

#	PRODUCT OPPORTUNITY	CATEGORY
1	- A product opportunity exists for a novel refrigeration unit based on air cycle technology which will give the most benefits in either the food processing world where the combination of chilling and heat is required – OR something like refrigerated transport trucks where you could effectively run the technology off the trucks diesel engine and it can withstand all the knocks and bumps from the road without breaking down.	Agri-Food
2	- A product opportunity exists which relates to the manufacture and distribution of a kiosk, in the shape of a coffee cup, 2 meters in circumference which would be a stand alone take away sales point for a range of coffees and related products. Whilst competition exists in the form of various mobile coffee sales points, we have not identified any competitors who offer such semi-permanent, highly visible and easily branded offerings. The mobile operators have a number of strengths, including capacity for greater throughput (more than 1 staff member), greater mobility, possible self-sufficiency in terms of storage. The business proposition is to initially target the UK and Irish market, followed by international roll out.	Agri-Food
3	- A product opportunity exists which relates to a product which will help prevent accidental or malicious slurry spills from above-ground slurry tanks	Agri-Food
4	- A product opportunity exists which relates to a hi-margin fermented alcohol beverage product with niche export market channels focus. Growth potential rising to €2.7 m sales volume at end Yr 5 based on very conservative targets with low level of capex at start-up and low levels of ongoing capex as business grows incrementally.	Agri-Food
5	- A product opportunity exists for a security system, targeted at two distinct market segments being livestock and machinery & valuables protection. The product work as follows: Animal Protection: A transmitting collar around the animals' neck sends data to a centralised receiving unit within the paddock range. The receiver monitors data on an ongoing basis, sending an SMS via an integral GMS to the appropriate livestock manager. Animal temperature, movement and walking speed could also be monitored. Equipment Protection: A system transmitter emits a rolling code signal to a range of units within the vicinity, each of which has an anti-theft protection receiver to receive the signal. An LCD screen on the transmitting unit confirms all units are within range and receiving a signal. In the event that a product is taken the integrated software goes into theft mode, cloaking the integrated software in the protected device, effectively rendering the device useless unless reset via the website.	Agri-Food, Safety, Software
6	- A product opportunity exists which relates to the testing, modification and commercialisation of a portable device to assist anyone, but particularly older people and those suffering an infirmity, be it temporary or permanent, to start a pull cord engine.	Safety, Domestic
7	- An opportunity exists which relates to a life saving device shaped much like a light bulb, with a dome shape on one end that tapers to a smaller cone shape at the other end. The purpose of the device is to attract the attention of passers by, people in the water or search and rescue teams as effectively as possible. This device allows for search and rescue teams using infrared cameras to spot a person in trouble much more easily, especially on a sunny day. It is activated by water contact.	Safety
8	- A product opportunity exists for a new type of sink waste fitting which is an innovative alternative to the traditional waste outlet for kitchen sinks. It removes the need to disconnect the waste outlet from the sink and associated plumbing to allow for easy cleaning, thereby reducing the build-up of residue that can cause unpleasant smells. A working prototype has been developed by the inventor and has been tested successfully on a limited scale in a domestic environment. Patents have been granted for UK, Ireland, France, Germany, Turkey, USA and Australia.	Domestic
9	- A product opportunity exists which relates to a product developed as a series of teaching tools to help the "Can't Cook, Won't Cooks " aimed at the US, (over 38% can't cook more than Bean on Toast) to start, however it will translate very easily to all. It is based on how we think, learn and explore everything about food in the simplest possible way, no recipe has more than 3 steps. It focuses especially on cooking and related health issues on a low budget. It is App based, TV friendly and there is also a cook book with recipes.	Domestic, Software
10	- A product opportunity exists which relates to a cradle to grave cloud based Contracts Lifecycle Management system software application, to include contract drafting capability, digital signing, process management, tracking and remote cloud storage.	Software
11	- A product opportunity exists which relates to a mobile software application, which will provide a digitised document management system for small construction companies and sole traders in the area of contracts and other on - site documentation. The offering will facilitate cloud based storage, real time reporting and remote access for all relevant site operatives and managers.	Software
12	- A product opportunity exists which relates to a product which will educate employees at all levels, from the board right through senior and mid-level managers, to understand risk management as it applies to their own firm. Enterprise Risk Management (ERM) has arisen as an effective discipline for organisations seeking to achieve satisfactory returns in this era of greater uncertainty. The idea is to train business execs and employees in ERM via an online business simulation thus helping to embed ERM by breaking down traditional organisational barriers and silos of operation such that a holistic and systematic approach to risk management can be effectively deployed throughout the organisation.	Software
13	- A product opportunity exists for a novel hologram which is sensitive to changes in pressure on its surface. The technology is currently licensed out for anti-counterfeit products but has other applications in life science, electronics, or tactile pressure sensing, where changes in the surface can be used to create a sensing reaction.	Software
14	- A product opportunity exists for a design-led, attractive, lightweight, retractable barrier with embedded directional LED lights and a completely reflective front surface. The device is man-portable and can be quickly deployed in any situation where the emergency services require traffic to be directed away from the scene of an incident.	Transport, Safety
15	- An opportunity exists for the manufacture and sale of a "Car Breakdown Assist"; an electro-mechanical device designed to enable broken down cars to be moved short distances. The aim is to create a device which can be easily used by one person, but which gives greater control and improved safety aspects over existing products on the market. To move the vehicle, the mechanic attaches the device to one wheel of the car, then sits in the vehicle and hits the remote control. The vehicle moves forward or reverses at a rolling pace while the driver is in full control of the steering. When in its final resting place the remote control is hit again to stop the car. The overall market for such equipment includes commercial garages, car showrooms, car breakdown assistance organisations such as AA, vintage car enthusiasts involved in repairing and upgrading cars in home garages etc.	Transport, Safety
16	- A product opportunity exists which relates to the design, manufacture and sale of a Man Overboard (MoB) boarding product for boats (leisure and trawler) which will offer significant advantages over the standard ladder or step offerings currently on the market. This product can also be used at piers, marinas and harbour side areas.	Transport, Safety
17	- A product opportunity exists which relates to a piece of street furniture allowing for ease and regulation of cycle parking preventing the cycle from falling over and preventing/detering theft.	Transport
18	- A product opportunity exists which relates to a bicycle pedal designed to improve the efficiency of bicycles by reducing the effort required by the cyclist to propel the bike. This will allow the cyclist to travel further distances with less effort. Early testing has indicated an efficiency gain of between 30-40% over a standard bike pedal which would appear transformational to cycling. pending further testing. * There is a pipeline of innovative cycling related product opportunities from this idea generator.	Transport
19	- A product opportunity exists for an advanced surface treatment for the protection of surfaces against corrosion and combined wear/corrosion (Tribocorrosion) degradation. It can be used as a pre-treatment for corrosion protection in the aerospace and automotive industries and can be used as a sealant on any conducting surface including metals.	Chemical
20	- A product opportunity exists which relates to an effective 100% natural antibacterial fluid for surfaces. It is a new natural antimicrobial coating that works specifically to eradicate bacteria and cross infection, using non-aggressive, natural ingredients. The coatings work in seconds on contact with bacteria to prevent cross infection.	Chemical, CleanTech
21	- A product opportunity that exists which relates to the design, manufacture and sale of a marine oil spill clean-up technology which would utilise a modular system for removing oil from water in the event of an oil spillage. The product will be portable, capable of rapid deployment and mountable on existing carrier vessels owned/operated by an operator.	Cleantech
22	- A product opportunity exists which relates to the commercialisation of a solar thermal tracking mechanism which will incorporate a patented safety mechanism to prevent overheating in the event of excess solar radiation from the sun. There are a number of competitors in the market, many of whom concentrate on the commercial PV sector. The idea owner hopes that the product can be licensed to a company or entrepreneur operating in the solar thermal area, an area where less competition is evident. A key reason a customer would choose to buy this offering would be to attain greater efficiencies, in terms of heat generation from their thermal solar system. Preliminary tests would indicate that efficiencies of the order of 46% can be expected.	Cleantech
23	- An opportunity exists for a non-mechanical gravity-fed pellet burner that is coupled to a specially designed boiler to produce cheap and clean hot water for domestic use and home heating. The burner and boiler combination are stand alone, i.e. they do not require power to drive fans or pumps. Combustion is expected to exceed 90% efficiency and ash production is minimal.	Cleantech

24	<p>A product opportunity exists to develop and commercialise a wheelie bin casing which will both secure a wheelie bin to the wall and also ensure that it remains locked when not in use. The problem of fly tipping &amp; bin theft coupled with the risk of wheelie bins falling over and opening in windy conditions are a cause of considerable concern to individual wheelie bin owners across Britain, Ireland and much of Europe. This product has a dual offering of securing the bin and keeping it locked. There are a number of competing products on the market, each of whom appear to offer one of the attributes offered by this product but not both.</p>	Engineering
25	<p>A product opportunity exists which relates to the commercialisation of an innovative Tug of War machine. The product (for which a prototype has been developed) will offer a considerable range of additional features relative to what is currently available, including; reduced space requirement, facilitating easier deployment; integrated software to facilitate data analytics for clubs &amp; participants, scope to facilitate real time remote competition, competing teams on the same platform, safer than the current gantry &amp; weights product offering, speed facilitating competition, easier weighing in process than current individual weighing need. aesthetically pleasing. This product has suitable software incorporated which offer scope to introduce a 'handicap' system, whereby teams of varying weight, size, gender and ability can compete against each other in a more inclusive manner than at present.</p>	Health & Fitness
26	<p>A product opportunity exists which relates to the commercialisation of a system which retrofits to any condensing boiler using any fuel and provides a stream of dried air while improving the boiler efficiency and reducing the NOx emissions of the boiler. The system removes excessive moisture in the home, thus solving damp/mold problems and the health risks of high moisture in the home environment. The dry air stream may be used for other purposes e.g. to dry laundry.</p>	Cleantech
27	<p>A product opportunity exists which relates to the commercialisation of a temperature controlled organ housing system to be used during transportation of small human organs (primarily kidneys), in a manner that prevents organ freezing damage, allows for longer transit times and facilitates an appropriate data feed during transportation.</p>	Medical Device
28	<p>A product opportunity exists which relates to a device which helps meat processing operators to lift , separate and slice cattle stomachs. It makes it easier for them to separate the animal parts as well as cut them in half. The machine reduces the workload so the operator can do more . It has the potential to reduce the workload by 30% but also increase the yield as all the parts can be processed easier and quicker so they can be used for non edible and edible use instead of going to rendering.</p>	Agri-Food