



CELTIC-EUROGIA Proposers Day



29th January 2020, at Nokia Premises in Madrid

DSTS Sensing for Green Energy applications



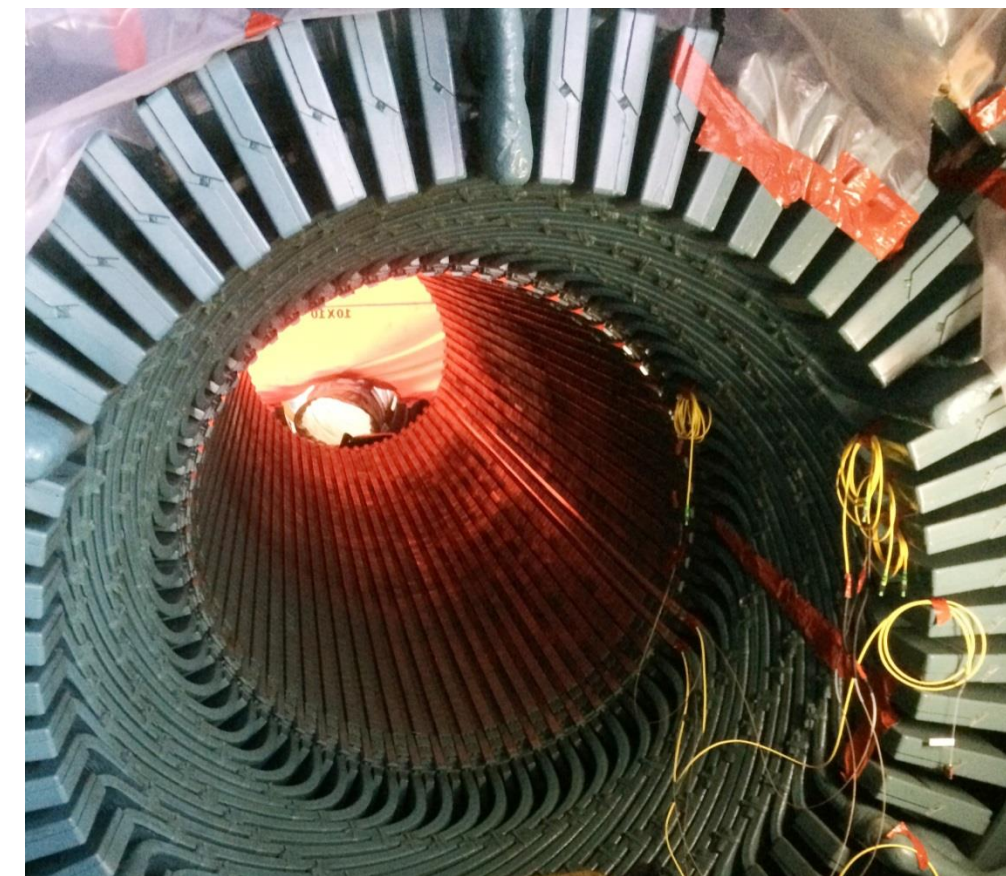
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Teaser



Brillouin scattering technology is already used in multiple applications and industry sectors: Smart Power Generators, Transformers, OPGW, Pipelines (various), Refineries, Structures, Intrusion detection, Fire detection, Bridges, Tunnels and more.



Organisation Profile



eurogia²⁰²⁰



Company founded in 1985

- Corporate headquarters located in Ottawa, Canada;
- Manufacturing facilities in Ottawa/Canada, Izmir/Turkey, and Jiaxing/China
- Seven Product Groups: Laser-to-Fiber Delivery Systems, High Power Fiber Optic Components, Polarization Maintaining Products, Attenuators, Opto-Electronic Packaging, Test Equipment, Fiber Optic Sensor Systems
- Sales offices in Canada, USA, Europe, Turkey and China



Proposal Introduction



- We are looking for a partnership with other companies like integrators as well as the end customers to participate in the new projects involving strain and temperature monitoring of the new sources of the power generation, its storage and transportation.
- Providing a quick and reliable system for prevention of potential catastrophic failures, safety to the health and to the environment.

Proposal Introduction



CELTIC-NEXT

eurogia²⁰²⁰



Potential deployment and prove of concept of using DSTS for the following power energy sectors:

- Wind farms
- Solar
- Hydro
- Geothermal
- Hybrid power



Partners



OZ Optics supported a number of projects in cooperation with partners in following areas:

- Distributed Temperature Sensing in Power Generators in cooperation with Calpine
- AFL, AT&T, Oceaneering- optical cable monitoring projects
- Tencate, GDS Instruments- Structures, Civil Engineering projects
- Southwest Research Institute- Oil & Gas
- Please see webpage for more information:

https://www.ozoptics.com/products/fiber_optic_distributed.html

Join the follow-up Telco

3 February 16-16.30 CET

Meeting number :140 209 208

Meeting password:AwwxN9S

Link to join:

<https://eurescom-meetings.webex.com/eurescom-meetings/j.php?MTID=m2b47abd57a5c61cf656c058b52a8bfe4>

Join by phone

[**+49-6925511-4400**](tel:+49-6925511-4400) Germany toll

[Global call-in numbers](#)

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Contact Info



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Presentation available via:

