[BR02] Architecture approach - Hybrid

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Summary	
ID	BR02
Initiative	BRIS
Short description	Centralised system with hybrid access to the common set of free data
Owner	DG JUST Unit A3
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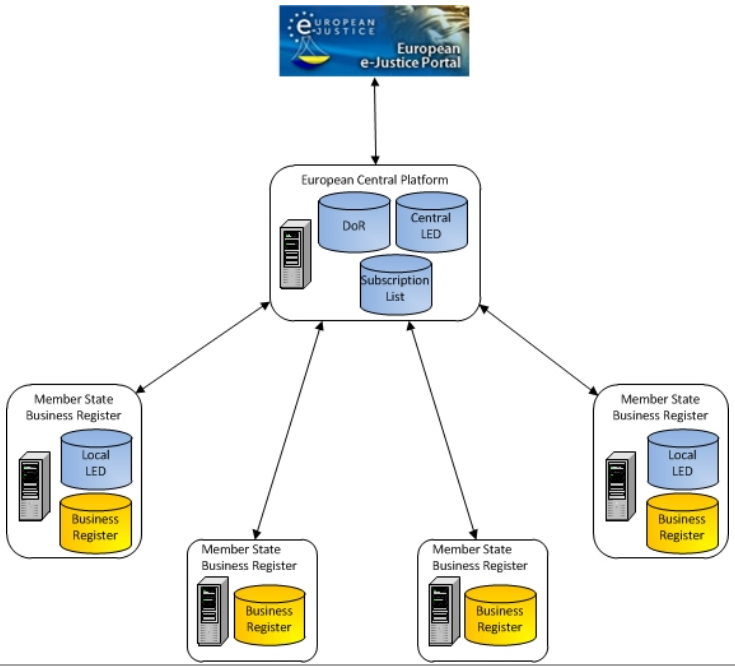
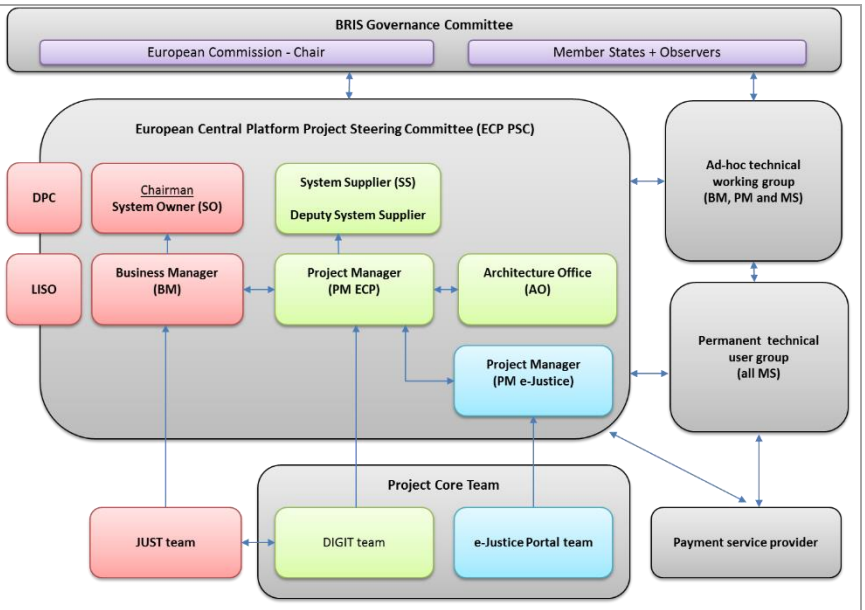
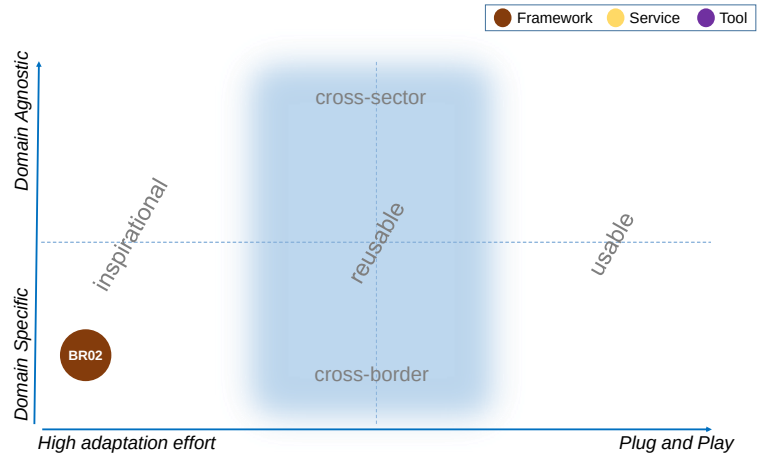
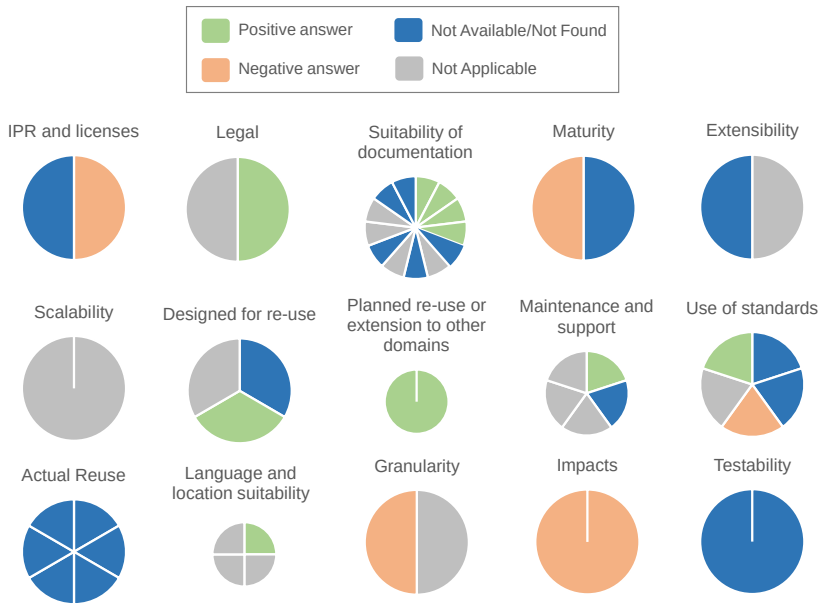
Type	Framework
Sub-Type	Specification
Context	Cross-border
Base Registry type	Business
Operating model	This strategy as concept can be apply in multiple sectors and/or contexts. It is an alternative when facing architectural challenges.
IPR	Not Available/Not Found
Status	Other (construction)
More details	
Aggregated business need	ABN – 8 Need for a technology solution enabling the data exchange
Functionalities	The European Central Platform (ECP) coordinates all the interactions with the European e-Justice portal and with the domestic business registers. For the business registers that are willing to do so, the ECP stores an indexed copy of the common set of free data in order to optimise the functioning of the BRIS system. For the other business registers, the ECP does not store an indexed copy of the common set of free data but supports a decentralised access to these data. The ECP also stores and maintains a subscription list to ensure that branch disclosure events are notified to only those business registers that are concerned. The operational data needed to access the domestic business registers is stored and maintained centrally by the ECP.
Design/Architecture	

	- 'Directory of Registers' (DoR) containing the identification data of the business registers of the Member States. The DoR allows to identify how to access the business registers. - Central 'Legal Entity Data' (LED); this data set contains – only for the Member States that are willing to participate – an indexed copy of the common free data of all registered companies. The central LED is only a copy of the common free data that the participating business registers send to the Platform for indexing purposes. This central LED allows the ECP to support a fast and consistent simple search for all participating business registers (i.e. a search that only uses the common free data of a company) without having to send a separate search request to each participating business register. The Member States that does not participate in the central LED should create a local LED. This local LED must offer the same features and must behave in the same way as the central LED as to the searching of companies and branches. These local LEDs should adhere to service level agreements that will be put in place to ensure an acceptable response time for the search requests sent to these local LEDs, and thus to ensure an acceptable response time for the end-users of the e-Justice Portal. - Central 'Subscription List' (SUB); this data set contains, for each business register, the EUID of the parent companies of all branches that are registered in that business register. The 'subscription' means that the register where a branch is registered, informs the ECP that it is interested to receive notifications related to the parent of that branch (hence the need to store on the platform the EUID of the parent company). By combining the subscription lists of all business registers, the ECP knows which business registers to inform in case it receives a branch disclosure event notification about a company. This central SUB allows to send a branch disclosure event notification about a company to and only to those business registers that have expressed an interest in receiving branch disclosure event notifications about that company.
Technologies	The implementation of the BRIS technical interoperability layer is intended to be based on the e-Delivery solution developed by the e-Sens Large Scale Pilot.
Specifications	Semantic interoperability: use of the Core Business Vocabulary developed by the ISA programme Technical interoperability: protocols and specifications in the e-Sens' e-Delivery solution.
Management	Not Available/Not Found
Governance	Not Available/Not Found

	
Sustainability	Not Available/Not Found
Documentation	BRIS vision
ADMS	Not Available/Not Found
Current Users	Not Available/Not Found
EIRA	
View	Technical View - Application
Building Block	Technical Specification
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