



Horizon2020 - PARTNER REQUEST

GENERAL DESCRIPTION

Title Precision laser processing and micromachining development partner, looking to participate and provide process development, qualification and transitioning to process demonstrators and production scale up.

Summary

Precision laser process development from concept through to fully automated volume production equipment or Subcontract processing service.

The company is headquartered in Abingdon, UK, with facilities in Europe, Asia and North America. It is a global provider of precision laser micromachining solutions, with a track record of developing novel laser processes that go on to become industry standard, delivered as either production equipment and sub-contract laser processing services.

Description of the request

The company is seeking opportunities to connect and collaborate with companies and consortia where precision materials processing, micromachining, material handling and inspection is required. It is happy to act as a subcontractor to a development activity, although experience has shown that full participation allows us to maximise our contribution to both the technical and commercial (exploitation) aspects of a project. The company is also ready to participate within the framework of grant funded collaborations and engage directly business-to-business.

The company's team combines the highest levels of experience and expertise, with state of the art facilities, including lasers throughout the spectrum to deliver an advanced precision laser micromachining capability, from new process development to full production and tailored exactly to your specific requirements.

Typical examples include, cutting and shaping optical fibre, high speed drilling of injection molded components, laser milling of features in super-hard tooling materials, scribing of photovoltaic and display materials, cutting and drilling of quartz, bio-sensors, precision spray and injection nozzles, conventional and plastic electronics

The company regularly participates in collaborative development, providing key enabling process technology along with a detailed understanding of the requirements for implementing high-yielding processes in volume production. It has led and contributed to the successful delivery and exploitation of projects across a broad range of applications and industry sectors.

Call

No specific call is identified, however the company is happy to consider participation in project across a range of sectors including high tech, electronics, photonics, bio medical, telecom/Datacom, automotive, aerospace and so on. The company welcomes all enquiries and will evaluate the contribution it can make on a case-by-case basis.



Partner contribution – Role and profile of the partners and tasks to be performed:

- Type of partner sought (such as industry (large or SME), academy, research organisation): All
- Specific area of activity of the partner (example: manufacturer/distributor/user/disposal of plastic packages etc.): All
- Tasks to be performed by the partner:

DETAILS OF YOUR OWN ORGANISATION/COMPANY

Type Industry Technical Centre / Technology transfer centre Research institute /University Service
Sector Other: please specify

Comments: The company undertakes new process development and the transitioning of these into robust production line equipment or services.

Languages Spoken: Primary language is English (please enquire for other specific languages)

Organisation/Company size (please tick one box) < 10 employees 11-50 employees
 50-250 employees 250-500 employees > 500 employees

CONTACT

Please contact the RespiceSME coordinator Samantha Michaux for the company's contact data.

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