

## EXAMPLES OF EU FUNDED PROJECTS

Don't get too hung up on the long project names or acronyms – look at the financial side, the work to be tackled, and the other partners involved in each project as examples of the sort of groups you could end up working with on a longer term basis. It can be very exciting and profitable, leading to new contacts within Europe and beyond and leading to a build up of knowledge – wouldn't it be nice to have a share in the Intellectual Property Rights for CleanHand below? You can profit longer term from technology transfer and increased business and contacts to lead to larger markets.

### PREVIOUS EU FUNDED PROJECTS

#### **Project: CLEANHAND**

*Preventing 10,000 European hospital deaths by securing efficient hand disinfection.*

Each year 2.8 million patients infected in European hospitals. Hospital infection deaths have doubled in 40 years. It is estimated that at least 10,000 people die from hospital infections in EU annually. This will be prevented by development of an Automatic Hand Sanitizer that disinfects hands of nurses, doctors, staff, patients and visitors in Hospitals within 5 seconds, cost efficiently ensuring repeatable, reliable and high-quality hand disinfection, independent of the users behaviour.

**Overall budget:** €1.1 million      **EU Contribution:** €555,952      **Duration:** 24 months.

**Irish Partner:** No Irish partner – someone in Ireland missed out here.

**Other Partners from:** Austria, France, Norway, Poland, Belgium and UK.

#### **Project: WAPSCIENCE**

*Wastewater Treatment Plant Improvement by Smart Sensors and Computational Intelligence.*

This improves the efficiency of municipal and industrial wastewater treatment plants at comparatively small costs by developing a robust, smart, low cost on-line-sensor for the measurement of the concentration of nitrate and ammonia. This will include a self-adaptive system to identify problems and generate warnings about malfunctions of sensors and control circuits

**Overall budget:** €1.01 million      **EU Contribution:** €754.200      **Duration:** 24 months.

**Irish Partner:** Anord Control Systems Ltd , Dublin, Ireland

**Other Partners from:** Belfast N. Ireland, Germany, Netherlands and Greece

**Project Title: DISBLADE**

*A new concept for the hardening of polymers for production of disposable surgical blades which do need to be sterilized.*

This project will enable the partners to capture at least 0.1 % of the €9.8 billion per annum market for imported medical technology and devices and to substitute into at least 0.20/% of the European market of €39 billion p.a. for existing medical technology and devices by 2012. This will be achieved by developing a process for the manufacture of disposable polymer surgical blades with the performance properties of steel.

**Overall budget:** € 1.25 million    **EU Contribution:** €640,222    **Duration:** 24 months.

**Irish Partner:** CLARE-PAK LIMITED Annacotty Industrial Estate IRELAND.

**Other partners from:** Denmark, U.K., Czech Republic, Norway and Italy.

**Project Title: TURBOWASH**

*Mobile System for Washing Construction & Demolition Waste.*

This project will develop a mobile washing system of 15,000 litre capacity with many novel features to receive and process waste streams including crushed building and roadway rubble. Recovery of Construction and Demolition Waste is a pressing need in Europe to reduce landfill and aggregate extraction costs whilst providing resalable commodities in the form of top soils, metals and aggregates.

**Overall budget:** €1.38 million    **EU Contribution:** €716,782    **Duration:** 24 months.

**Irish Partner:** KMC Engineering Ltd, Dungannon, Co.Tyrone and Redhills Engraving Ltd.

**Other Partners from:** UK, Norway, Denmark, Belgium and Czech Republic.

**Project Title: ALAMO**

*Innovative high performance anodised aluminium moulding tools for the thermoplastic processing sector to achieve competitive advantage.*

Aluminium mould tools for thermoplastic processing are popular because of lower cost, reduced cycle times, reduced lead times and reduced energy cost. But their growth is limited by problems with corrosion, wear and abrasion resistance. This project will produce a treatment for aluminium surfaces that can make possible the production of aluminium tools with wear resistance better than that of steel. This project will develop innovative aluminium mould tools for Injection moulding, blow moulding and rotational moulding.

**Overall budget:** €1.4 million    **EU Contribution:** €725,024    **Duration:** 24 months.

**Irish Partner:** PPA Teo, Carraroe, Co Galway

**Other Partners from:** Belfast, UK, France, Spain and Germany.

**Project: MEDI-VOICE**

*A Low Cost, Environmentally, Friendly Smart Packaging Technology to enable European SME Suppliers to Service the Needs of the Blind, Illiterate and Europe's Aging Population.*

Printed instructions are meaningless to around 20% of the European Population. This figure, combined with the 8 million registered blind and partially sighted as well as the ever increasing aging population is contributing to the 194,500 deaths a year in the EU due to miss-dose and non-compliance of prescribed medication. Non-compliance is estimated to cost the European Union €125bn annually. We plan to enhance our speech technology by incorporating it into Pharmaceutical blister packaging through novel manufacturing to give spoken dosage instructions.

**Overall budget:** €1.33 million    **EU Contribution:** €686,562    **Duration:** 24 months.

**Irish Partner:** Megavoice Ireland Limited, N. Ireland

**Other Partners from:** Switzerland, Finland, Poland, Austria, UK and Spain

**Project: UCIM**

*User-Centred Innovation for manufacturing: Roadmaps for Development.*

The project aims to provide intelligence on a core challenge to European manufacturing identified by Foresight studies: the transition to a User Centred Innovation mode. This intelligence will support in planning future activities to address this challenge. The project will develop a set of roadmaps outlining various elements to be incorporated by manufacturers to exploit User Centred Innovation. The roadmaps and associated information will be provided in a highly vivid format suitable for dissemination and discussion.

**Overall budget:** €325,000    **EU Contribution:** €325,000    **Duration:** 15 months.

**Irish Partner:** Nagueles Ltd., Centre for Knowledge Exchange, Dublin.

**Other Partners from:** Netherlands, Austria, Finland and Belgium.

**Project: EMPOSME**

*Enterprise Modelling and Performance Optimisation*

This consortium will develop and implement an Enterprise Modelling and Performance Optimisation (EMPO) tool. EMPO will integrate Enterprise Modelling and Enterprise Optimisation so that the decision maker can rapidly identify the risk/reward position of any choice he has to make vis-a-vis a suite of defined key performance indicators. It will include an Enterprise Performance Manager to enable the practitioner to Specify, Evaluate, Diagnose and Improve Performance outcomes.

**Overall budget:** €1.69 million    **EU Contribution:** €871,204    **Duration:** 24 months.

**Irish Partner:** Burnside Eurocyl Ltd., Co. Carlow, Tippto Intl Ltd, Tipperary, Manopt Systems Ltd, Limerick, UL and UCC.

**Other Partners from:** UK, Denmark, Germany, France and Czech Republic.