



Photonics in Germany has a 40 percent share of European Photonics. There is a workforce of 130.000 employees in Photonics in Germany and revenues are in the range of 30 bn Euro per year.

There is a long tradition of optical technologies in Berlin Brandenburg. Their roots go back into the early 19th century. Today Photonics are an important economic sector in the region. The innovative core of the cluster today is represented by approx. 400 technology companies as well as 10 universities and 26 non-university research institutions. 16,600 employees are working in the Photonics Cluster Berlin Brandenburg and the companies generate annual revenues of approx. 2.5 bn Euro. The competences are focused on (1) Laser Technology, (2) Lighting Technology, (3) Optical Analytics, (4) Communication and Sensor Technology, (5) Biophotonics, and (6) Microsystems Technology.

Optec-Berlin-Brandenburg (OpTecBB) e.V. is the regional competence network or regional photonics industry association or innovation cluster for photonics and microsystems technologies in the German Capital Region of Berlin Brandenburg. OpTecBB was founded on September 14th, 2000 by companies, research institutions, universities and federations supported by relevant ministries in Brandenburg and the Berlin Senate. Today, the association has 115 institutional members. The names of members range from well-known brands like Siemens, Osram, Carl Zeiss Meditec, Jenoptik, Finisar, Fisba, to Berliner Glas and First Sensor and many start-ups and SMEs. OpTecBB is a member of OpecNet Deutschland e.V. and a member of EPIC - European Photonics Industry Consortium.

OpTecBB is fostering the exchange of knowledge and information regionally, nationally and internationally in the field of photonics in order to advance technological development, innovation and market expansion. OpTecBB is involved in international projects on the European level and with special cooperation activities in Poland, USA (California and Arizona), Japan (Hamamatsu and Tokyo) and Brazil (Santa Catarina). OpTecBB is exploring new international technology and other markets for its members.

OpTecBB and OptecNet Germany are currently organizing a German presentation during OASIS7 April 1st and 2nd in Tel Aviv with 17 German companies and research institutes in order to deepen the collaboration in photonics between Israel and Germany.

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