

## Partner Search for Eureka Project Proposal

### CONTACT DETAILS

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### SEARCH REQUIREMENTS

MAC Ltd is a Product Design and Development company based in Ireland. We are currently actively looking for a participating partner for a planned Eureka proposal. The partner sought is one that has a strong presence in the electricity utility marketplace and has a strong interest in growing and expanding its existing product offering into this sector.

#### ***Proposed Project:***

The acronym for the proposed project proposal is '**GridWatch**'

**'GridWatch'** - a family of wireless monitoring product that aims to address world-wide power utilities' demand for cost effective comprehensive real-time information to monitor, manage and improve the performance of low and medium voltage distribution networks on the Power Grids.

**GridWatch** will provide immediate outage detection, outage location information, control and restoration notification so that utilities can more effectively manage their outage response. GridWatch will be an essential component of building the "Smart Grid" or "Intelligent Grid" of the future, and in many respects will provide the "sub-SCADA" component of "Smart Grid". Timely access to detailed data, coupled with monitoring and control technologies such as positive outage notification and remote disconnect capability, are seen as important capabilities to utilities building tomorrow's "Smart Grid".

#### ***Main Objectives and Research Results Sought:***

A family of 'real-time' wireless monitoring product that will address the world-wide power utilities' demand for cost effective comprehensive real-time information to monitor, manage and improve the performance of low and medium voltage distribution networks on the Power Grids.

***Innovative Aspects:***

A key element of GridWatch will be the application of a patented current and voltage sensing technology. This technology will enable much greater accuracy measurement of the current and voltage in power lines and is an innovative progression from the more conventional measurement approach of magnetic wire wound coil combination.

A low-cost, low-power, real-time wireless sensor network platform solution.

***Main Advantages (Impact):***

**GridWatch** will provide immediate outage detection, outage location information, control and restoration notification so that utilities can more effectively manage their outage response.

**Partners Role:**

The specific role for this partner is to be responsible for the sales and marketing of the product solutions developed by the proposer. The SME must be an existing supplier into the electricity utility sector with a strong track-record of delivering product solutions into this sector.

Such a partner would have a strong interest to grow and expand its existing product offering into this sector. The capacity to reach a global market is a strong advantage. A partnership agreement will be drawn up prior to the project that will detail the business agreement.

The required skills and facilities are sales and marketing into the electricity utility sector. The role for this partner is described above and also to assist in agreement of the product requirements and end-used needs of the electricity utility sector.

Please feel free to contact Connor O'Reilly at [c.oreilly@mac.ie](mailto:c.oreilly@mac.ie) as early as possible to discuss the opportunity.