

RaDAR Info Day Osakidetza

This presentation is an indication of a potential future procurement activity and is subject to change until the publication of the RfT All the information regarding RaDAR project will be published on the following website:

https://radar-ppi.com/





Co-funded by the COSME programme of the European Union



OSAKIDETZA: Basque Health Service

Osakidetza



Provides medical assistance to the population of the Basque Country: Approximately 2M inhabitants.

Integrated Health Care Model composed by:

- 37 hospitals.
- 160 primary care centers.





Internal microbiology laboratories.

Map of the Basque Country: Integrated Health Care Model of Osakidetza.



Osakidetza - pilot in Donostialdea IHO



Activity

Donostialdea IHO: Donostia UH (1) and Primary Care (23)

Reference population	Length of stay (Donosti UH)	ER admissions (Donosti UH)
330.342	5,2	26.447
Beds (Donosti UH)	Discharges (Donosti UH) 53.012	Petitions to microbiology lab (Donosti UH) 66.583

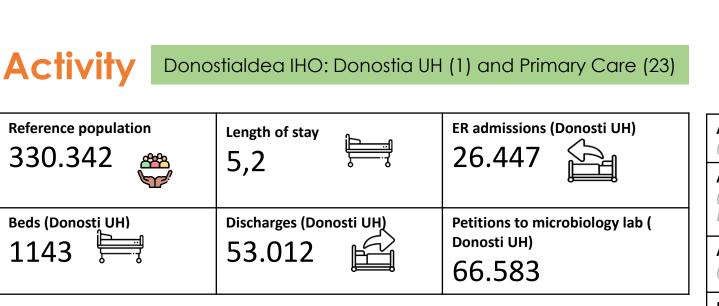
Procurement budget

500.000 € (VAT included)

30% of the total procurement budget will be co-funded by the EC







Osakidetza - pilot in Donostialdea IHO

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Data provided by Biogipuzkoa (Activity average, 2018-2022 / AMR 2021)

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Osakidetza

AMR relevant data

Donosti UH laboratory

Average infections per year (S.Aureus, K.pneumonia, E.Coli and E.Cloacae)	15.918
Average resistant infections per year (MRSA, CP and ESBL K.pneumoniae, CP E.Coli and CP E.Cloacae)	403
Average bacteremia per year (K.pneumoniae, E.Coli and E.Cloacae)	499
Positive rate (+/petitions) (S.Aureus, K.pneumonia, E.Coli, C.Difficile and E.Cloacae)	10%
Positive rate with resistant microorganism (MRSA, CP and ESBL K.pneumoniae, CP E.Coli and CP E.Cloacae)	0,2%
Positive rate – bacteremia (K.pneumoniae, E.Coli and E.Cloacae)	0,3%



RaDAR solution

Pharmacy Information

System

Hospital and

collect, retrieve by interoperating (His), store, process and visualize

Primary Care · Patient data summary visualization Patient Rapid Real time result communication **Detection and** Patient protocol follow-up selection and task assignment Management Incentivize the adherence to guidelines and protocols Information System Structured data collection, assessment and visualization Configuration tools and back-end management Ť RaDAR Both systems should include: Training for professionals Local Assessment of RaDAR user access, maintenance and training to use RaDAR RaDAR performance monitoring system server Technical support and Remote support from the stewardship team and/or other key stakeholders 1. Patient Rapid (Health professionals communication system) maintenance Detection and Management System Sends manually entered patient-Manually entered 2. Onsite and level results to server Pathogen Decision Patient-level RaDAR Support System · Onsite and pathogen infection control system ø **Onsite and** results · Real time result communication Pathogen Support Incentivize the adherence to guidelines and protocols Sends diagnostic / screening System Structured data collection, assessment and visualization outcome to server Rapid MDRO detection ø System (PoC and/or environmental) RaDAR solution: Receives info from the document management nlatform aDAK solution: Receives IIII Internation Interoperable engine 203 RaDAR solution: Digital guidelines and RaDAR solution: Object of the Push XML, CSV, protocols Receives info from PDF for the HIS visualization + push relevant data Contract Interoperable engine This information is an indication of a potential future **Hospital Information System** procurement activity and is subject to change until the publication of the RfT Laboratory Information Patient Administration Nursing Information System System Information (Standard detection system of MDRO) System

Managerial

Information System

Electronic Health

Record



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Users with access:

- Near to patient healthcare

professionals (Hospital and

Primary Care)

Microbiology team professionals

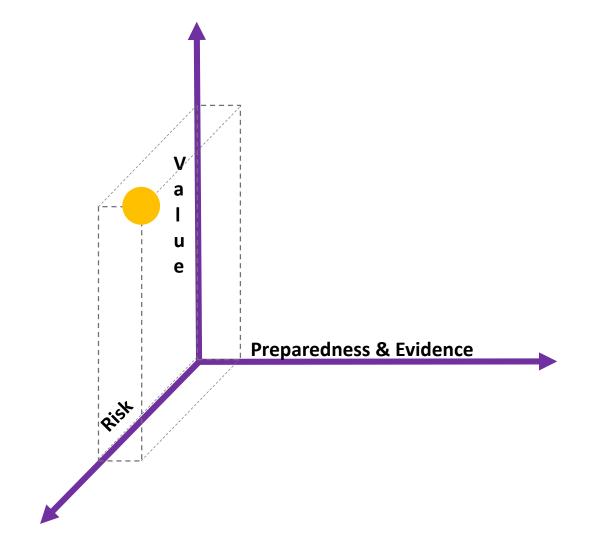
Pharmacy team professionals

Stewardship team

- Onsite management

Financial management team

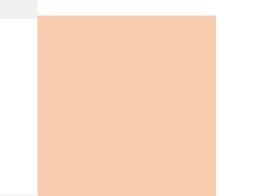
Levels of Osakidetza value, risk, preparedness and evidence





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