



Photonics industry survey for research centers and universities in Finland

Survey results

12.06.2020

Boost Brothers Oy

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The survey was commissioned by the Flagship for Photonics Research and Innovation (PREIN), aiming to map the activities in the Finnish research community

- The survey was aimed at the photonics research personnel of the Finnish research centers and universities
 - The survey received 110 responses and the response rate was approximately 25%
 - 66 of the participants were members of PREIN, while 44 were non-members
- The survey was carried out during Spring 2020
 - The survey was open from May 19th to June 10th



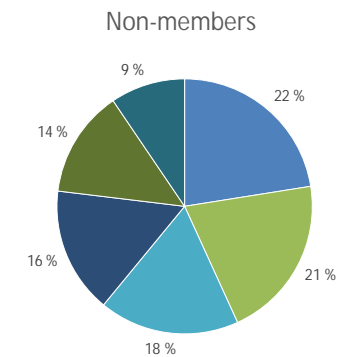
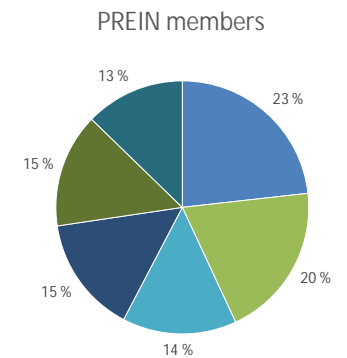
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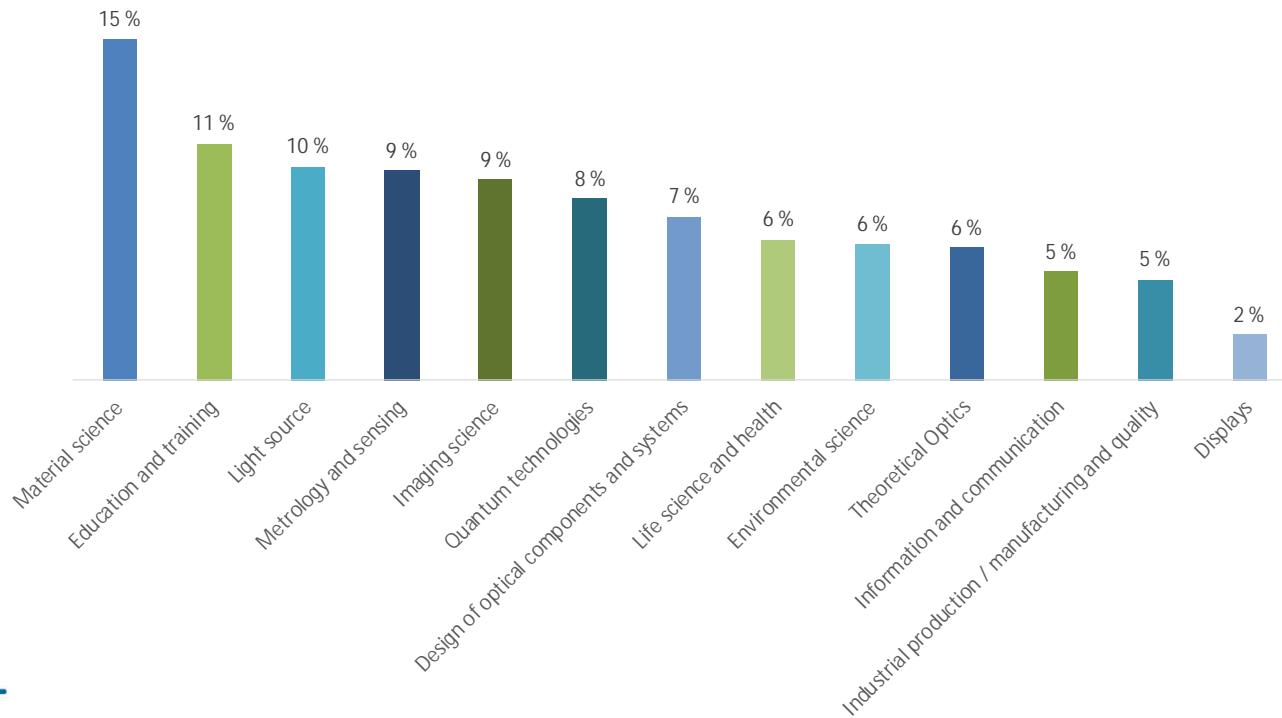
3. Summary

Finnish research centers and universities are pursuing photonics research in various ways, with Experimental research and Applied research being the most prominent

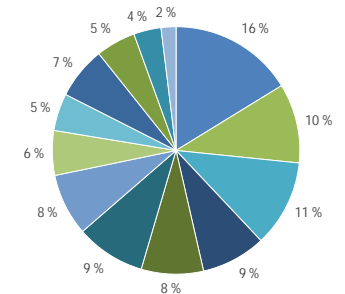


Material science is the most prevalent photonics-related research field in Finland. Additionally, respondents reported research activity concerning other research fields, such as Optoelectronics, Biosensors and Photovoltaics

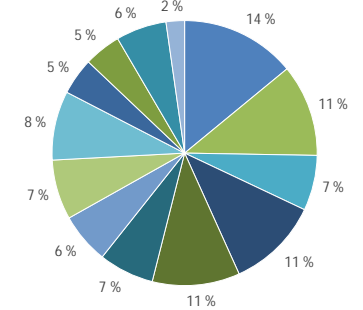
Which are the key photonics-related research fields in your organization?



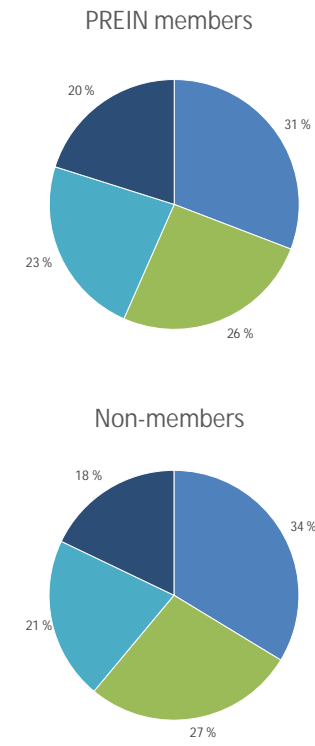
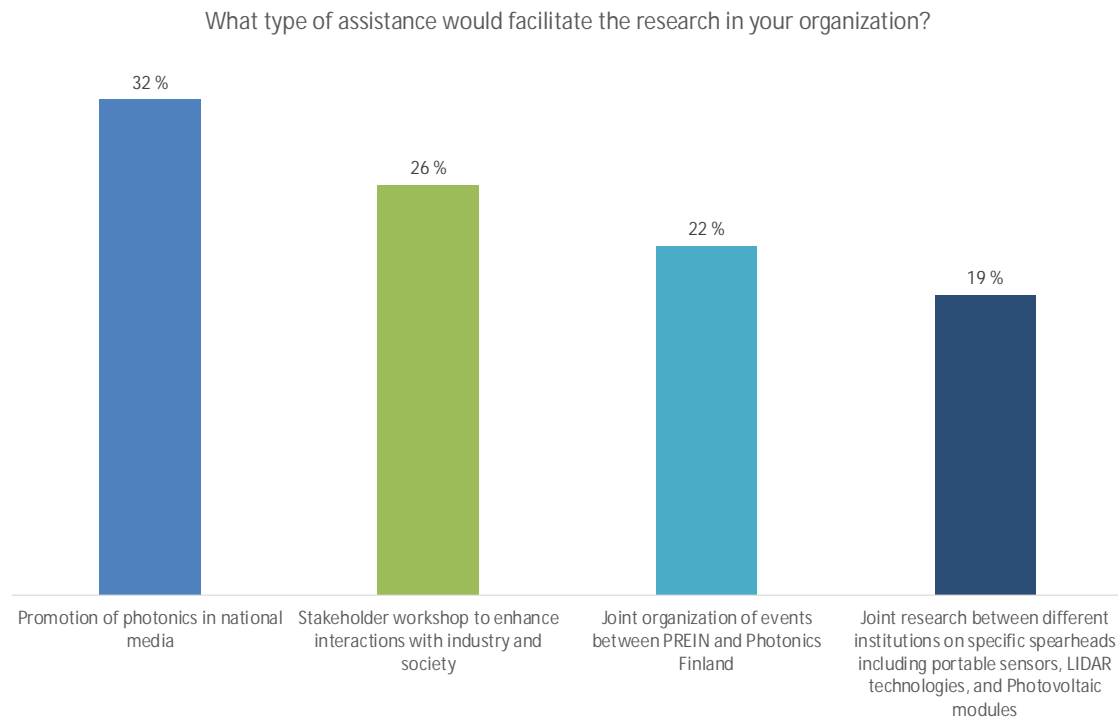
PREIN members



Non-members

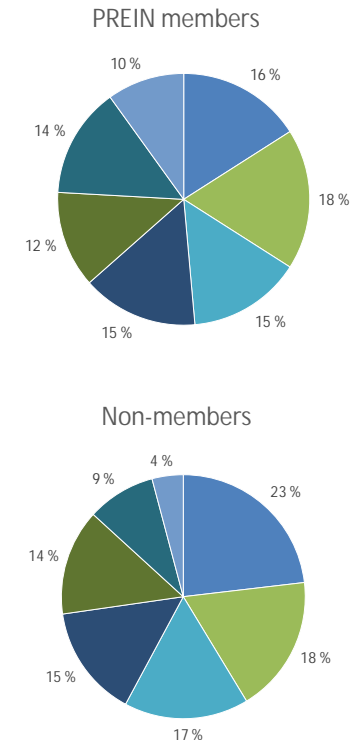
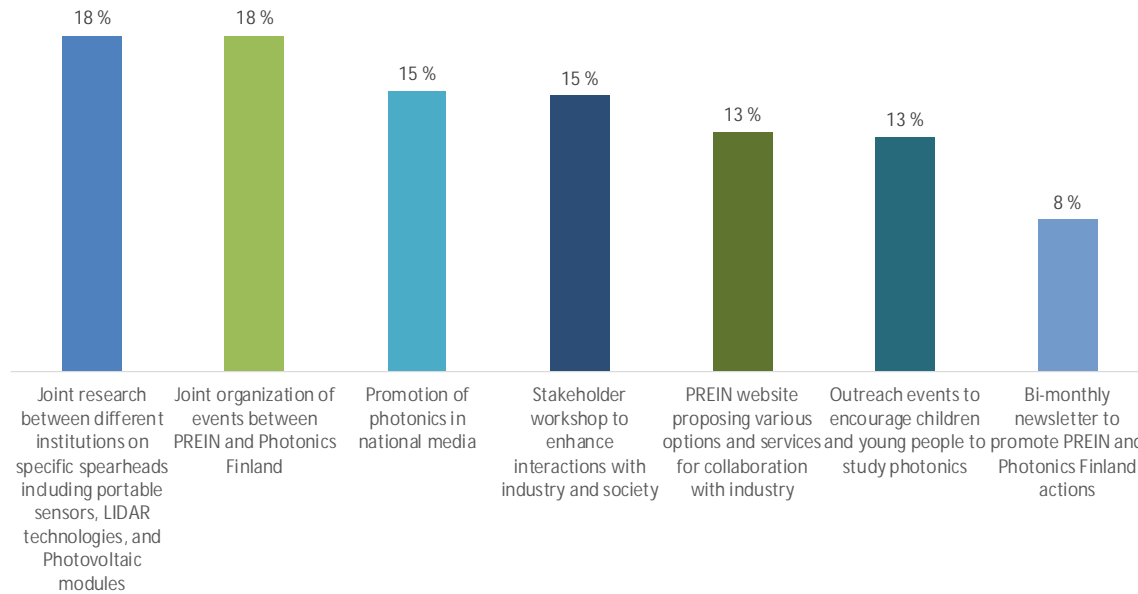


Respondents see assistance in Promotion of photonics in national media as the most important facilitator of further photonics research, as many felt that the general knowledge about photonics is on an insufficient level



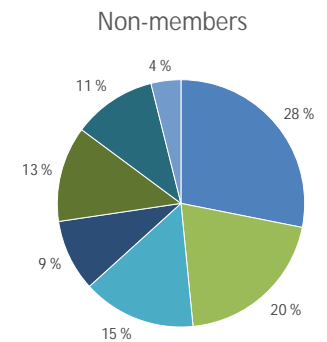
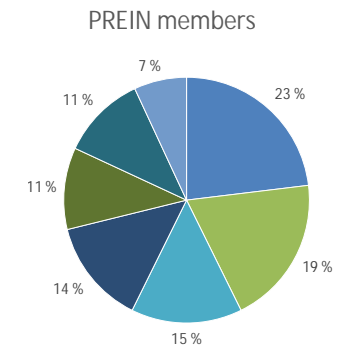
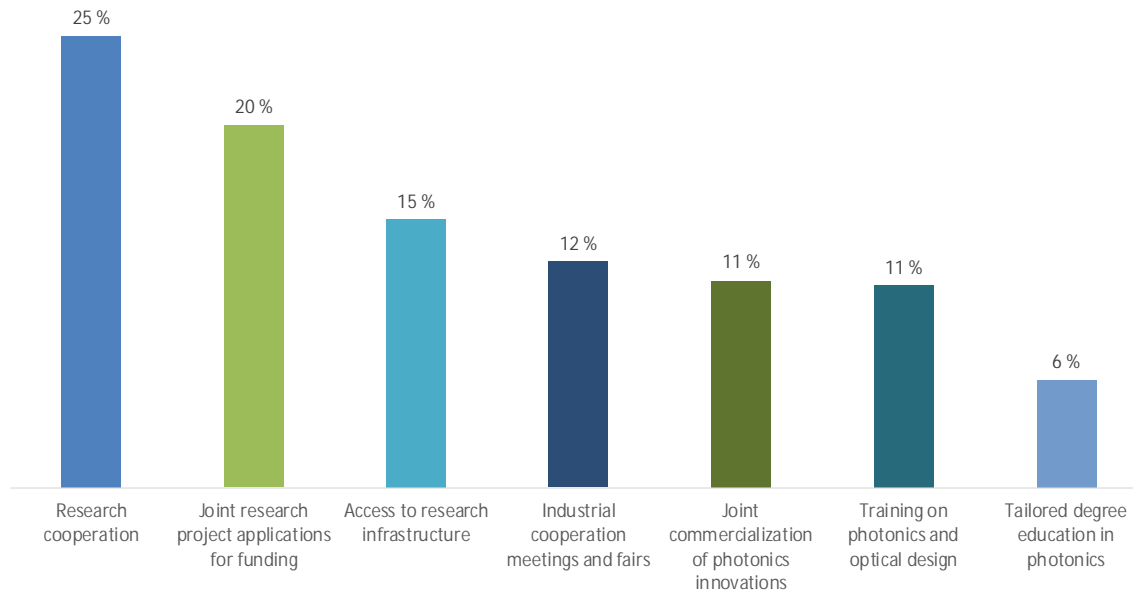
Joint research on specific spearheads, as well as joint industry events, were generally seen as the most beneficial actions of PREIN

The Flagship on Photonics Research and Innovation (PREIN) has been established in 2019 to support the Finnish Photonics Ecosystem. Do you think the following actions implemented by PREIN last year are useful for this purpose?

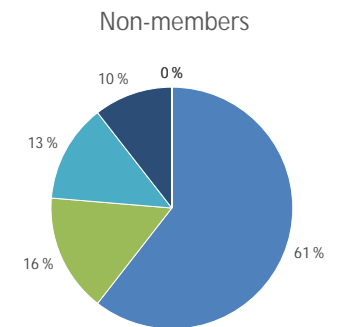
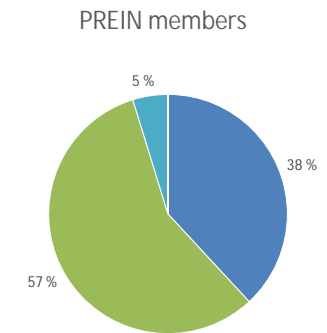
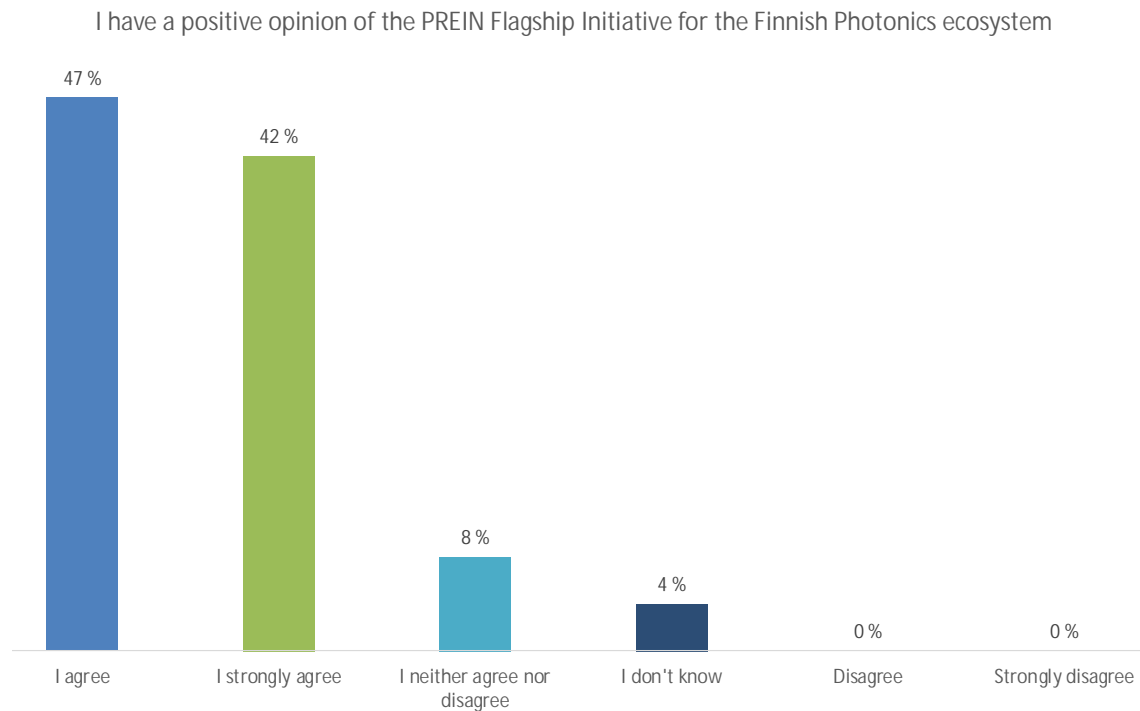


PREIN is expected to provide researchers with means for cooperation and collaboration, along with an improved access to necessary infrastructure

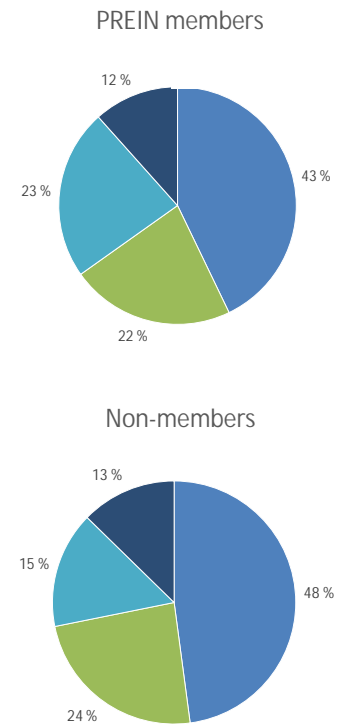
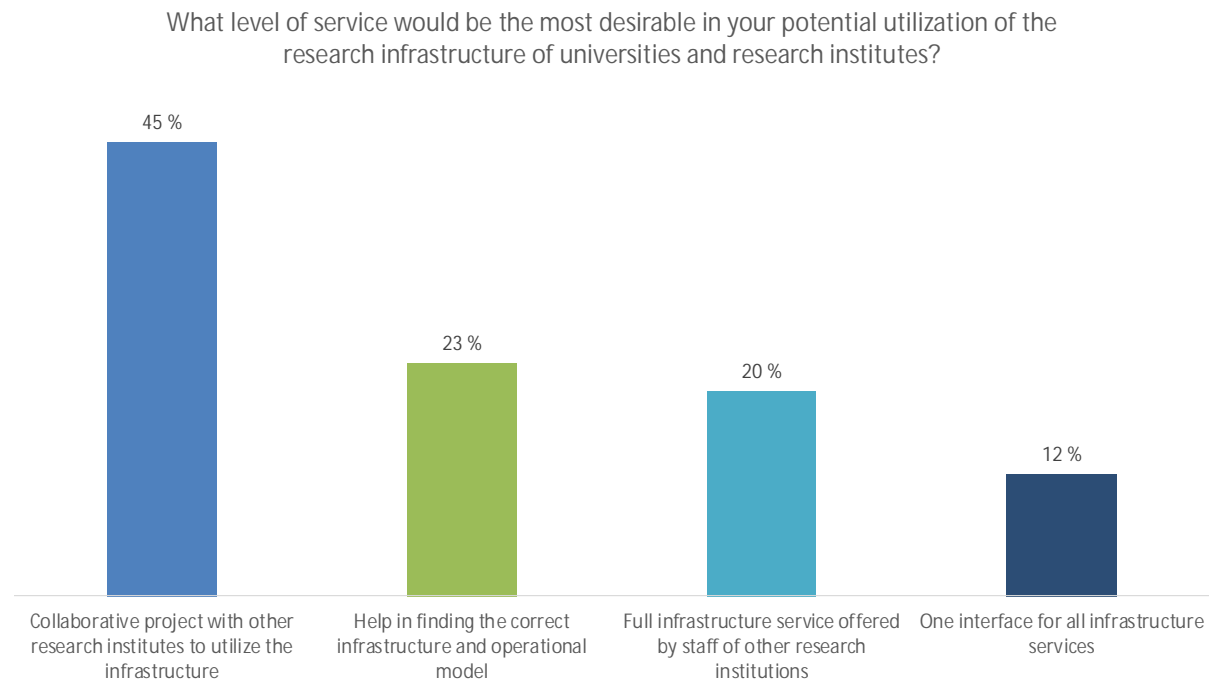
What are your expectations from PREIN?



PREIN Flagship Initiative is held in high regard, especially among its members. Some of the respondents hoped that PREIN could increase its prevalence through improved communications and higher media visibility



Respondents were mainly hoping for further collaborative projects with other research institutes to utilize the full potential of Finnish photonics research infrastructure



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Summary

- PREIN Flagship Initiative is highly appreciated among researchers
- PREIN is expected to provide means for cooperation and collaboration in the photonics industry
- Joint research on specific spearheads, as well as joint industry events, were generally seen as the most beneficial actions of PREIN

