Partner Search for EUROSTARS - Next-Generation Artificial Vision Solutions

Summary

Profile type	Company's country	POD reference
Research & Development Request	**Türkiye**	**RDRTR20240701014**

Profile status	Type of partnership	Targeted countries
PUBLISHED	**Research and development cooperation agreement**	**• World**

Contact Person	Term of validity	Last update
JACOPO CONTAVALLI	**1 Jul 2024** **1 Jul 2025**	**1 Jul 2024**

General Information

Short summary

The company aims to develop artificial vision technologies that closely mimic biological vision. Their API enables developers to integrate advanced visual data processing into their applications, achieving an accuracy rate of 98.03% and processing images in 15 milliseconds. They seek partners to help push the boundaries of artificial vision further, utilizing machine learning, deep learning, and IoT technologies to develop adaptable and high-performance solutions.

Full description

The main objective is to develop adaptable, data-driven artificial vision systems to improve performance, safety, reliability, and accessibility across different applications. Our project emphasizes sustainability, aiming to maximize the lifecycle of AI models through continuous learning, adaptation, and optimization.

Advantages and innovations

• Real-Time Image Processing: Accessible to end users, providing real-time analysis and feedback.
• Unique Dataset: Trained using a unique dataset containing over 15 million visual data points and over 700 classes.
• High Accuracy: Achieves a remarkable accuracy rate of 98.03%, exceeding industry standards.
• Color Recognition: Identifies 865 distinct colors, surpassing industry standards and enabling detailed image interpretation.
• Fast Processing Speed: Processes images in just 15 milliseconds, allowing for real-time applications and minimizing latency.
• Localized Models: Capable of training models that work locally without requiring cloud connectivity.

Technical specification or expertise sought

• AI and machine learning model development
• Image and video processing
• IoT, cloud computing, and edge computing integration
• Software and hardware development for real-time applications
• Accessibility and assistive technologies
• Automotive
• Civil Aviation
• Global strategy

Stage of development

Concept stage

IPR Status

No IPR applied

Sustainable Development goals

• **Goal 12: Responsible Consumption and Production**

Partner Sought

Expected role of the partner

1. Automotive Testing Partner
Responsibilities:

Provide facilities and resources for testing artificial vision systems in automotive applications.
Offer access to real-world testing environments for autonomous vehicles and driver assistance systems.
Assist in conducting performance assessments and reliability tests.
Expertise Sought:

Experience in automotive testing and validation.
Knowledge of automotive industry standards and regulations.
Access to testing tracks and environments.
2. Business Development and Sales Partner
Responsibilities:

Support the development and execution of strategies for global market expansion.
Help identify and establish business partnerships in key markets.
Assist in driving sales and marketing efforts to promote artificial vision solutions.
Provide support in building and managing a robust sales pipeline.
Expertise Sought:

Proven track record in business development and sales, particularly in the technology sector.
Strong network of industry contacts and potential clients.
Experience in international markets and global business strategy.
3. Project and Product Management Partner
Responsibilities:

Provide support in project management efforts to ensure timely delivery of R&D projects.
Assist in overseeing product development cycles from concept to market launch.
Collaborate in coordinating cross-functional teams to achieve project goals.
Share best practices in project management and product lifecycle management.
Expertise Sought:

Extensive experience in project and product management.
Strong organizational and leadership skills.
Ability to support the management of complex projects with multiple stakeholders.
4. Strategic Growth Partner
Responsibilities:

Assist in developing and implementing strategies for scaling the company's operations.
Help identify opportunities for mergers, acquisitions, and strategic partnerships.
Support fundraising efforts and investor relations.
Provide guidance on scaling infrastructure and operations.
Expertise Sought:

Experience in scaling technology companies.
Strong background in corporate strategy and finance.
Network of potential investors and strategic partners.
5. Accessibility and Inclusivity Partner
Responsibilities:

Promote and integrate accessibility features into our products.
Assist in developing solutions that enhance inclusivity for users with disabilities.
Ensure compliance with accessibility standards and regulations.
Advocate for inclusive design and practices within the company.
Expertise Sought:

Experience in accessibility and assistive technology development.
Knowledge of accessibility standards and best practices.
Strong commitment to promoting inclusivity and diversity.
Collaboration Goals
To develop adaptable, data-driven artificial vision systems that improve performance, safety, reliability, and accessibility across various applications.
To enhance the sustainability of AI models through continuous learning, adaptation, and optimization.
To drive global growth and establish a strong presence in key markets.
To leverage each partner's expertise to achieve groundbreaking advancements in artificial vision technology and ensure commercial success.

Type of partnership	Type and size of the partner
Research and development cooperation agreement	• **SME 11-49**
	• **SME <=10**
	• **Big company**
	• **R&D Institution**
	• **SME 50 - 249**
	• **University**

Call Details

Framework program

Eureka

Call title and identifier

Eurostars

Submission and evaluation scheme

Anticipated project budget	Coordinator required
	No

Deadline for EoI	Deadline of the call
1 Sep 2024	**1 Sep 2024**

Project duration in weeks	Web link to the call

Project title and acronym

Dissemination

Technology keywords	Market keywords
	• 02007020 - Artificial intelligence programming aids

Targeted countries	Sector groups involved
• World	