



# SOLUTION MATCH

Servicio Extremeño de Salud is looking for data analytics/artificial intelligence solutions to support clinical decisions & research





## ABOUT THE **MEDEA** PROJECT

This call for applications is part of Extremadura's MEDEA project, a precision medicine project combining genomics, scientific literature and patient data to optimize prescriptions, patient outcomes and clinical trial recruitment.

MEDEA aims to build a clinical support decision system that will use this information to:

- predict any drug adverse reactions
- recommend the most effective treatments
- identify the most suitable candidates for clinical trials.

Intended to be implemented at **regional** level first (Servicio Extremeño de Salud), the project and solutions should be extended to other healthcare systems at the national level in the future.

The total funding available for this project is 5,4 M€, 70% being allocated to SMEs by the Spanish government through ERDF funds.

# THE NEED

Servicio Extremeño de Salud is looking for a clinical decision support system using data analytics/artificial intelligence to compare patient genomic profiles with biomarker literature and:

- predict and avoid adverse drug reactions
- optimize drug prescriptions
- identify the best patient profiles for clinical research.

## Endpoints

- Reduction of adverse events
- Direct and indirect cost savings
- Improvement of the R&D process

# SOLUTION REQUIREMENTS

## The solution **MUST**:

- Refer to the latest genomic/bio-marker literature and databases of adverse reactions
- Take into account patients' multi-pathology situations, multiple drug therapies

## It would be a **PLUS** if the solution could also:

- Predict drug efficacy
- Recommend dosages
- Take lifestyle choices and behaviours into account
- Include genetic testing capabilities or a partnership with a genetic testing partner
- Target adverse events in psychiatry, cardiovascular diseases and cancer treatments

## The ideal SME partner

IT and Biotech companies with the capability to lead the business in Spanish will be both considered **with no preference for local companies**.

The ideal IT partner:

- Is an expert in algorithm development and management.
- Has the capability to combine patient data from different sources between each other and with literature about biomarkers and adverse reactions.
- Is able to work with biotech companies on genetic data and markers.
- Is already partnering with a Biotech company.

## Possible Business Relationships

- Servicio Extremeño de Salud will open a tender
- Company will retain all the exploitation rights, but certain benefit will be shared also with the public entity (royalties, etc.)
- Servicio Extremeño de Salud will consider working with a single or a consortium of companies

# PROCESS AND TIMELINE

NOW is the right time to express your interest!  
[Click here to submit your solution.](#)



## LAUNCH CALL FOR APPLICATION

November 2018



## APPLICATION PERIOD CLOSING

December 2018



## REVIEW OF APPLICATIONS BY Servicio Extremeño de Salud

January 2019



## FINAL FEEDBACKS FROM Servicio Extremeño de Salud AND SELECTION OF POTENTIAL PARTNERS

February 2019

## The official process

This Solution match is a pre-screening process

Selected partners will need to candidate through the official process in the open public procurement through Servicio Extremeño de Salud (in Spanish)

The open market consultation will start at the national level with the ambition to go global in the future.

It should take six months from now for Servicio Extremeño de Salud to obtain all the procurements.



# THE INFORMATION YOU WILL NEED TO APPLY...



## ABOUT YOUR COMPANY

- ❖ Name of your organization
- ❖ Year founded
- ❖ Number of employees
- ❖ Your main area(s) of activities
- ❖ Your specialization: Medical device, 3D printing, software, voice recognition...
- ❖ Headquarters location
- ❖ Annual revenues in €
- ❖ Total number of current clients
- ❖ Key markets
- ❖ Website URL
- ❖ Brief solution description
- ❖ Link to a video presentation (optional)
- ❖ Please, list your most important markets
- ❖ Can you provide customer references?
- ❖ If Yes, please specify
- ❖ Would you agree to candidate through the Government of Extremadura official process?



# THE INFORMATION YOU WILL NEED TO APPLY...



## ABOUT YOUR SOLUTION

- ❖ Does your solution integrate genetic testing?
- ❖ Does your data base include biomarkers data sets?
- ❖ Does your data base include adverse events data sets?
- ❖ Does your solution use medicine data bases?
- ❖ If Yes, which ones
- ❖ Do you use your own algorithms or existing api?
- ❖ How do you assess your algorithms?
- ❖ Do you have a partnership with a biotech company?
- ❖ Does your solution use measurable outcomes?
- ❖ Patient outcomes?
- ❖ Cost saving benefits?
- ❖ Is your solution interoperable?
- ❖ Please describe your data security framework
- ❖ Select the conditions your solution can monitor
  - ❖ Psychiatry
  - ❖ Cardiovascular diseases
  - ❖ Cancers
  - ❖ Others (which ones)?



## ABOUT Servicio Extremeño de Salud

Servicio Extremeño de Salud (SES) is the public Healthcare System in Extremadura that involves 14 hospitals with around 3000 beds, 113 Community Health Centers, 420 Primary care Centers and over 18000 professionals. SES is managed by a powerful Healthcare Information System (JARA) that provides 100% electronic prescription and an integrated medical record (primary and specialized care).

<https://saludextremadura.ses.es/web/>

## ABOUT FundeSalud

FundeSalud is the Public Foundation ascribed to the Regional Ministry of Health and Social Services at the Government of Extremadura that manages both research and education programs at the Regional Healthcare (SES) and Dependency/Sociosanitary System (SEPAD). In addition, FundeSalud works in collaboration with the University of Extremadura (UEx) and other public or private research centers, providing resources, staff and facilities to develop any biomedical research activity in the autonomous region of Extremadura (Spain).

[www.fundesalud.es](http://www.fundesalud.es)





European eHealth business support

## Your contact:

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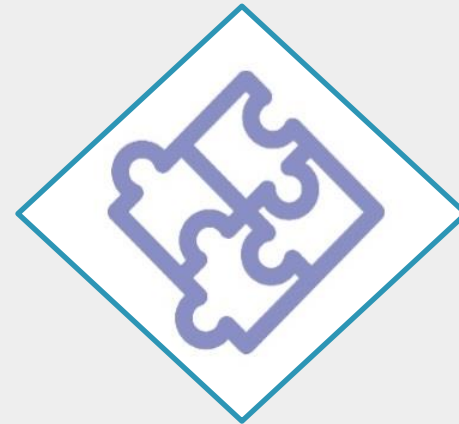
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BUSINESS MODELLING



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## About eHealth Hub:

*Boosting The EU Digital Health Ecosystem!*

eHealth Hub is an EU-funded project with the mission to provide long-term support to eHealth stakeholders and address key challenges facing European SMEs in that space.

## About Solution Match:

Solution Match is one of 5 services offered by eHealth Hub, which focuses on accelerating the commercialization of European digital health solutions.

Working closely with demand-side stakeholders, Solution Match supports care providers, pharma companies, insurance groups and large IT vendors with the scouting and filtering for fit of solutions responding to their very specific needs and requirements.