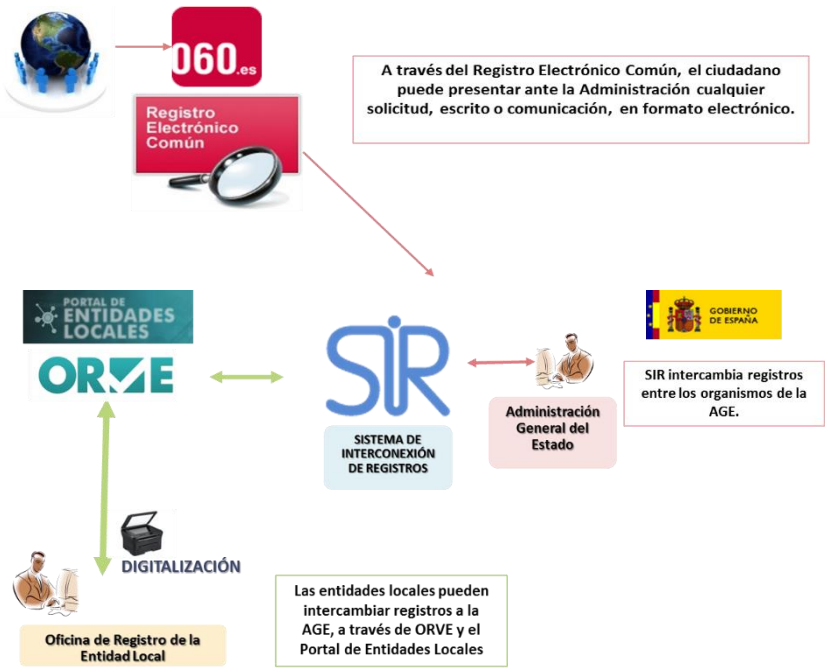
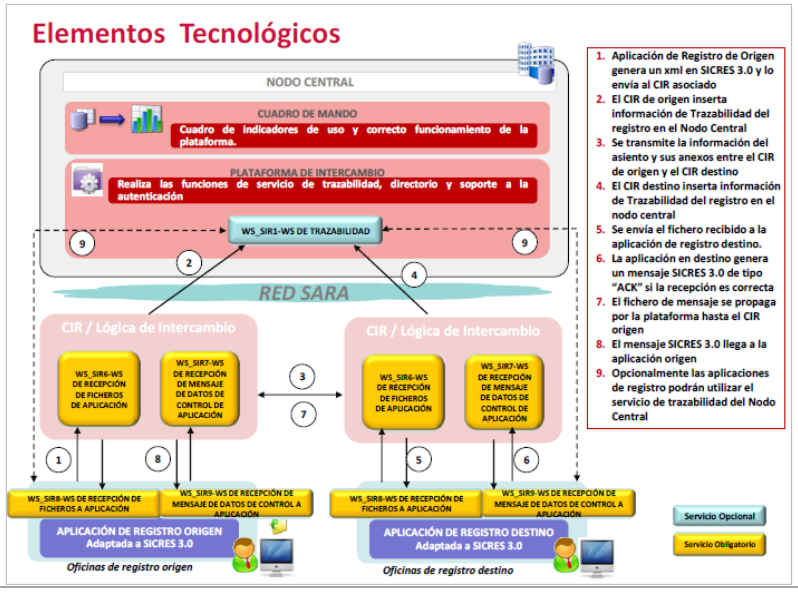
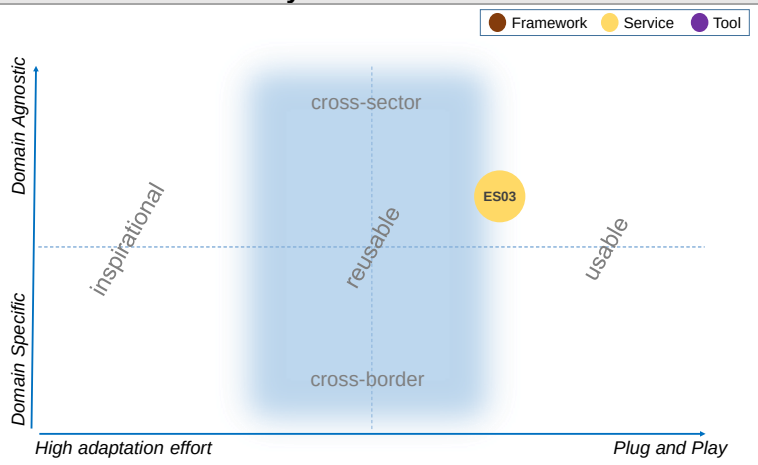
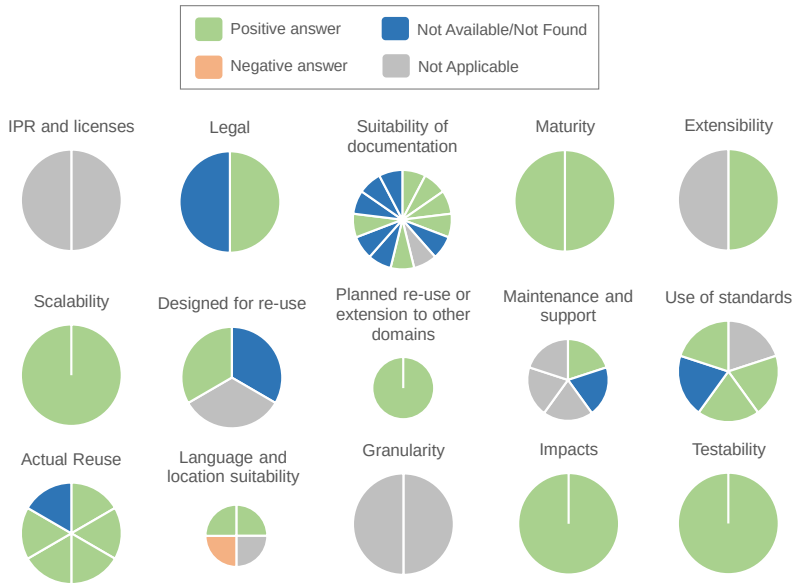
[ES03] Sistema de Interconexión de Registros (SIR)

Sistema de Interconexion de Registros (SIR)	
Summary	
ID	ES03
Initiative	CTT
Short description	The System for registers interconnection is the basic infrastructure that enables the exchange of record entries between public administrations. Through SIR, this exchange of information is carried out safely and with legal compliance, regardless of the implementation of registration used, provided that is certified in standard SICRES 3.0
Owner	MINISTRY OF FINANCE AND PUBLIC ADMINISTRATION SPAIN
Contact	gestion.sir@seap.minhap.es
Type	Service
Sub-Type	Infrastructure
Context	Cross-sector
Base Registry type	All
Operating model	Network service integrated in customer's applications. The introduction of SIR reduces the transit of paper between administrations, increasing the efficiency and eliminating the costs of handling and transfer paper, thanks to the creation of certified copies of electronic documentation submitted in the register.
IPR	Not Applicable as it stated in the CTT (Spanish Centre for Technology Transfer).
Status	Operational
More details	
Aggregated business need	ABN – 8 Need for a technology solution enabling the data exchange
Functionalities	To respond to these needs for improvement and efficient public administration and service to the citizen, the system of interconnection of registers was developed, as the basic infrastructure which enables the exchange of electronic records between public administrations. Through SIR, this exchange of information is carried out safely and with legal compliance, regardless of the implementation of registration used, provided that is certified in standard SICRES 3.0. The introduction of SIR permits to eliminate the passage of paper between administrations, increasing the efficiency and eliminating the costs of handling and transfer paper, thanks to the creation of certified electronic messages. **Requirements and Integration modes** OPTION 1: COMMON SERVICES Use of the services AWR, ORVE, GEISER or SIGM, which is also available on the Portal.

	OPTION 2: THROUGH THE CERTIFICATION OF THE APPLICATION FOR REGISTRATION OF THE ENTITY. Certified application to SICRES 3.0 and SIR allows, in addition to normal functionalities, the interconnection of registers with other integrated Administration. Implies a technical and economic investment by the agency concerned. Once adapted or implemented, it is necessary to go through the sequence of evidence of certification SICRES3.0 / SIR, in coordination with the office of MINHAP certification. As a tool to support tool, SICRES-Tester is available. Is also required to install the component of Registration Exchange (CIR) in the systems of the agency concerned.
Design/Architecture	**Functionality** The system gets the files of information of control in format SICRES 3.0 generated for the application of record of origin. Besides offering an interface of exchange of files of message to the application, this web service validates the file of received message, signs the information to sending, and sends the file of message to the distributed target node, notifying to the central node of the suitable conditions of traceability. **Location** Resides in every distributed node (CIR). **Clients** Applications of Record - Send the file of information of control for his distributed associate node. 

	
Technologies	Programming language: J2EE
Specifications	XML
Management	Not Available/Not Found
Governance	Not Available/Not Found
Sustainability	Not Available/Not Found
Documentation	Click Here: 01 Click Here: 02 Click Here: 03
ADMS	Not Available/Not Found
Current Users	Not Available/Not Found
EIRA	
View	Technical View - Application
Building Block	Application Service
Reusability	
Landscape	

Criteria	
	

Positive answer
Not Available/Not Found
Negative answer
Not Applicable
IPR and licenses
Legal
Suitability of documentation
Maturity
Extensibility
Scalability
Designed for re-use
Planned re-use or extension to other domains
Maintenance and support
Use of standards
Actual Reuse
Language and location suitability
Granularity
Impacts
Testability