

Grant agreement no: 317803

**MId- to NEaR infrared spectroscopy for improVed medical  
diAgnostics**

**MINERVA**

**Deliverable D10.2  
Public website online**

Technical Coordinator: Jon Ward  
Company: Gooch and Housego (UK) Ltd.  
Start date of project: 01-Nov-2012

Date of issue: 25-Jan-2013

Due date: 31-Jan-2013

MINERVA Ref: MINERVA\_VIV\_030\_A\_WP10

**Leader in charge of deliverable: Bruce Napier  
Vivid Components**

<i>Project co-funded by the European Commission within the Seventh Framework Programme</i>		
<i>Dissemination level</i>		
<b>PU</b>	<b>Public</b>	<b>X</b>
<b>PP</b>	<b>Restricted to other programme participants (including the Commission Services)</b>	
<b>RE</b>	<b>Restricted to a group specified by the consortium (including the Commission Services)</b>	
<b>CO</b>	<b>Confidential, only for members of the consortium (including the Commission Services)</b>	

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### Change register

Version	Date	Author	Organisation	Changes
A	25-Jan-2013	Bruce Napier	Vivid Components	Initial

## **2. Statement of independence**

The work described in this document is genuinely a result of efforts pertaining to the MINERVA project: any external source is properly referenced.

Confirmation by Author: Bruce Napier; Vivid Components.

## **3. Executive summary**

The MINERVA website was put online on 21-Jan-2013 at [www.minerva-project.eu](http://www.minerva-project.eu)

The website includes pages on the consortium, background to the project, contact info and public documents.

[A password-protected members' area is available in a separate site at: <http://members.minerva-project.eu>]

The sites were constructed by Jason Buckley and Bruce Napier, both of Vivid Components.

## 4. MINERVA public website

The public website includes the following pages:


- |              |  |
|--------------|--|
| • Homepage   | Overview of the project objectives and background                |
| • Technology | Summary of the technical objectives and context                  |
| • Consortium | Listing the project partners                                     |
| • Documents  | Library of all public outputs from the project                   |
| • News       | Detailing news items on the project (with RSS feed)              |
| • Events     | List of relevant MINERVA events, detailing partner participation |
| • Contact    | Contact info.  |

These pages will be maintained throughout the course of the project. A few screenshots are shown to illustrate the style and format of the site.

### 4.1. Homepage



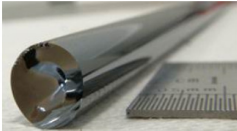
## 4.2. Technology



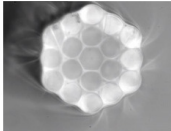
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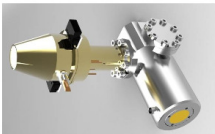
### MINERVA mid-IR photonic technology



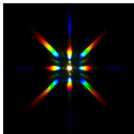
-Low loss robust chalcogenide fibres for fibre lasers, supercontinuum generation and delivery  
-Fibre end caps and splicing technology for soft glass fibres



-Mid-IR glass fused fibre components  
-Mid-IR AO modulators based on calomel  
-2.9  $\mu\text{m}$  Er:ZBLAN and 4.5  $\mu\text{m}$  Pr-doped chalcogenide fibre laser pumps



-Low cost T2SL MWIR and LWIR FPA detectors  
-Performance matching state-of-the-art MSL devices




-Simulation, design and fabrication of a range of mid-IR SCG sources  
-Novel sources based on ZBLAN and InF3 fibre as well as MINERVA pump lasers and fibres.

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Your email:

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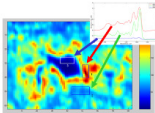
FRAMEWORK 7



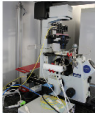
MINERVA is supported by the European Commission under the Seventh Framework Programme (FP7)

### MINERVA applications

**High volume pathology screening**  
(i.e. automated microscope-based examination of samples)



**In vivo, remote, real-time skin surface examination**  
(i.e. non-invasive investigation of suspected skin cancer).



This project will open the mid-IR to further exploitation, and the technology developed will be transferable to a huge range of applications both in bio-photonics and in wider industry.

**Minerva**


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 Thanks for visiting the MINERVA website. For more information, please contact Dr Bruce Napier at [bruce@vividcomponents.co.uk](mailto:bruce@vividcomponents.co.uk).

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### 4.3. Contact & info



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[bruce@vividcomponents.co.uk](mailto:bruce@vividcomponents.co.uk) Admin & Advisory Group

MINERVA is funded under the [European Commission's Seventh Framework Programme \(FP7-ICT\)](#)

Funding scheme : Large-scale integrating project – CP-IP

Activity : ICT-A-3.5 – Core and disruptive photonic technologies

Project Reference 317803

Project cost 10.6 M€

Project funding 7.3 M€

Start date 01-Nov-2012

End date 31-Oct-2016

Duration 48 months.

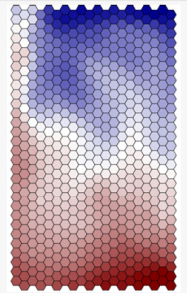



Image courtesy of Gloucestershire Hospitals NHS Foundation Trust

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## 5. MINERVA private pages

The password-protected MINERVA website (<http://members.minerva-project.eu>) provides a complete document register for the project, and includes the following pages:

- Homepage Intro, news and contact lists
- Actions register Listing all open and closed actions from all meetings & calls
- Meetings Minutes and files from all meetings
- News Internal news items on the project (RSS feed to consortium only)
- WP progress Gantt charts, WP reports and technical documents, deliverables & milestones (page per WP)
- Document register List of all project documents (page per partner).

These pages will be maintained throughout the course of the project. A screenshot is shown to illustrate the style and format of the site.

