

<u>INTERNATIONAL PROJECT</u>		Project under Management	
Summary Form: Advanced Multiplex Liquid Biopsy for Early Cancer Detection		Agreement Reached	
Input date: 30/01/2025		Country of origin: Spain Country of Interest: India	

✓ <u>Information of the company requesting the partner search service</u>							
Name of the company		Mecwins S.A.					
Contact Person (full name, position)		Valerio Pini, Head of Engineering					
Address		Ronda de Poniente 15 2D					
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Email		vpini@mecwins.com					
Web Page		www.mecwins.com					
Last exercise Revenues M\$	286.759€	Number of employees	18	Year of Constitution	2008	Social Capital	141.390 €
<p>MECWINS S.A. is a Spanish SME specialized in advanced diagnostic technologies based on nanotechnology and biotechnology. Core expertise includes:</p> <ul style="list-style-type: none"> • Development of biosensors and multiplex immunoassays for oncology, cardiovascular diseases, inflammatory diseases and infectious diseases. • Proprietary ultrasensitive detection systems for proteomics and cell-based markers. • Experience in national and international collaborative R&D projects, including various public-private partnerships and multinational initiatives. <p>MECWINS has successfully commercialised highly sensitive diagnostic platforms and is involved in both in-house product development and R&D collaborations with research institutes, hospitals and other biotech/pharma partners.</p>							

✓ <u>Information of the Technology Collaboration Project</u>
<p>We aim to develop and validate a new liquid biopsy technology combining the detection of Circulating Tumor Cells (CTCs) and tumor-related proteins in a single assay. Our approach involves:</p> <ol style="list-style-type: none"> 1. A transparent polymeric cartridge plus a highly sensitive detection platform (proprietary technology).

2. Multiplexed detection in liquid to provide both **early diagnosis** and real-time monitoring of disease progression.
3. Validation on real patient samples to ensure clinical performance.

We are looking for an **Indian industrial partner** who can contribute in one or more of the following areas:

- Development/optimization of **diagnostic reagents** or cartridge components adapted to the Indian market.
- **Scaling up** and manufacturing of the disposable cartridges or kit components.
- **Clinical validation** (access to samples, local trials) and eventual **regulatory pathways** in India.
- Further **commercialization** and distribution in the Indian subcontinent.

Estimated budget of the project

Total project budget: ~1.4–1.6 M€ (combined Spain-India). Duration: ~24 months.

Partner contribution: ~0.4–0.5 M€ (Indian side).

Indian partner: 50% grant funded by TDB (Technology Development Board)

✓ Profile of the partner wanted: activities to do by the new partner

Summary of the partner's activities

An Indian biotech, medtech, or diagnostic company able to:

1. **Co-develop** the cartridge consumable and/or adapt surface functionalization methods for biomarker detection.
2. Handle **manufacturing scale-up** of polymeric cartridges (e.g., injection molding, assembly, QC).
3. Provide **clinical validation** for cancer liquid biopsy (patient samples, local IRB/ethics approvals).
4. Lead or support **commercialization** in India (distributors, KOLs, hospital networks).

Required criteria

- Industrial partner with experience in **IVD** (in vitro diagnostics), **medical devices**, or specialized biotech.
- Proven **R&D capabilities** and willingness to co-finance the project.
- Expertise in immunoassays, molecular diagnostics, or relevant surface chemistry is highly valued.
- Ideally with **production capabilities** and/or clinical collaboration network in oncology

✓ Potential Partner Information

No specific partner identified yet

✓ Additional Notes

- We are open to establishing further meetings to clarify technical and commercial details.