EOSC@UNIBO

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IOSSG

Open Science @ UniBO

- ✓ **Strong institutional commitment** driven by the European strategies, recommendations and funding programmes (H2020/HEurope)

- ✓ **Implementation of a policy** for open access of publications, data and doctoral theses (2017-2018)

- ✓ **Re-thinking the role of academic libraries:** research support

- ✓ **Need for rationalization** of resources and infrastructures

Support services and infrastructures development

The University of Bologna in numbers (2018)

2.748 Academic staff

32 Departments

5 campuses

86.509

14.255 research items in IRIS (2018)

197 EU H2020 on-going projects, 72 MIUR-PRIN projects, 80 research project on regional structural funds.

2.967 Non-academic staff

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Fragmentation of competences and infrastructures

AMS ACTA

Eprints open acrhive for publications (2003-) and data (2016-)

ICT services (CeSIA)

Project Management

Libraries Division (ABIS)

Industrial Relations, Third Mission, Division (ARTEC)

Research Support Services (SRRD – ARIC)

IRIS

CRIS for research output assessment (2015)

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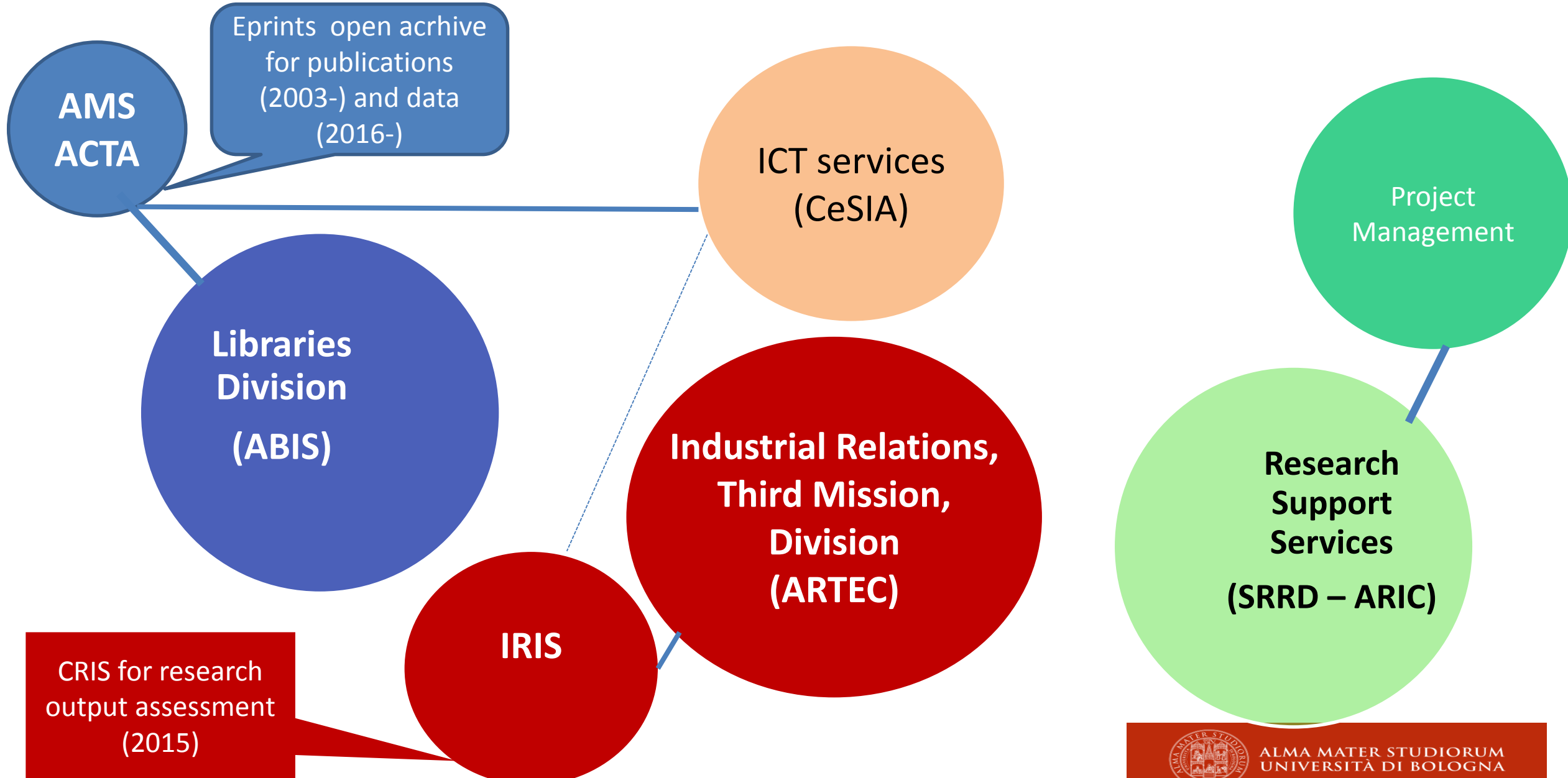
A «single point of entry» for Open Science

➢ **2018 transversal management goal involving all the above mentioned divisions (ABIS, ARTEC, SSRD-ARIS and CeSIA):**

- ▪ definition of an organizational model to implement a support service for Open Science via a common service agreement

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PRIVACY

EU project management
Diritto d'autore and
IP legal experts

Open Access and Open Data support (DMP)
AMS Acta
Publishers agreements and contracts
Libraries

IRIS, Research assessment, KTO

ICT
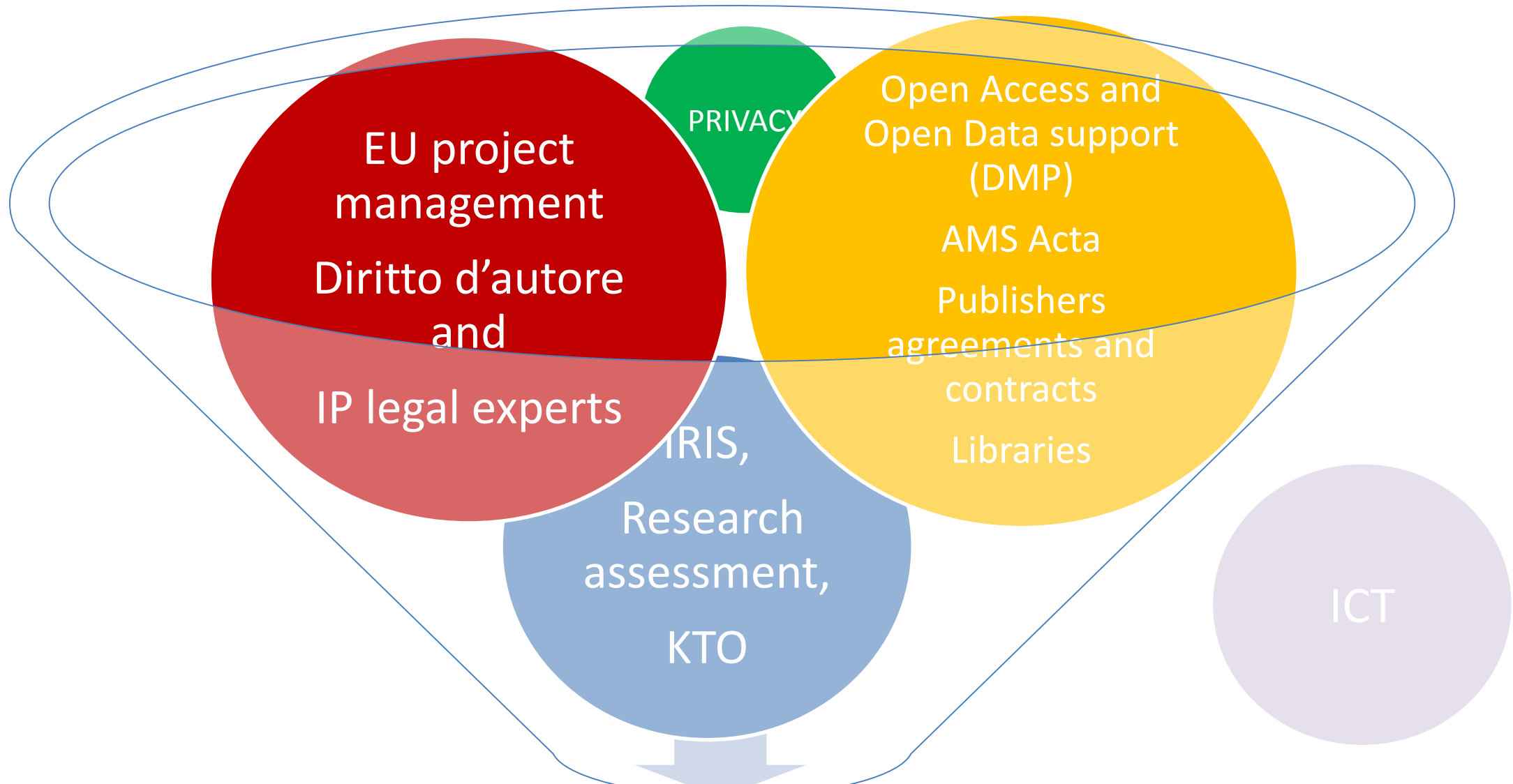
Support service for OA and ORD in H2020 projects

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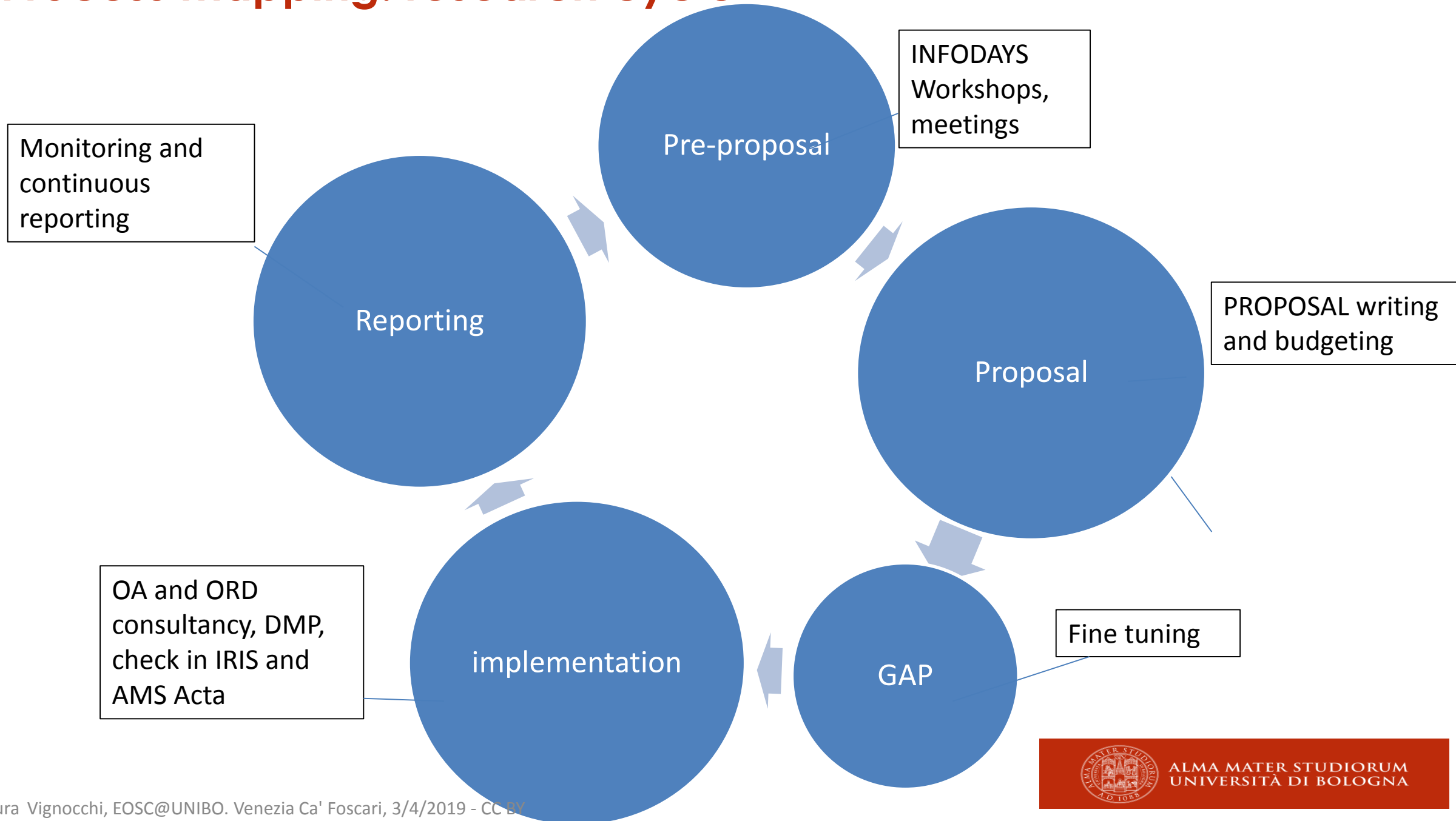UNIVERSITÀ DI BOLOGNA

New roles for libraries

Strenghts:

✓ distributed service-points close to the research communities

✓ user-oriented culture

✓ metadata expertise

✓ good knowledge of the scholarly communication system and the academic publishers'policies

✓ Basic legal expertise

Weaknesses:

➢ Self-referential

➢ Impact on research assessment procedures

➢ Lack of skills regarding data management

➢ Unequal distribution of human resources vs research-intensive departments

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Process mapping: research cycle

INFODAYS Workshops, meetings

Monitoring and continuous reporting

Pre-proposal

Reporting

PROPOSAL writing and budgeting

Proposal

OA and ORD consultancy, DMP, check in IRIS and AMS Acta

implementation

Fine tuning

GAP

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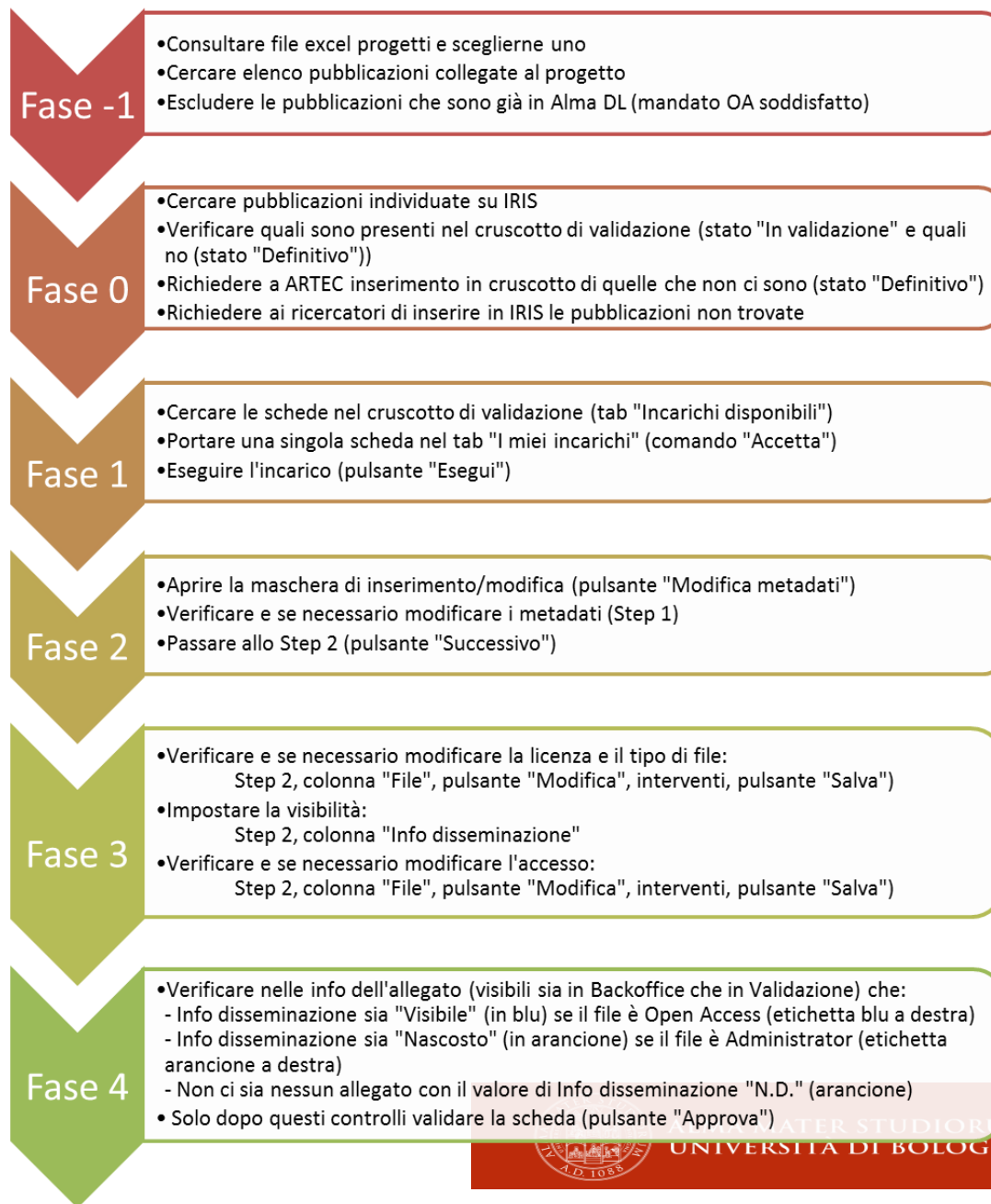
Process Mapping: research items registration and validation in IRIS

1. Check registration in IRIS;

2. Check the metadata (guidelines by research assessment service)

3. Check the full-text

4. Validation of the full-tetx

5. Send details to research team for reporting

Fase -1
- Consultare file excel progetti e sceglierne uno
- Cercare elenco pubblicazioni collegate al progetto
- Escludere le pubblicazioni che sono già in Alma DL (mandato OA soddisfatto)

Fase 0
- Cercare pubblicazioni individuate su IRIS
- Verificare quali sono presenti nel cruscotto di validazione (stato "In validazione" e quali no (stato "Definitivo"))
- Richiedere a ARTEC inserimento in cruscotto di quelle che non ci sono (stato "Definitivo")
- Richiedere ai ricercatori di inserire in IRIS le pubblicazioni non trovate

Fase 1
- Cercare le schede nel cruscotto di validazione (tab "Incarichi disponibili")
- Portare una singola scheda nel tab "I miei incarichi" (comando "Accetta")
- Eseguire l'incarico (pulsante "Esegui")

Fase 2
- Aprire la maschera di inserimento/modifica (pulsante "Modifica metadati")
- Verificare e se necessario modificare i metadati (Step 1)
- Passare allo Step 2 (pulsante "Successivo")

Fase 3
- Verificare e se necessario modificare la licenza e il tipo di file:
    Step 2, colonna "File", pulsante "Modifica", interventi, pulsante "Salva")
- Impostare la visibilità:
    Step 2, colonna "Info disseminazione"
- Verificare e se necessario modificare l'accesso:
    Step 2, colonna "File", pulsante "Modifica", interventi, pulsante "Salva")

Fase 4
- Verificare nelle info dell'allegato (visibili sia in Backoffice che in Validazione) che:
    - Info disseminazione sia "Visibile" (in blu) se il file è Open Access (etichetta blu a destra)
    - Info disseminazione sia "Nascosto" (in arancione) se il file è Administrator (etichetta arancione a destra)
    - Non ci sia nessun allegato con il valore di Info disseminazione "N.D." (arancione)
- Solo dopo questi controlli validare la scheda (pulsante "Approva")

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Staff training: first edition

➢ **May 2018: OA of publications + underlying data**

Duration: 30 hours

Partecipants: 29 librarians + 3 (research evalutation staff)

Contents: Open Science, European policies, Italian OA laws and Unibo institutional policy; H2020, PRIN and SIR mandates; how to publish and disseminate in OA: gold and green OA, open archives, publishers' policies and the evaluation of the publishing venues; APCs, Plan S and the transformative agreements. IRIS: research assessment excercises; validation of metadata and full-texts.

➢ **June 2018**

IRIS in practice (

Duration: 2 weeks

➢ **13 June 2018:** follow-up

➢ **9 October 2018**: guidelines for IRIS

➢ **December 2018: ORD and research data management** ⬅

Duration: 15 hours

Partecipants: 22 librarians + 3 (research evalutation staff)

Contents: Open Research Data Pilot in H2020; guidelines for research data management: FAIR principles and data repositories, the data management plan (DMP); Unibo data repository AMS Acta

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Testing period

Duration: July-November 2018

Service: support to UNIBO research teams for the OA and ORD H2020 mandate

Libraries: 17 out of 28 + ABIS-AlmaDL / (32 non full-time librarians)

Service demand coverage: 100% on H2020 projects

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Main achievements

✓ **Inter-division service agreement** (protocol) that defines the commitment, the service levels and the workflows of the different offices

✓ **Monitoring of the H2020 OA and ORD mandate**

✓ **Specialization of the technical infrastructures** with no overlapping: published research publications in IRIS and datasets and unpublished research in AMS Acta

✓ **Professional development of library staff; internal recruitment**

✓ **Repositioning academic libraries**

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Areas of improvement

Organizational Communication

Communication needs to be better organized in order to streamline workflows of the actions to be taken by researchers, project managers and libraries. Correct information should improve timing and early planning of resources and actions

Monitoring

Information systems do not allow to monitor easily the respect of the mandate: probably the adoption of the IRIS project module may improve monitoring and accounting procedures

Staff reorganization

Research-intensive departments need dedicated full-time staff to support teams while less research-intensive disciplinary areas may rely on few hubs that offer support to a number of departments

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Organizational model: distributed model based on a common service protocol

Pillars

1. **Inter-division protocol**: defines the objectives, the processes, the activities, the process-owners, the actors onvolved

2. **Networking** and sharing of the same objectives

3. **Staff training:** common background contents and specialized contents for the different professional groups involved

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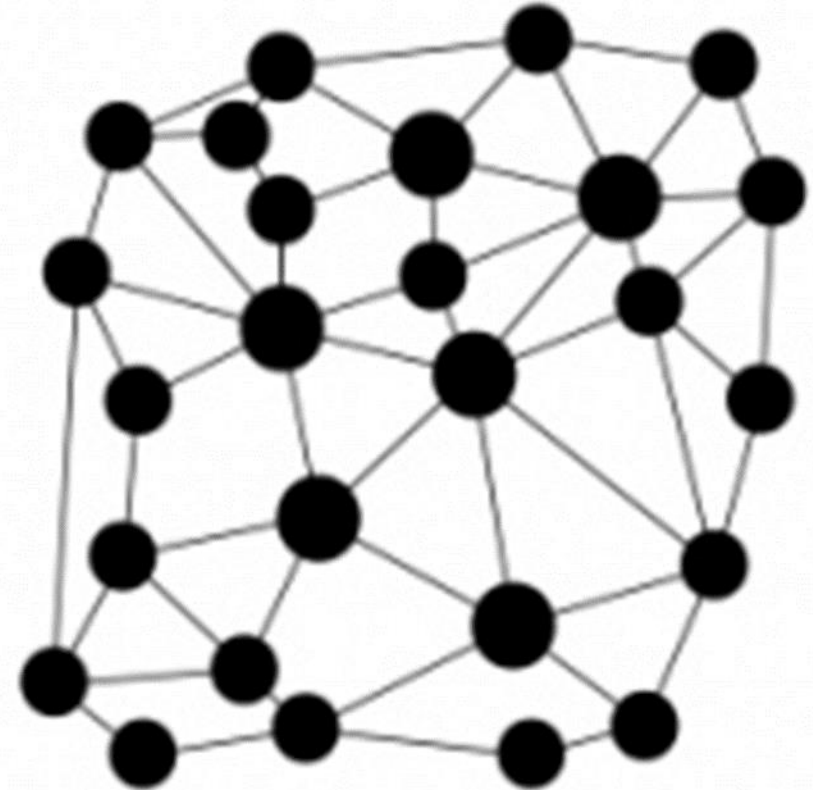
Next steps

➢ **Open Science policy and a Data Management Policy**

➢ **Data literacy**

➢ **Human Resources:**

    ❖ **Data librarians**

    ❖ **Data curators**

    ❖ **IP and GDPR experts**

➢ **Infrastructures**

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https://sites.google.com/view/iossg/

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