

ZI de La Herray 65500 VIC-EN-BIGORRE France

Tél. +33(0) 5 62 33 44 44 www.isp-system.fr

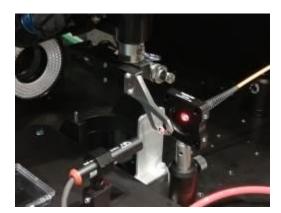
# ⇒ Subject: ISP System application to HORIZON-CL4-2024-DIGITAL-EMERGING-01-55

ISP System is looking for a consortium to join in as partner, for the Horizon Europe call HORIZON-CL4-2024-DIGITAL-EMERGING-01-55 (<u>link</u>) "Photonics Innovation Factory for Europe", closure deadline 19/03/24.

## How ISP System can help the photonics innovation ecosystem in Europe?

ISP System would like to propose its competence focusing on automated manufacturing process development as well as pre-series production of disruptive and new photonics components which would require highly precise components alignment and advanced bonding process.

ISP's role in the consortium could start once the product design is finalized to support industrialization steps up to a point where the automated manufacturing process is fully qualified ensuring a high quality, fast, and repeatable production.





Laser μ-assembly process development in ISP System's laboratories

### **ISP System company introduction:**

ISP System SA, headquartered in Vic en Bigorre, France, is a leading manufacturer of high precision mechatronics systems for the photonics industry.

Our offer includes automated micro-assembly equipment as well as process development services for high-end photonics components, device and PICs (photonics integrated circuits).

With more than 25 years of experience in highly complex industrialization projects from prototyping to serial production, we can assist customers with passive and active photonics components alignment as well as epoxy based attachment, eutectic bonding and/or laser soldering process for your photonics packaging application.



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We are a team of 70 people, who consists mainly of development engineers from the specialist fields of mechanical and mechatronic engineering, optics and photonics, as well as from automation, AI, software development and electrical engineering. Experienced technicians possessing a wide variety of skills support these developers.

ISP System is involved in major scientific projects, such as the Mega Joule Laser, the SOLEIL Synchrotron, and the European ELI project. ISP System participates also in industrial programs in aeronautics (Airbus programs), automotive (hybrid vehicles), space or defense (Electronic Radar, Scorpion, etc.) as well as European Artificial Intelligence program like AISME.

Beside of the scientific aspect ISP System has a strong experience in providing mass-production equipment worldwide including micro-assembly machine, die-bonder, and complete production lines for the manufacturing industry in the USA, Mexico, Brazil and Germany among others.



ISP System facilities in Vic en Bigorre, France

#### ISP System facilities:

- 2 buildings 4500m<sup>2</sup> in total

- Class ISO5 to ISO7 clean rooms: 300m<sup>2</sup>

- Assembly hall 10m high: 800 m<sup>2</sup>

- ESD assembly rooms: 1800m<sup>2</sup>

Design and methods offices: 700m²

- Laboratories: 500m<sup>2</sup>



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#### Figures:

- 9.5 M€ turnover in 2022
- 50 machines and 10,000 sub-systems delivered to customers every year
- 30% of turnover from export
- 12% of turnover invested in R&D expenses

# **Quality certificates:**

- ISO9001
- EN9100

#### Administrative information:

Legal form: Société Anonyme (SA)

- Founded in 1997

- Share capital : 1 000 000 €

SIREN : 10 675 078

D-U-N-S number: 896 285 830VAT Intr.: FR 19 410 675 078

NAF Code : 7112BNATO Code : FAFR4

# Legal representatives:

Chief Executive Officier : Mr Paul SAUVAGEOTChief Operating Officier : Mr Laurent ROPERT

#### **Contact person:**

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