

# Atos Research & Innovation

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Ivo Ramos - Health Sector

11-05-2018

# Structure

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- ▶ **Colaborative care:**

- HarmonicSS
- Pocket mHealth

- ▶ **Analytics:**

- CrowdHEALTH

▶ **HarmonicSS : H2020-SC1-2016-RTD funded by EU grant 731944**

Harmonization and integrative analysis of regional, national and international Cohorts on primary Sjögren's Syndrome (pSS) to improve stratification, treatment and health policy making disease.

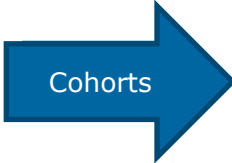
**To create an International Network and Alliance** of partners and cohorts, to address the needs in pSS

**To create a platform** with secure storage, analytics, access control, **providing results of analyses** comparable across centers and Rheumatology scientific associations

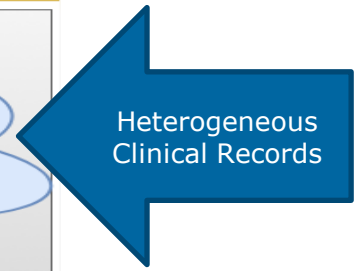
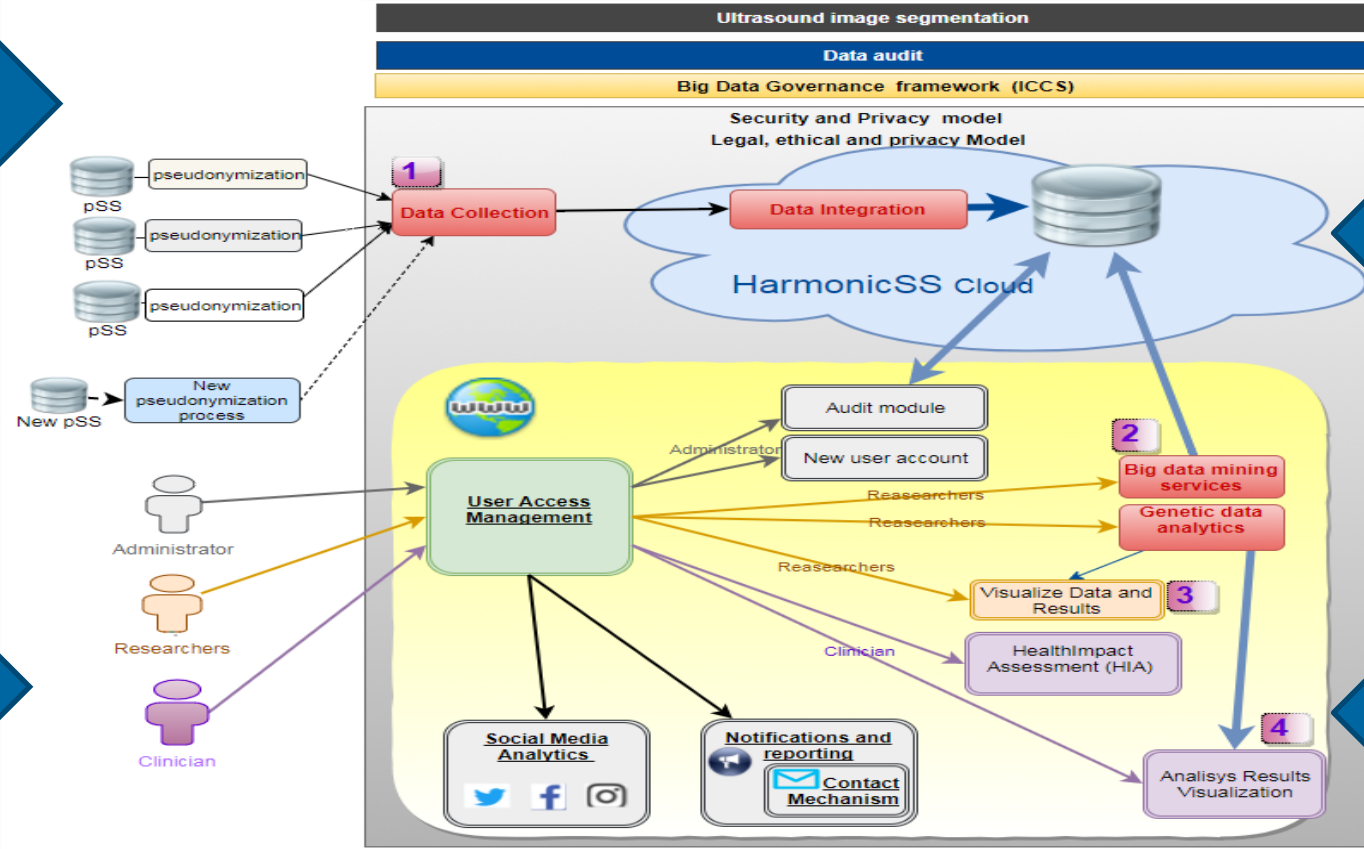
# Collaborative care



HarmonicSS



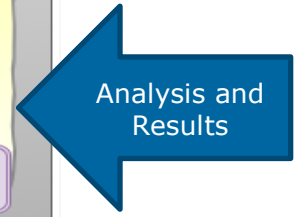
Cohorts



Heterogeneous Clinical Records

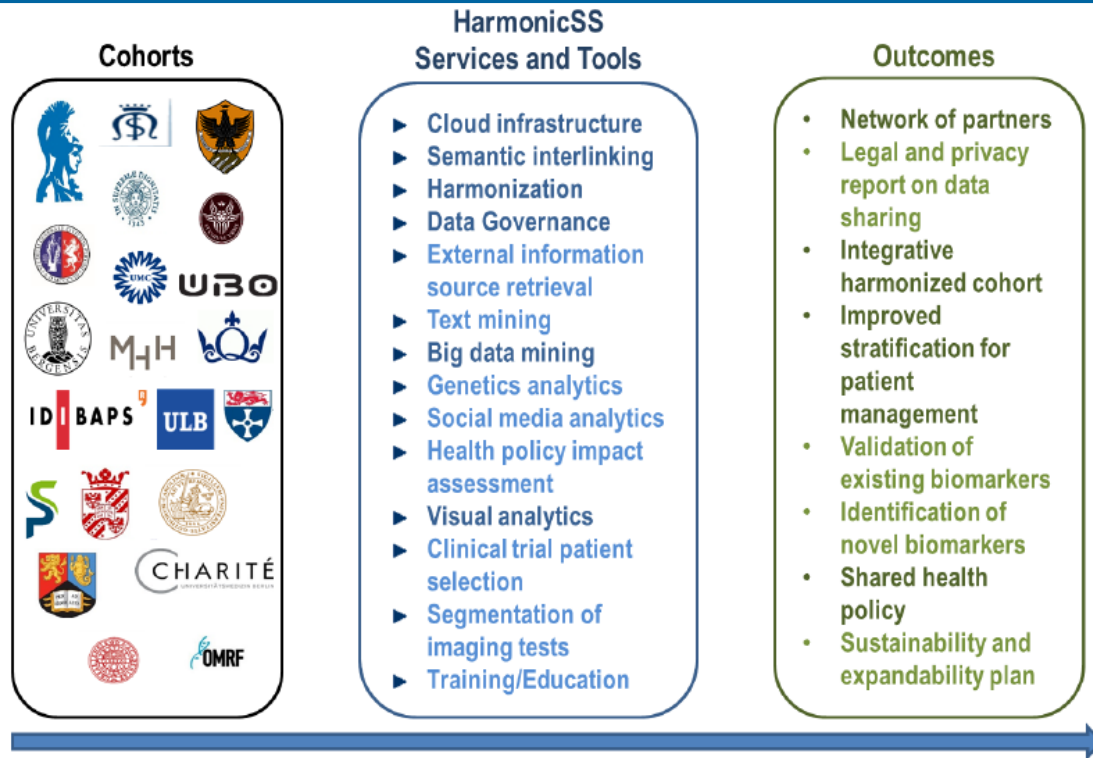


Actors



Analysis and Results





## ► **Pocket mHealth (Atos start-up initiative)**

a patient oriented *smartphone application* and *desktop applications* installed at healthcare stakeholders systems with access to the HIS

The mobile application *allows carrying, accessing and transferring the personal medical information in a standardized Electronic Health* (like openEHR/EN13606 and HL7 FHIR, and SNOMED-CT)

The *tools installed at the hospitals* allow *accessing the HIS, normalizing the clinical data and transferring the record* to the smartphone using Bluetooth

Awarded **Best Innovation Idea 2016** (category Management) by DiarioMedico

# Collaborative care



*Interoperability, security and easy access...*

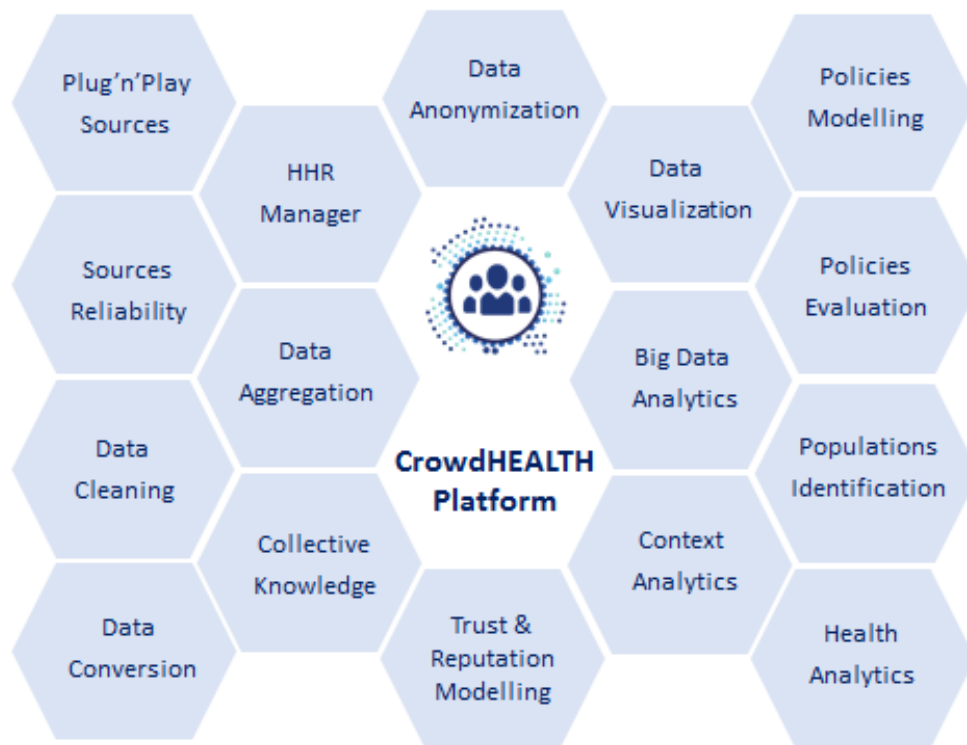
▶ **CrowdHEALTH: H2020-SC1-2016-CNECT funded by EU grant 727560**

Creation of an ICT platform to **provide decision support to public health authorities for policy creation**, through the exploitation of knowledge of multiple information sources

**To provide Data as a Service towards policy makers**, enabling them to use causal and risk stratification mechanisms

**To simplify policies evaluation and optimization** through visualizations of **simulations and outcomes** of evidence





# Thank you

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For more information please contact:  
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The Atos logo is displayed in a white, bold, sans-serif font. The letters 'A', 't', 'o', and 'S' are connected, with the 't' and 'o' sharing a vertical stem. The 'S' is slightly larger and more prominent than the other letters.