



## PARTNERS PARTICIPATING IN WWW.BRIGHT.EU

N°	Short name	Country	Participant name	Activities in the project
1	III-V Lab	France	Alcatel Thales III-V Lab	Design, growth, fabrication and characterisation of high brightness laser diodes. Reliability studies
2	ALCATEL	France	Alcatel-CIT	Design and implementation of Yb fibre laser using high brightness pumps.
3	BIOLITEC	Germany	Biolitec AG	System development of medical lasers for surgery & photodynamic therapy, medical application development.
4	OSRAM	Germany	OSRAM Opto Semiconductors GmbH	Fabrication of red-emitting high power laser bars at 635nm. Packaging, reliability, strain, beam parameter, semiconductor material, laser characterisation.
5	TLD	France	Thales Laser Diodes SA	Packaging of diodes and realisation of high-brightness fibre-coupled laser.
6	CAM	UK	The Chancellor, Masters and Scholars of the University of Cambridge	Laser modelling for optimal device geometry design. Design and implementation of etching for improved performance with focus ion beam etching.
7	TRT	France	Thales	Increasing brightness with external cavity wavelength multiplexing. Micro-photoluminescence. Toxicology
8	FBH	Germany	FBH, Forschungsverbund Berlin e.V.	650nm high power diode lasers, 810nm tapered devices, gain media at 810nm for ECL applications, reliability investigations, technology of laser diode manufacturing.
9	FO	Switzerland	Fisba Optik AG	Laser, high-brightness, beam parameter, infrared, red, high power laser, laser characterisation, optical components, micro-optics.
10	FHG (ILT - IAF)	Germany	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.	Growth and fabrication of high-brightness laser diodes, advanced thermal management techniques.

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11	UNIPRESS	Poland	High Pressure Research Center, Polish Academy of Sciences	Characterisation and wavelength tuning of laser diodes, using high pressure.
12	INO	Canada	Institut National d'Optique	High performance and low cost micro optics for fibre coupling.
13	LCFIO	France	Centre National de la Recherche Scientifique	Improving the brightness with external cavities.
14	LLC	Sweden	Lund University	Tissue fluorescence monitoring (spectroscopy and imaging). Defining protocols, specifying laser parameters and adapting lasers for biomedical applications.
15	MBI	Germany	MBI, Forschungsverbund Berlin e.V.	Device analysis with respect to reliability issues. Advanced characterization.
16	NMRC	Ireland	University College Cork, National University of Ireland Cork	Laser, high brightness, strain, beam parameter, semiconductor material, high power laser, laser modelling, laser characterisation, optical components.
17	ICCS	Greece	Institute of Communication and Computer Systems	Development of imaging system for Photodynamic Therapy PDT and animal modelling. Fluorescence diagnostics (tissue).
18	RISOE	Denmark	Risø National Laboratory	Brightness of external cavity feedback system. Frequency doubling (810/405nm) Pulsed diodes. Clinical adaptation of lasers.
19	RB	Switzerland	Rainbow Photonics AG	Frequency doubled UV laser diodes for medical applications.
20	UNOTT	UK	The University of Nottingham	Laser diode design/simulation, advanced characterisation, reliability studies, training/dissemination.
21	UPM	Spain	Universidad Politécnica de Madrid	Modelling and simulation of high brightness lasers to improve designs.
22	UWUERZ	Germany	Bayerische Julius-Maximilians Universität Würzburg	Growth of advanced high brightness laser materials, quantum dot lasers.

