

# Partner search/offer

Date (DD-MM-YY)

- Targeted call/topic (code & name of the topic(s) line(s))

HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-32: Green and resilient flexible production processes

- Quick description of the project concept

Integration of a consortium by adding a technological brick (Keyprod) to the developed solution

- Description of the expertise requested/proposed (up to 1000 characters)

Keyprod can play a strategic by providing advanced expertise in real-time industrial monitoring and flexible production optimization. Through its non-intrusive sensor technology and digital platform, Keyprod enables continuous tracking of machine performance and energy consumption. This capability supports the redesign of industrial processes to become more responsive to renewable energy fluctuations, allowing faster ramp-up and ramp-down cycles without compromising efficiency.

By analyzing equipment behavior and production data, Keyprod helps industries improve energy and material efficiency, especially under variable energy input conditions.

- Keywords describing the expertise requested/proposed (up to 10 words)

Automatic detection, predictive maintenance, machine traceability, easy integration within other digital systems

## Organisation information

Organisation and country : JPB SYSTEME, FRANCE

Type of organisation: SME

Former participation in FP European projects? Yes

Web address : <https://www.keyprod.com>

**Description of the organisation** : JPB Système is a French industrial SME with over 200 employees, specialized in the design, development, and manufacturing of innovative self-locking solutions for demanding environments, particularly in the aerospace sector.

The company is diversifying its activities by developing connected solutions that integrate smart sensors and embedded systems for predictive maintenance. Notable among these innovations are the Boltrakk program and the technologies developed by Keyprod.

## Contact details

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