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|  | [**Politecnico di Milano**](http://www.polimi.it/)-**PROJECT COORDINATOR**  Coordinates and manages the whole project. Is  responsible for providing specific contents to  the proposed solution by addressing specifications and demonstrations for TRS technology. Will also lead laboratory demonstration. |  | [**PicoQuant GmbH**](http://www.picoquant.com/)  Leader in the field of pulsed diode lasers, time-  resolved data acquisition, single photon  counting, and fluorescence instrumentation, is  providing the core opto-electronic components  for the brain imager. |
|  | [**Fondazione Politecnico di Milano**](http://www.fondazionepolitecnico.it/pagine/pagina.aspx?&L=IT)  Having a vast experience in managing European  projects, will support Politecnico di Milano  for project management and dissemination  activities. Through its business incubator unit  it will support exploitation of the proposed solutions. |  | [**Competitive Network SL**](http://www.loop-cn.com/index.php)  Has more than 20 year experience in the  market defining new business opportunities  by creating and developing new products and  new user experiences. Thanks its background  in medical device design will be responsible for  the product design, user experience, interface  design, and prototype manufacturing. |
|  | [**ICFO-Institute of Photonic Sciences**](http://www.icfo.eu/)  World-leading research center in Photonics,  through the ICFO-Medical Optics group, will  design and construct the DCS module, develop  software and specifications for DCS and  analyze the DCS data and composite indices. |  | [**Capital Region of Denmark**](http://www.regionh.dk/english/menu/)  Rigshospitalet - Department of Neonatology,  as a professional end-user with outstanding research and clinical experience in neonatology  will develop the clinical application side of the  tool, driving service demonstration in real-life  and supporting the final evaluation of the integrated system. |
|  | [**Fraunhofer Institute for Production Technology IPT**](http://www.ipt.fraunhofer.de/en.html)  Has specific expertise in the field of optics and  optical systems, will provide its technology  portfolio for the design, development and fabrication of the fibre-optical sensor head that  will be applied to the scalp for the parameters  detection. |  | **[Fondazione IRCCS Ca’ Granda Ospedale](http://www.policlinico.mi.it/)**  **[Maggiore Policlinico](http://www.policlinico.mi.it/)**  Thanks to the research and clinical expertise  of its Neonatal Unit will collaborate at the prototype’s demonstration in the medical environment, defining clinical protocol settings and giving input for improvement of the integrated system. |
|  | [**Hemophotonics SL**](http://www.hemophotonics.eu/)  Spin-off of the ICFO-Institute of Photonic  Sciences, will draw up an exploitation plan, the  DCS system customization and control software  adaptation to commercialize and further develop the final prototype. |  |  |

**PARTNERS PROFILE**