

ELICiT

Environmentally
Low Impact
Cooling
Technology



**THERMAGVI,
VICTORIA, BC**

9TH SEPT. 2014

WHAT IS THE ELICIT PROJECT?

ELICiT “environmentally low impact cooling technology” is a European Union seventh framework programme for research (FP7) and focuses on the application of magnetic cooling technology to domestic refrigeration appliances.

The 3 year research project, begun in January 2014, will help efficient gas-free magnetic cooling move from a laboratory scale technology to a high-volume marketable product.



PROJECT PARTNERS

- Whirlpool
- Camfridge
- Re/gent
- TCS Micropumps
- S.C.I.R.E
- Politecnico di Milano
- Cemafroid
- PSU Tec
- IIR



THE ELICIT PROJECT: OBJECTIVES

MAGNETIC COOLING IS CONSIDERED IN ITS ENTIRETY, AND THE COMPLETE MAGNETIC COOLING SOLUTION AS AN INTEGRATED APPLIANCE. WILL BE OPTIMIZED

TO ACHIEVE THIS THE PROJECT FOCUSES ON 4 KEY ASPECTS:

- **LIFE CYCLE OPTIMIZATION** – TO PROVIDE PRODUCTION, COST AND ENVIRONMENTAL DATA TO AID SYSTEM OPTIMIZATION AND INFORM DECISION MAKING
- **SYSTEM OPTIMIZATION** - TO EVOLVE A SOLUTION THAT IS PRODUCTION SCALABLE, EFFICIENT, COST-EFFECTIVE AND ENVIRONMENTALLY FRIENDLY
- **BENCHMARKED VALIDATION** – TO ESTABLISH THE ENERGY EFFICIENCY CREDENTIALS OF THE TECHNOLOGY
- **REGULATIONS AND STANDARDS** – TO ENSURE THE TECHNOLOGY COMPLIES WITH EXISTING REGULATIONS, AND TO ESTABLISH HOW THE NEW TECHNOLOGY WILL FIT INTO STANDARDS

**REGISTER ON THE WEBSITE
TO RECEIVE E-NEWS**

elicit-project.eu



#MagneticCooling

