloud Limited (Lead)	StemCloud	£59,295	£25,500
Public description			
The project will combine advanced audio engineering and web development to create new technologies that will facilitate a ground-breaking online service for music producers.			

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Streamba Limited (Lead)	Streamba	£100,000	£60,000

Public description
Streamba is developing a cutting-edge cloud based, flexible data collection system, heuristics prediction engine and device independent communication technology with the aim of implementing new innovative ways of improving information flow within the energy sector. We are building a platform on which all future projects will benefit from inherent interconnectivity, enhanced overall data visibility, advanced predictions and intelligent real-time alerting the likes of which has never been attempted in this sector before. The engine will allow us to build customised products for existing and future customers while focusing on business requirements instead of technical complexity.

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We Are Snook Limited (Lead)	Snook digital	£129,213	£60,000

Public description
Service Design is all about making the service you deliver useful, usable, efficient, effective and desirable. Snook are Scotland's leading Service Design agency, spending the last three years working across the private, public and third sector using a consultancy model. Snook's work is attracting interest from all over the globe; from Australia to Taiwan and The Netherlands. However, the team at Snook are Scotland enthusiasts and are determined to expand their business in Glasgow. Snook believe that bringing service design in-house is a much more resourceful and impactful way to work rather than bringing in consultants. This is where Snook Digital comes in. Snook Digital enables leading organisations all over the globe to engage with Snook and their services via a digital platform. Snook Digital supports organisations to build an in-house Service Design capability which will support them to build products and services with their customers throughout the research and development process. Furthermore, it will support organisations to build a culture of innovation by skilling up their staff with design skills and encouraging cross organisation projects which align with the company's strategic and corporate aims. This project has the potential for Snook to increase their business reach and number of clients, as well as enhance their current offer and provide leading research on taking design consultancy online.