



eInfra Central

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Κατάλογος υπηρεσιών του European Open Science Cloud



29 Νοεμβρίου 2018,

Συμπόσιο "Ανοικτή Επιστήμη στον ελληνικό ερευνητικό ιστό: Ερευνητικές Διαδικασίες, Ερευνητικά Δεδομένα, Συνεργασίες"



HELLENIC REPUBLIC
National and Kapodistrian
University of Athens



What is eInfraCentral?



Core objectives & Outputs



A Common Service Model for service management and exchange



eInfraCentral portal : a gateway for end-users to a **harmonized Catalogue of services**



Tools & Recommendations for Service providers for the development of the EOSC catalogue.

Your Gateway for European Services for Research

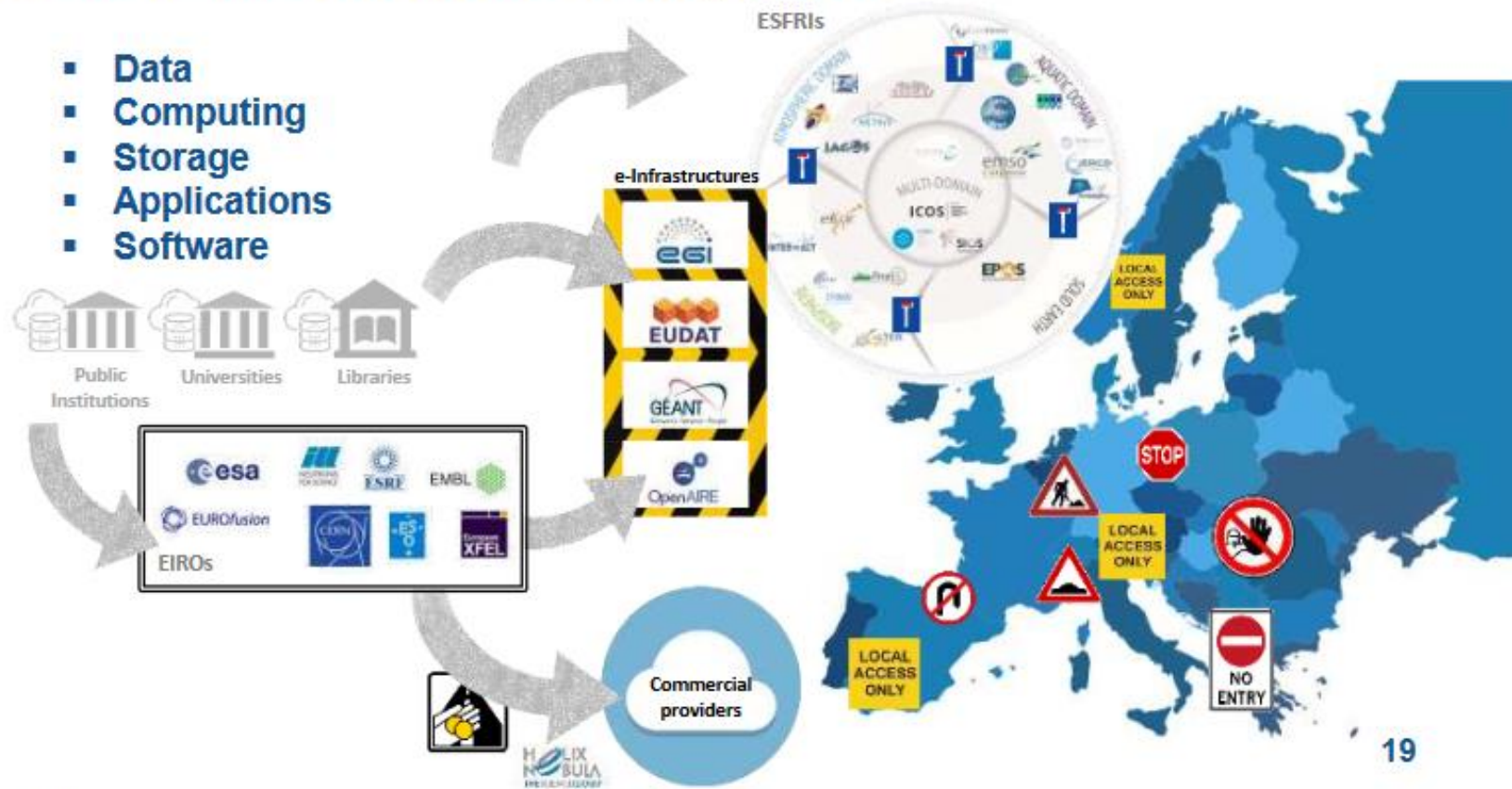
WHICH SERVICE ARE YOU LOOKING FOR?

SEARCH

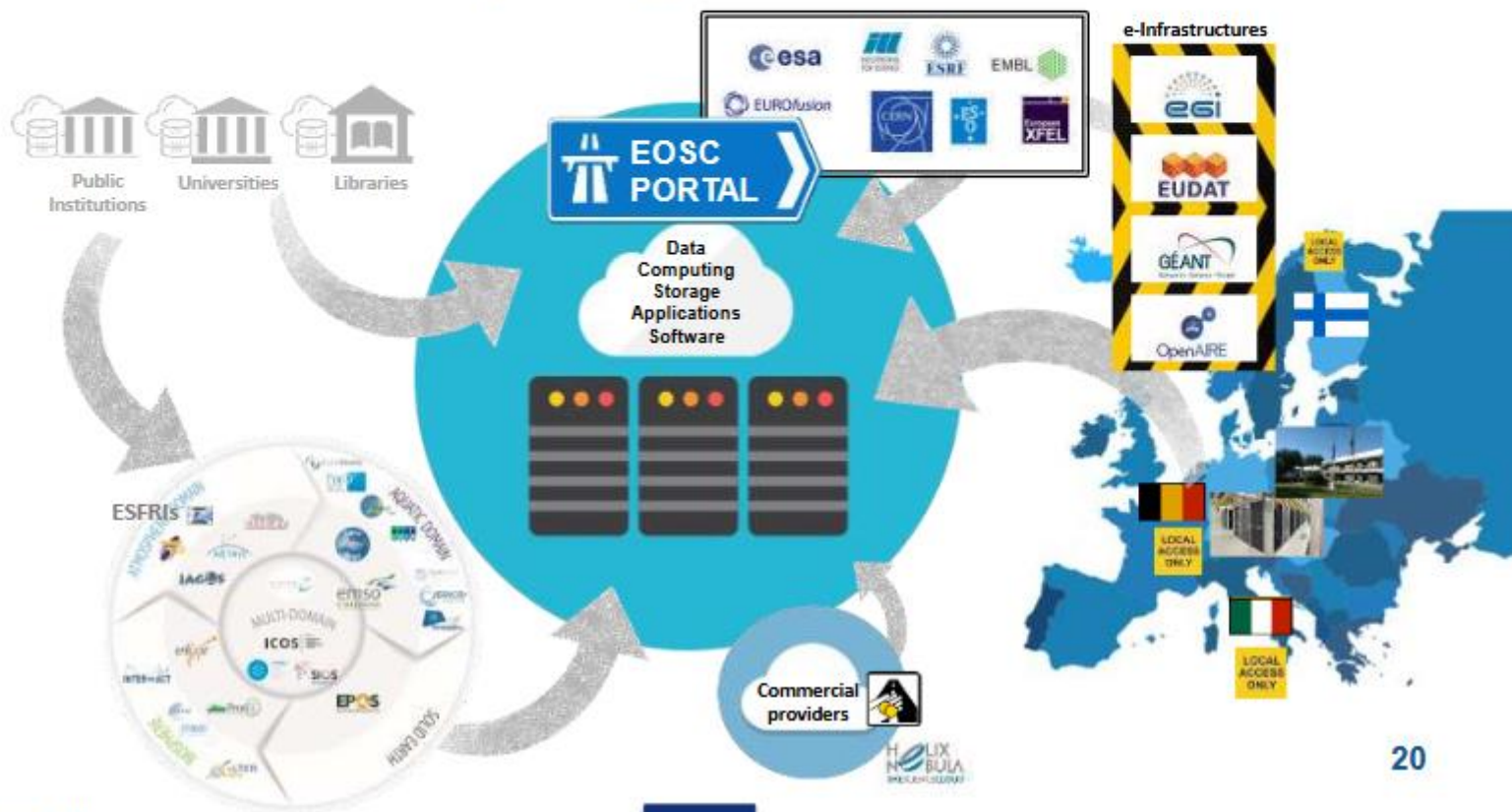
feedback

European Open Science Cloud Main Objective

D. Under the current model, fragmentation and uneven access to information would prevail



D. A totally centralized system (e.g. 'EU Google') would not be realistic nor accepted by Member States



D. Under the federated model, access to data would be universal, building on a strong legacy





**EUROPEAN OPEN
SCIENCE CLOUD
CATALOGUE**

**Eosc Launch
23 Nov 2018**

<http://catalogue.eosc-portal.eu/>

Your Gateway for European Services for Research

WHICH SERVICE ARE YOU LOOKING FOR?

SEARCH

150 services and resources offered by 16 SPs from the public and private sector

**AAI
authentication**

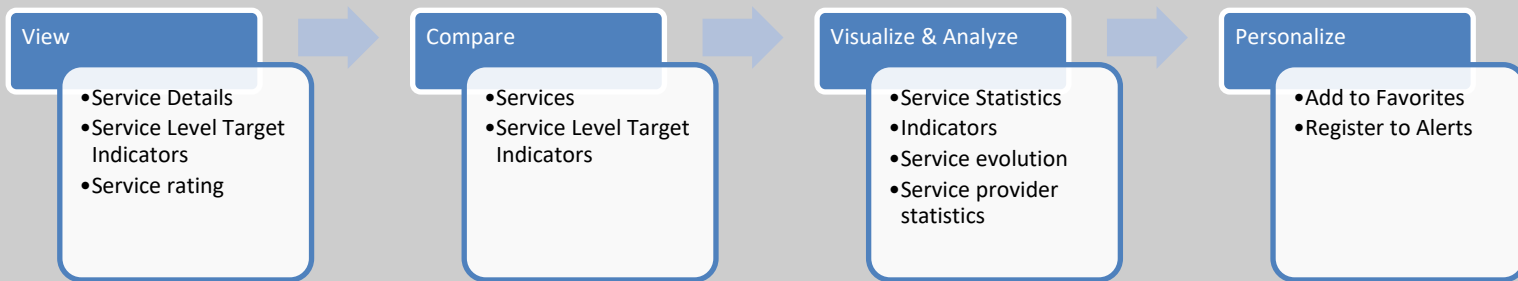
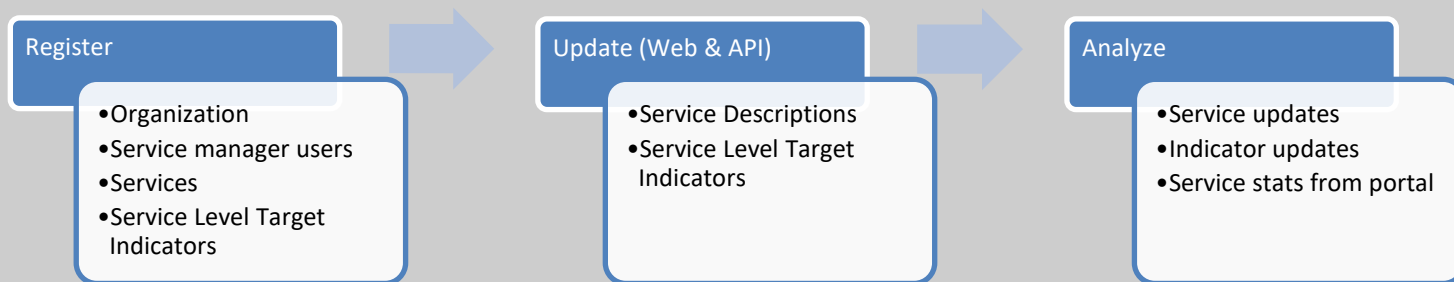
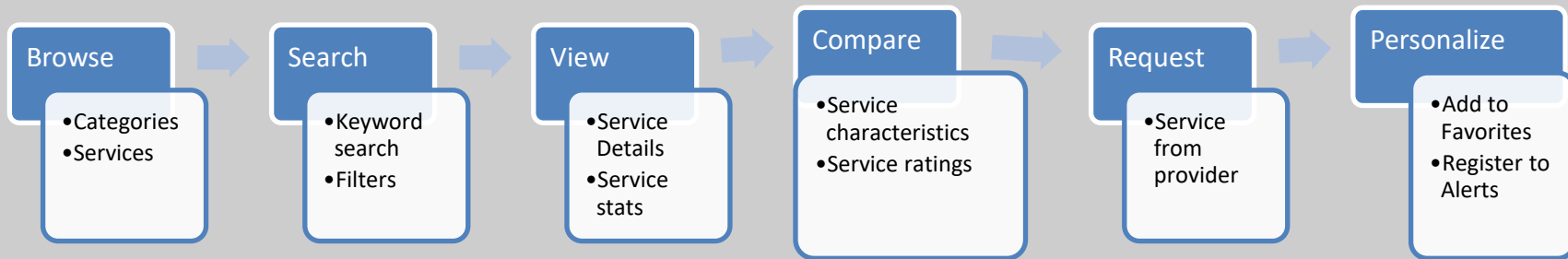
Highlighted Services

Catalogue of services and resources



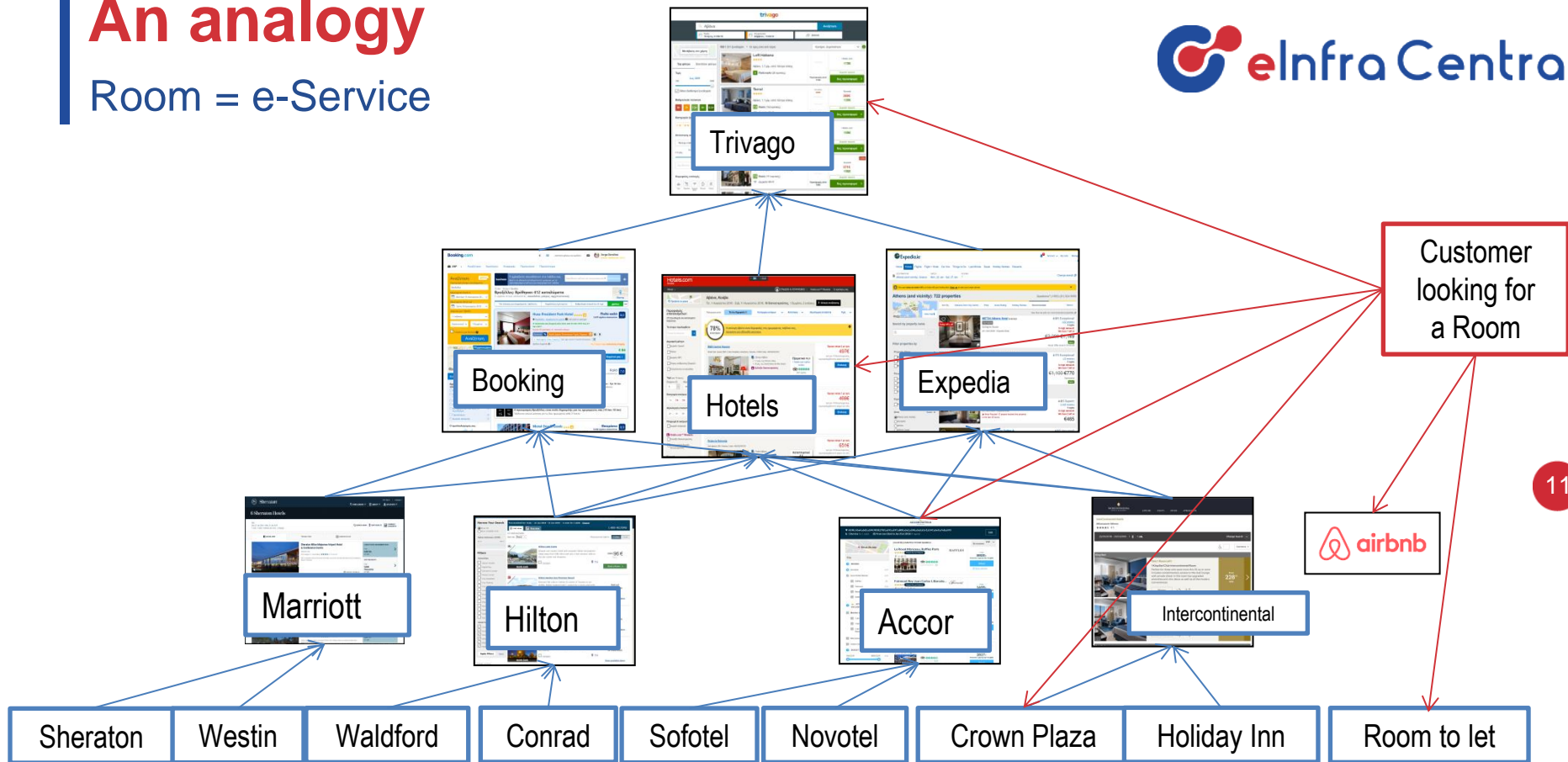
The eInfraCentral catalogue provides single-point access to more than 150 services and resources from 16 SPs from the public and private sector



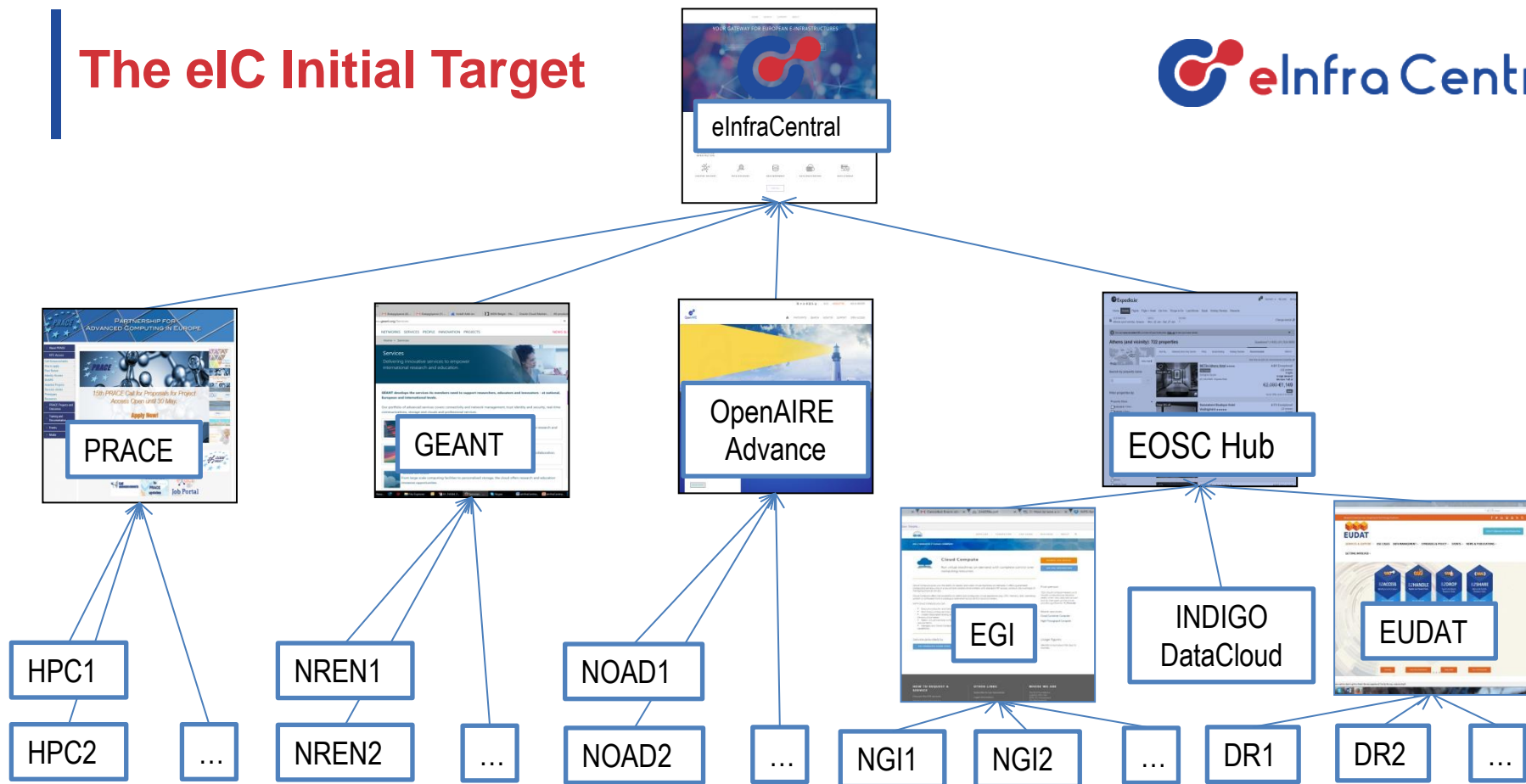


An analogy

Room = e-Service



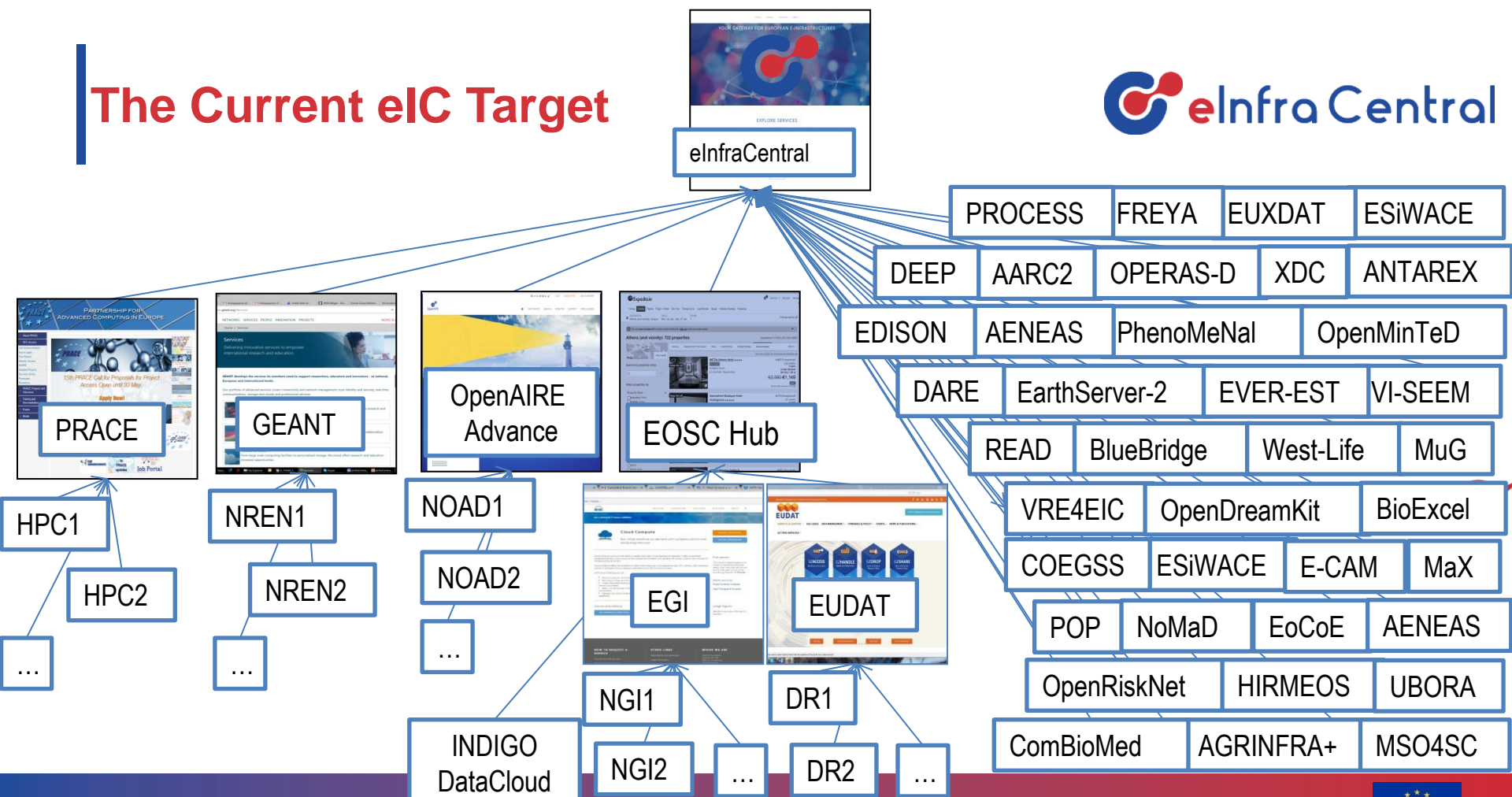
The eIC Initial Target



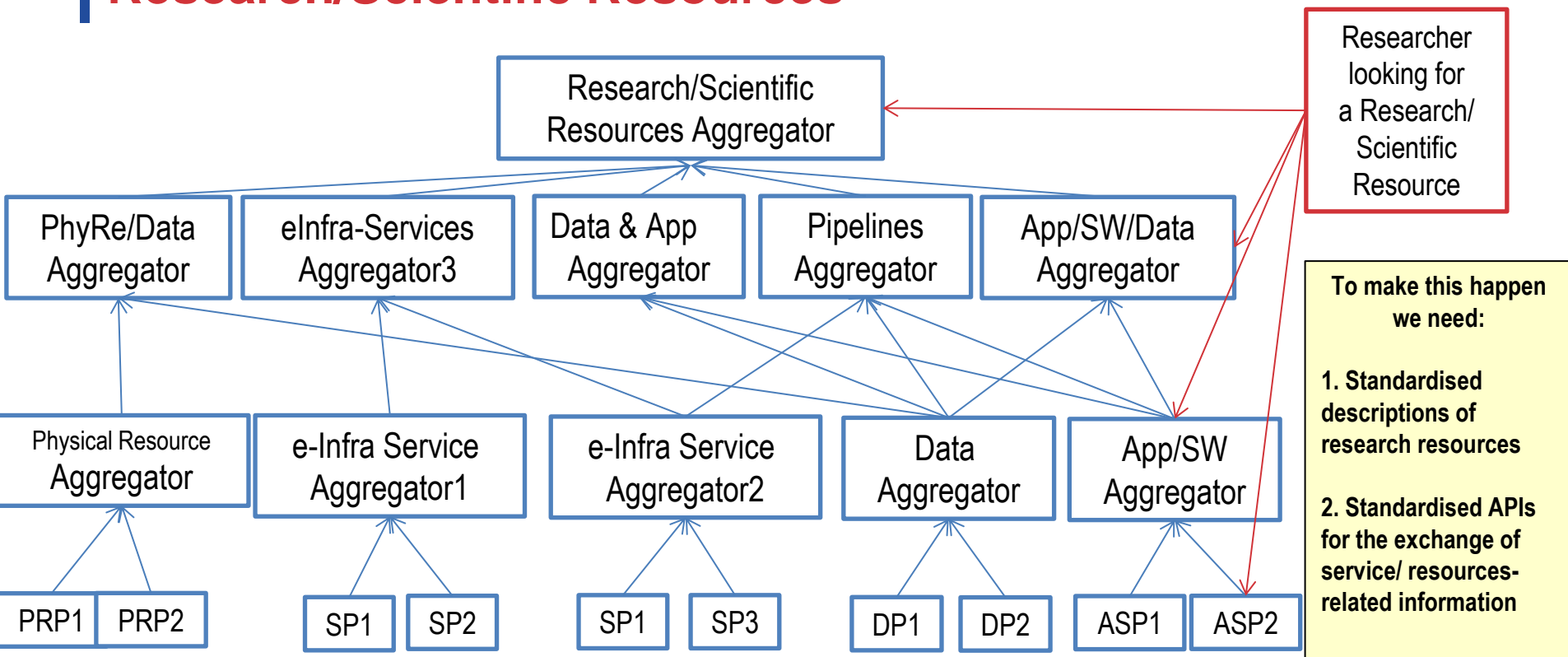
12



The Current eIC Target



The Big Picture: An Open Market for Research/Scientific Resources

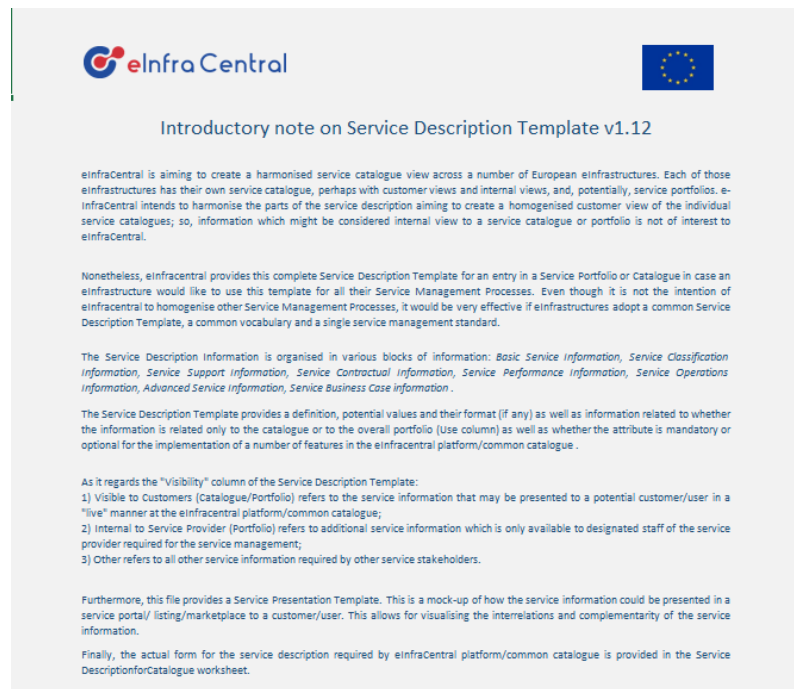


Common Service Model

Service Description Template v1.12



- Based on priori modelling efforts (FitSM, FedSM, e-IRG KPIs, TMForum)
- EInfraCentral proposition for
 - Service Management
 - Service Exchange between different service catalogues



<https://github.com/eInfraCentral/docs/blob/master/eInfraCentral-JNP-ServiceDescriptionTemplate.xlsx>



Service Description Template

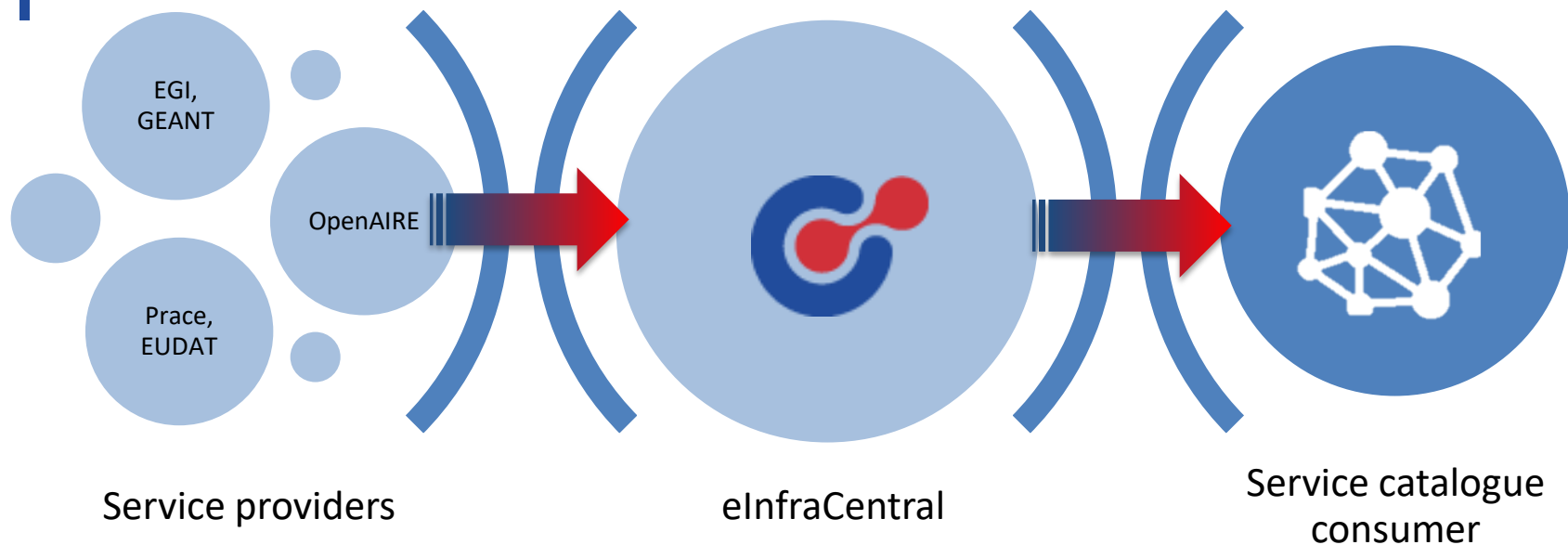
Enables Service Representation & Classification



- Building blocks
 - Basic Service Information (service id, name, provider, description, url, etc)
 - Service Classification Information (category \ subcategory, TRL, lifecycle status, etc.)
 - Service Support Information (Order url, training material, helpdesk, etc)
 - Service Contractual Information (Price, SLA, TermsOfUse, etc)
 - Service Performance Information (Availability, Usage, etc.)



eInfraCentral Open API



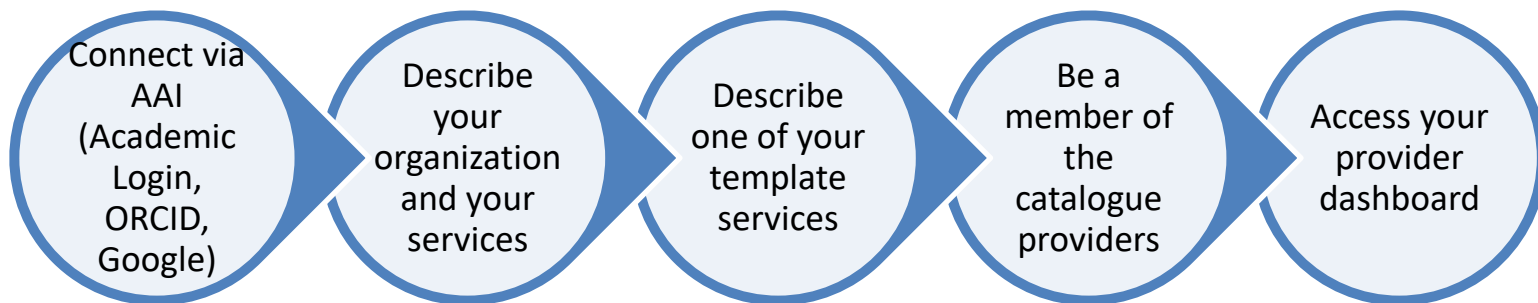
Service Level Target Indicators
Service Description Details

Service classification and vocabularies
Service Analytics collected within eInfraCentral
(List of) Service Descriptions



Are you a service provider?

Steps to Register your organization as new SP



Demo

<http://beta.einfracentral.eu>

Hands-on

<http://dl105.madgik.di.uoa.gr>



Thank you!



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