

## Technology Offer

# A Polish innovative company with photonics technology is looking for R&D partners and distributors

## Summary

*A Polish company with extensive experience in research, development and fabrication of innovative photonic solutions for industry application is looking for business and research partners. The company specialises in innovative optic fibres for many different fields, especially for tailored solutions with good quality. The type of cooperation may vary, academia are sought for joint further development and industry for technical or commercial cooperation.*

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<b>Last Update</b>	28 February 2017
<b>Expiration Date</b>	28 February 2018
<b>Reference</b>	TOPL20170209001

## Details

### Description

A Polish company carries out modelling, fabrication, research and development of specialty optic fibres (including microstructured, photonic crystal, plastic and plastic microstructured), innovative optical fibre components and photonic devices. Such photonic technology are developed for telecom, metrology, quality analysis, medical, mining, space, transport and safety applications.

The company offers new technology for optical fibres which based on classical and microstructured fibres: sensors and dispersion compensators, fibre modulators, variable attenuators and broadband fibre light sources. Company has a team which is working on the own preform technology of optical fibres.

Components of fibres including classical and microstructured fibres, pigtails, patchcords, efficient splices, fibre attenuators, fibres with tunable parameters. In effect optical fibres can be more sensitive, resistant and reveal good properties what is very important for the high quality level.

The company is looking for partners in the R&D projects for developing new products and services. The company also is looking for distributors.

The company is working on the development projects, research and creates the prototypes. Company is trying all the time solve a wide spectrum of problems by professional engineers and scientists who represents various branches.

### Advantages and Innovations

The company is working on sensors, data transfer, light sources and glass processing technology.

Innovations features of products and services:

-Sensors features: anti-sparking, no electricity on- site, suitable for explosive areas, configurable in distributed sensing arrays, light& small.

-Light sources features: light & small, flexibility and easy maintaining, reliability in harsh environment, resistance to vibrations.

-In the data transfer process company offers novel quality of transmission with less space through multicore optical fibres. A device converting signals from the multicore fibre to single core fibres transmission systems.

-Glass processing technology is based on coating- optical fibres resistance improvement with metal and organic coatings and tapering- controlled change of light propagation in fibre splicing  
- reliable and low loss connections between all fibre types.

## Stage of Development

Already on the market

## IPR Status

Secret Know-how,Patent(s) applied for but not yet granted,Patents granted

## Profile Origin

National or Regional R&D programme

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## Keywords

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### Technology

01002003	Electronic engineering
01002008	Optical Networks and Systems
05003002	Optics

### Market

03004003	Other electronics related equipment
03006	Fibre Optics

### NACE

J.61.1.0	Wired telecommunications activities
M.72.1.9	Other research and experimental development on natural sciences and engineering

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## Network Contact

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### Issuing Partner

STEINBEIS 2I GMBH

### Contact Person

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**Open for EOI :**    **Yes**

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**Dissemination**

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**Send to Sector Group**

Bio Chem Tech

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**Client**

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**Type and Size of Organisation Behind the Profile**

Industry SME 11-49

**Year Established**

2010

**Turnover**

1 - 10M

**Already Engaged in Trans-National Cooperation**

Yes

**Certification Standards**

ISO 9001

**Languages Spoken**

English  
Polish

**Client Country**

Poland

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**Partner Sought**

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## Type and Role of Partner Sought

Technical company from Poland is interested in business cooperation with industrial partners and from the science sector. The company is looking for partners for R&D projects with good knowledge of optical fibres and cables. The company also is looking for the distributors with experience.

## Type and Size of Partner Sought

SME 11-50, University, R&D Institution, SME <10,>500 MNE, 251-500, SME 51-250, >500

## Type of Partnership Considered

Services agreement  
License agreement  
Manufacturing agreement  
Commercial agreement with technical assistance  
Technical cooperation agreement  
Research cooperation agreement

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## Attachments

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Foto 1.jpg

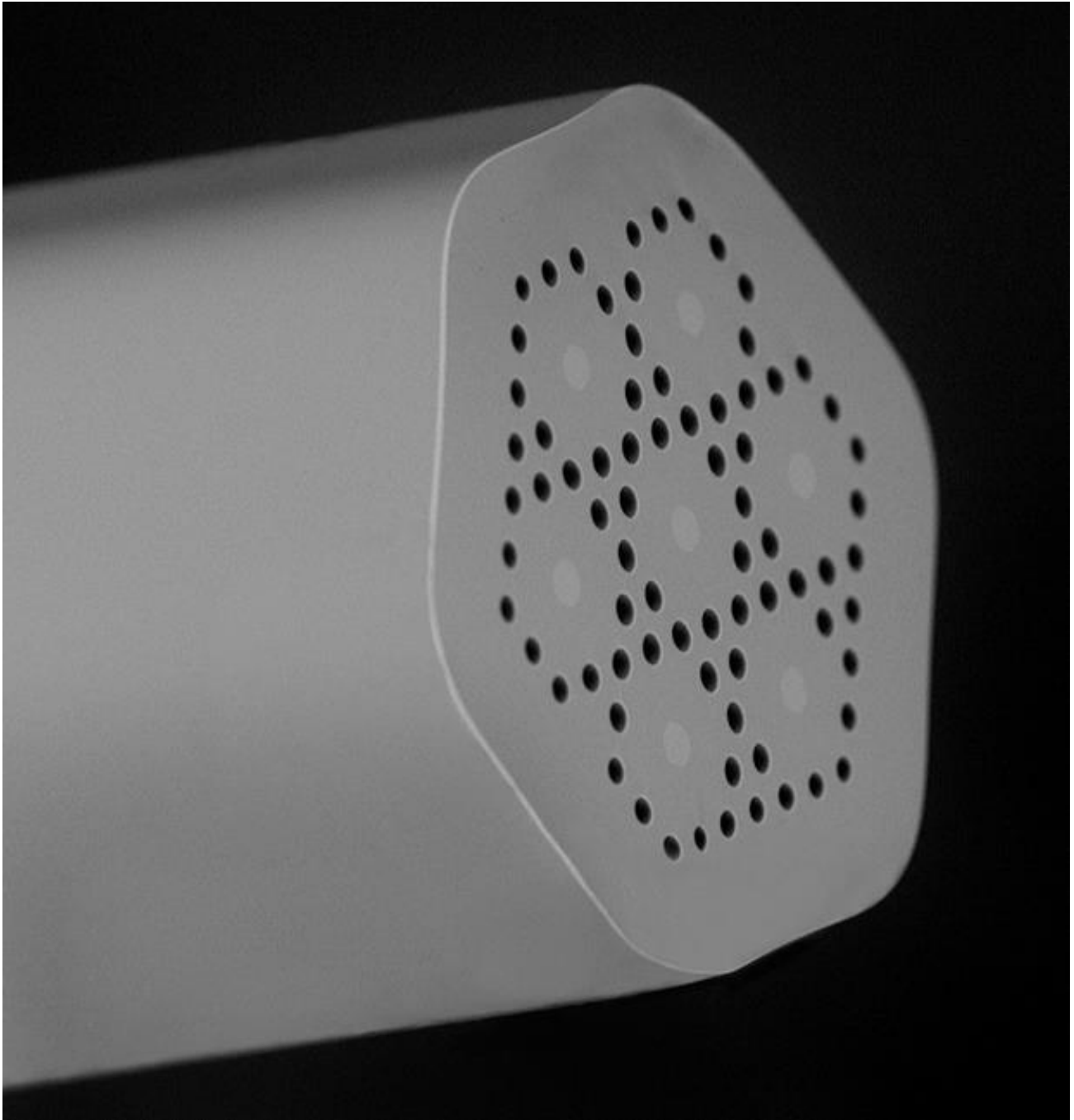


Foto 2.jpg

