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Reutilizar y compartir datos de Salud aplicando los principios FAIR

Infors@Iud 2020

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Servicio Andaluz de Salud

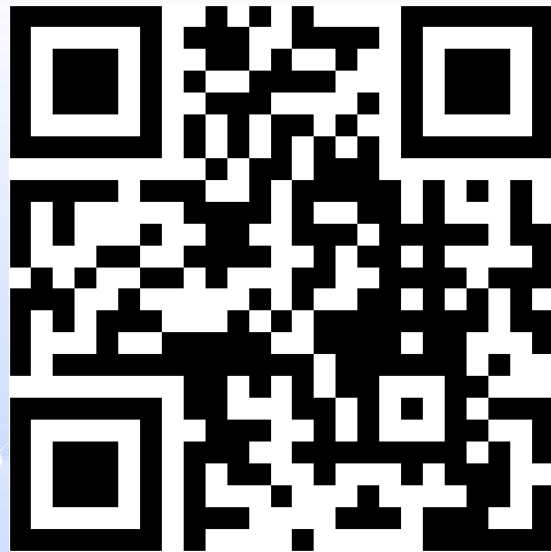
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824666



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Commission



¿Cómo valoras que tus datos de salud se utilicen para investigación siguiendo los principios FAIR?



Los principios FAIR

Wilkinson, M. D., et al. (2016). The FAIR Guiding Principles for scientific data management and stewardship. *Scientific data*, 3



FINDABLE



ACCESSIBLE



INTER-
OPERABLE



REUSABLE



Fuente de la imagen: <https://kidsfirstdrc.org/news/fair-data/>

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Improving Health Research in EU through FAIR data



EC funding: 2,999,053.75 €

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Objetivos

Facilitar y animar a la comunidad investigadora en Salud a **FAIRificar, compartir y reutilizar** sus conjuntos de datos obtenidos mediante **financiación pública**, a través de la demostración del impacto que esta estrategia tendría para la **investigación en salud y en la asistencia**






1. ESTRATEGIA DE CONCIENCIACIÓN

2. HOJA DE RUTA PARA LA CERTIFICACIÓN DE DATOS FAIR

3. DESARROLLO DE LA TECNOLOGÍA NECESARIA

4. DEMOSTRAR EL IMPACTO MEDIANTE 2 CASOS DE USO

Datasets

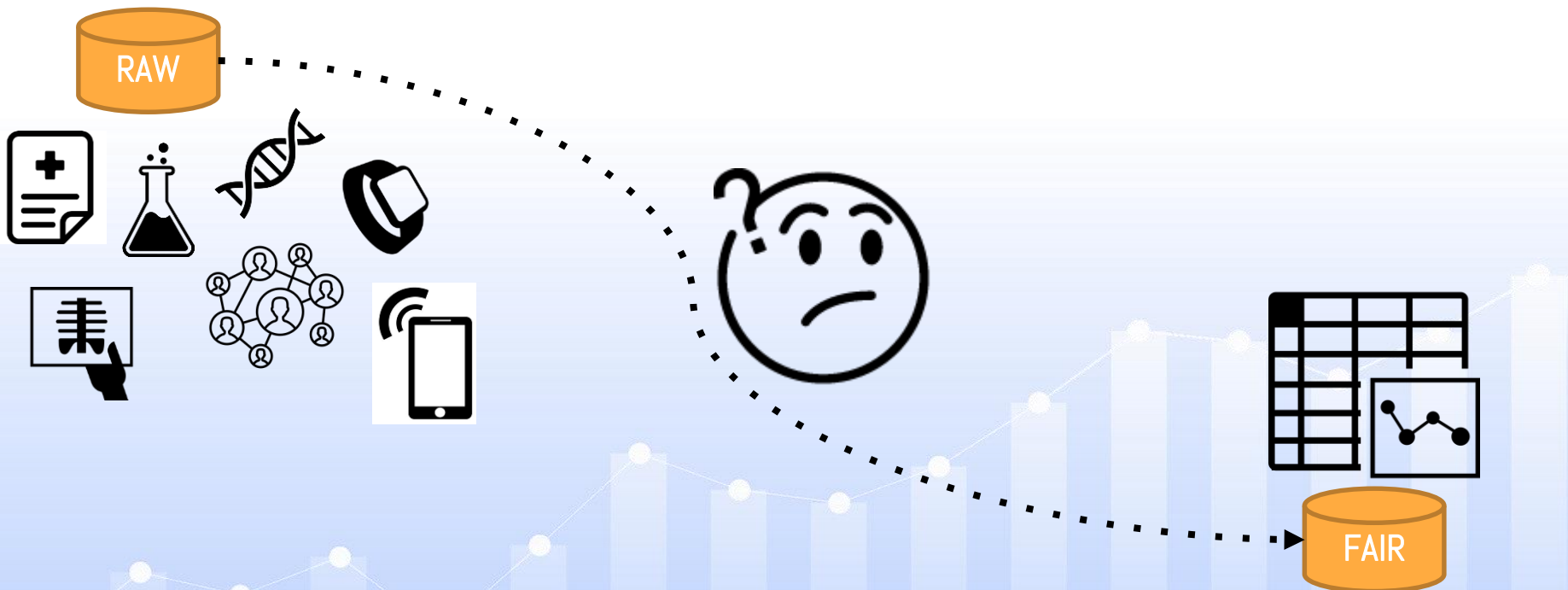
Name	The EpiChron Cohort	
Owner	SHELTER	
Funding Source	DPIData	
Owner	IBENC	
Funding Source	EPAN SURVEY	

Datos de Salud de **5 millones** de pacientes

Owner	Virgen del Rocío University Hospital (SAS)
Funding Source	Public funding for healthcare delivery, not for research
Size	2.32 million EHR with information about 18.83 million clinical episodes.

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Problema a resolver



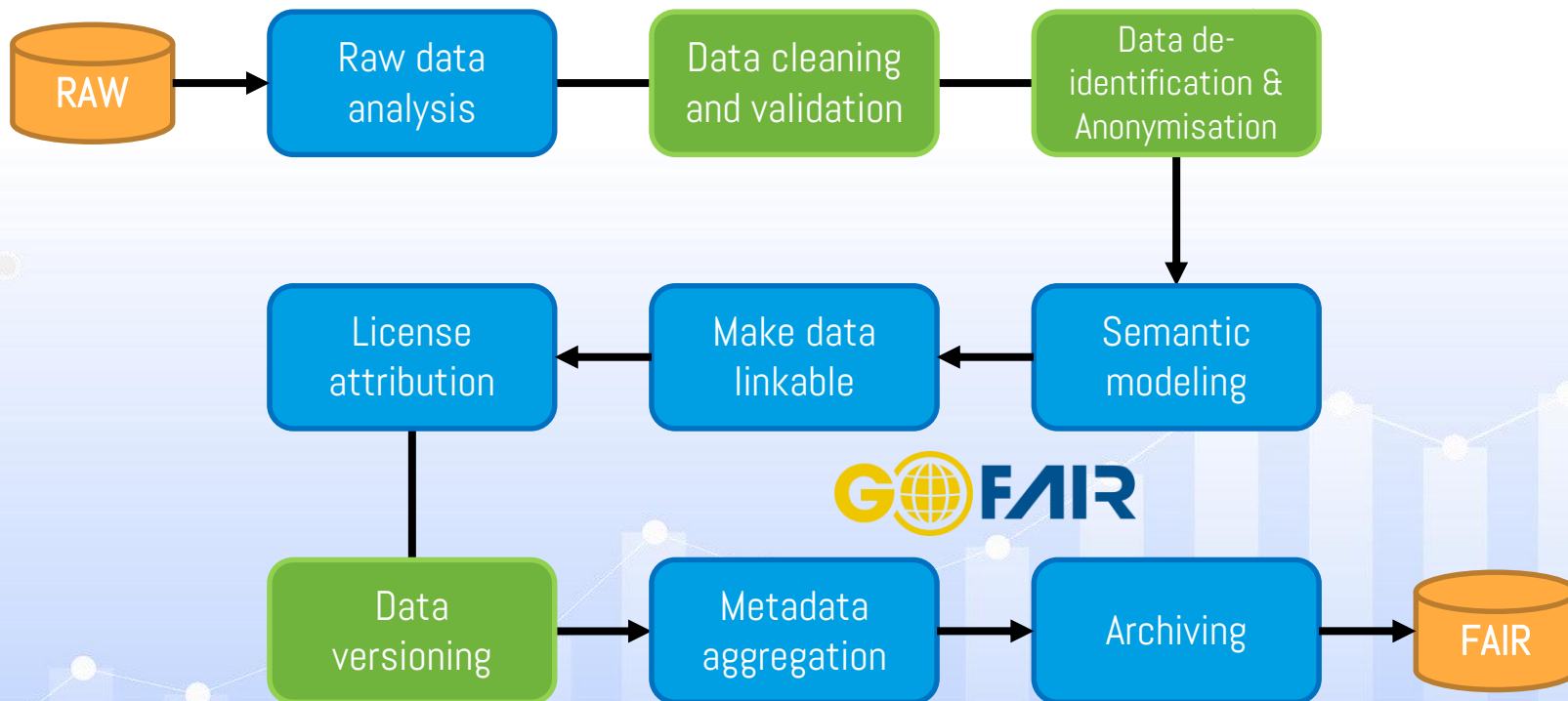
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FAIRification workflow



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Casos de uso

Servicios innovadores basados en la reutilización de datos FAIR

#1 Servicio de **descubrimiento de patrones de asociación de enfermedades crónicas** en pacientes con comorbilidad y demostración de la **reproducibilidad de la investigación**

#2 Servicio de **predicción del riesgo de reingreso a 30 días** en pacientes con EPOC



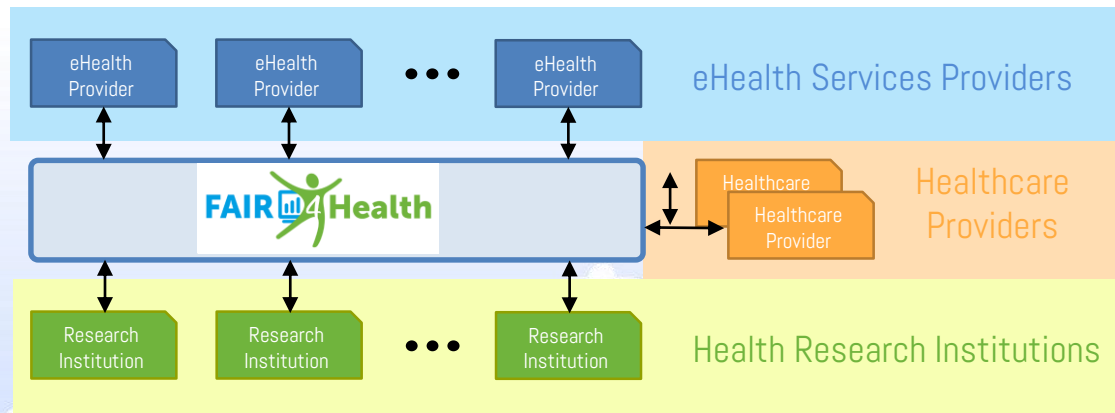
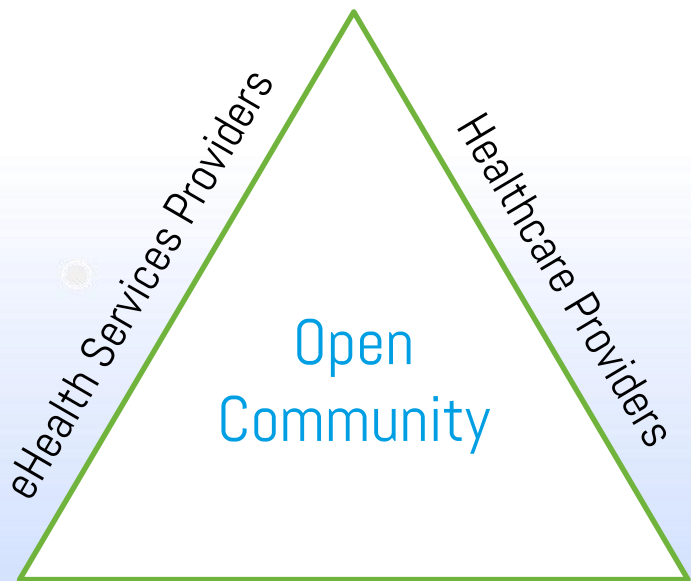
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Visión



Health Research Institutions

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¡Gracias!



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