MAKING THE DATA AND SERVICES FAIR: A MULTIDISCIPLINARY PERSPECTIVE
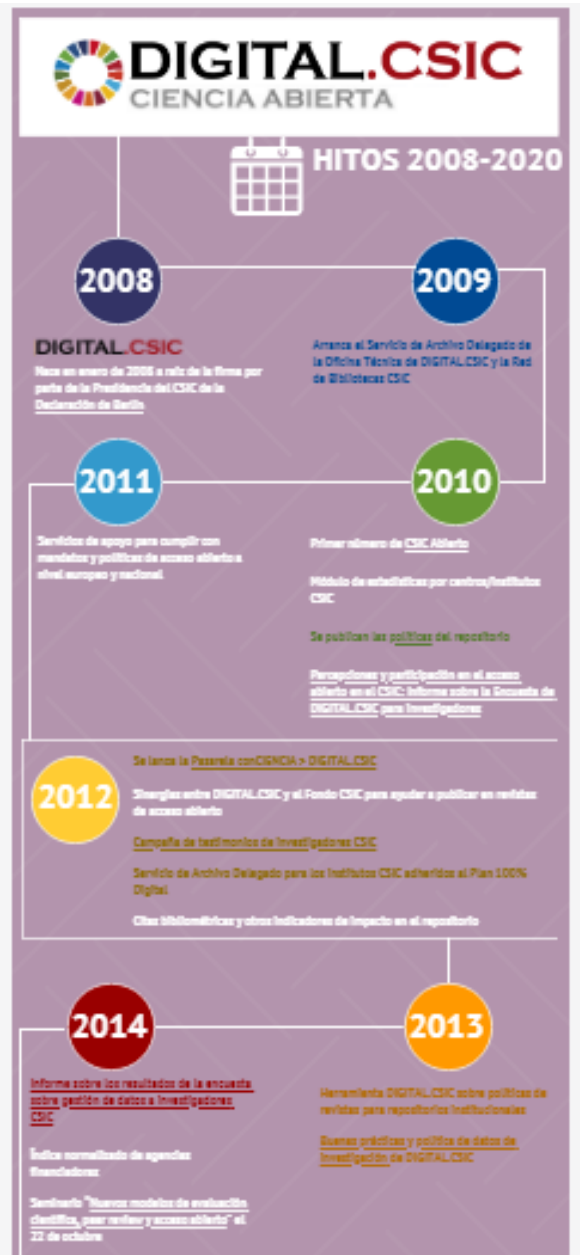
Isabel Bernal

DIGITAL.CSIC, Spanish National Research Council (CSIC)

e-IRG Workshop
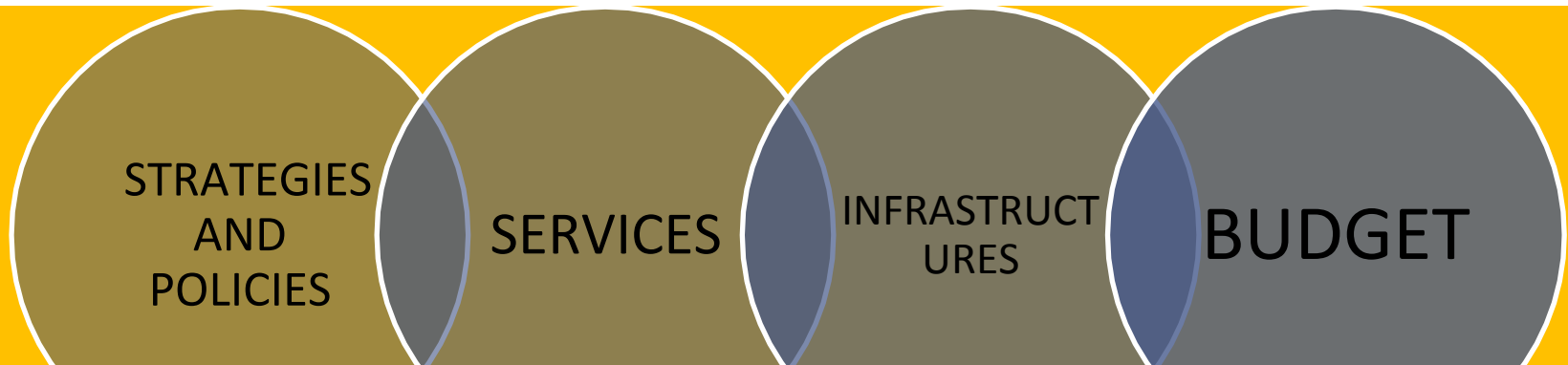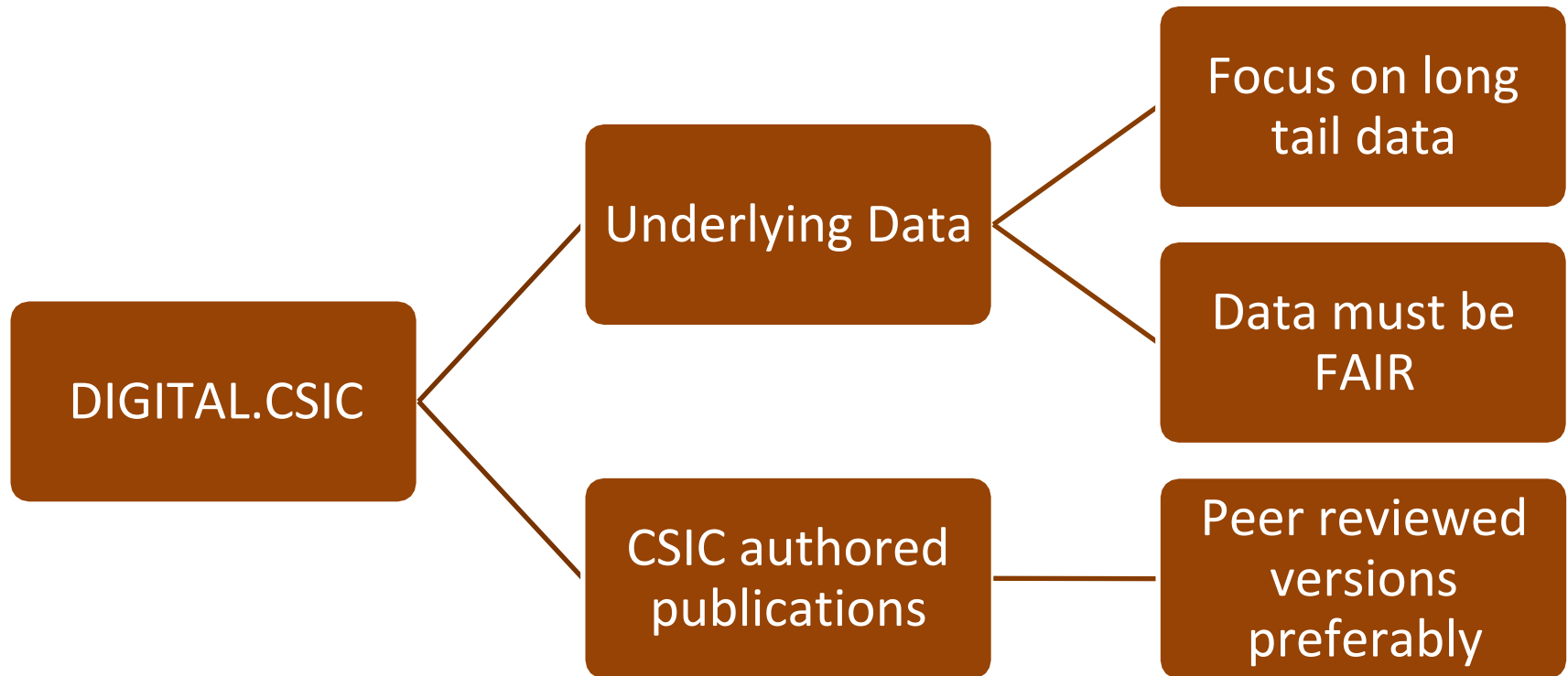Croatia's Presidency of the Council of the European Union

May 26, 2020

The Long End Winding Road to Open Research Outputs

- ➢ creating policies and developing repositories;
- ➢ enabling open access;
- ➢ implementing standards in digital resources curation;
- ➢ managing copyright issues;
- ➢ increasing interoperability;
- ➢ developing preservation plans
- ➢ "research data" into this agenda

CSIC Institutional Mandate

DIGITAL.CSIC

- Underlying Data
  - Focus on long tail data
  - Data must be FAIR
- CSIC authored publications
  - Peer reviewed versions preferably

STRATEGIES AND POLICIES

SERVICES

INFRASTRUCTURES

BUDGET

ONGOING TRANSITION TO AN OPEN SCIENCE PARADIGM

What to Expect when You are Multidisciplinary

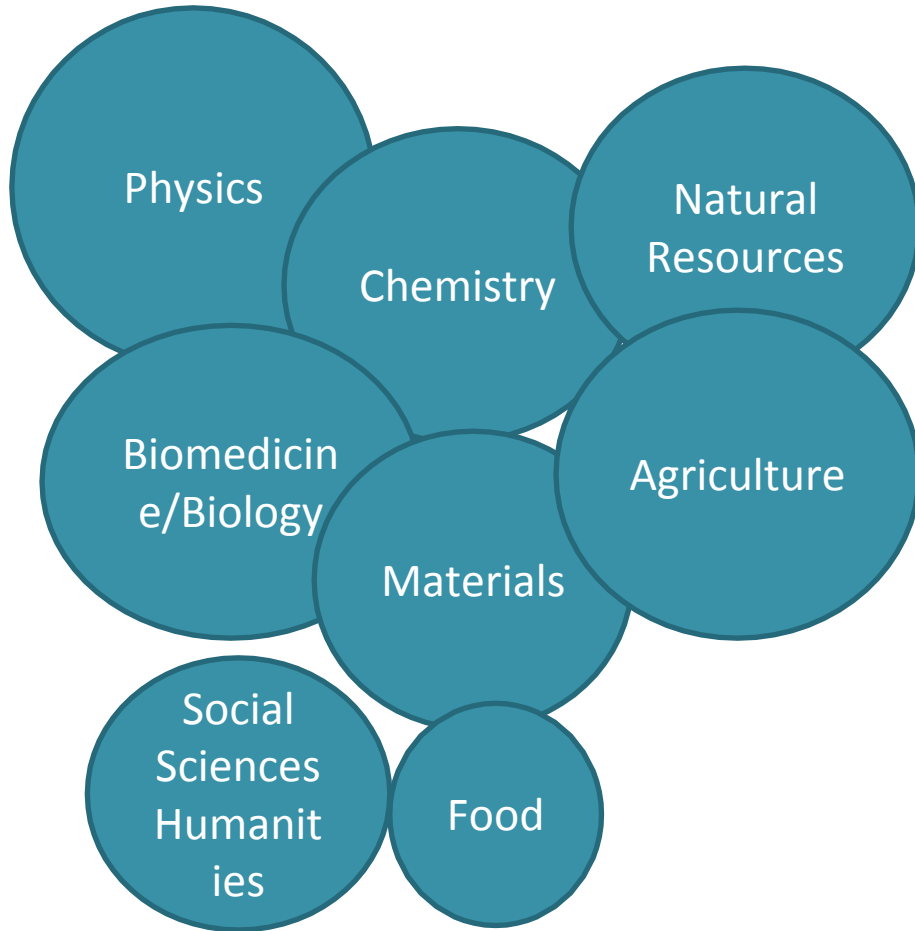**DIFFERENT LEVELS OF DATA AWARENESS AND PRACTICE**

SIMILAR GAPS IN DATA CURATION AND TRAINING ACROSS AREAS

SPECIFIC RESEARCH COMMUNITY STANDARDS
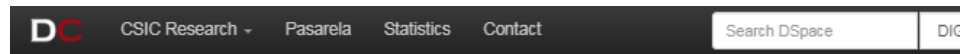
SPECIFIC RESEARCH COMMUNITY NEEDS AND CHALLENGES

- **Data stewardship**
- **Legal issues**
- **Long term preservation**
- **Tools Awareness and Know-how**

And increasingly interdisciplinary

Physics

Chemistry

Natural Resources

Biomedicine/Biology

Agriculture

Materials

Social Sciences Humanities

Food

CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

LIFE

MATTER

SOCIETY

Part of CSIC Global Health Initiative
https://digital.csic.es/handle/10261/204074

Going Global

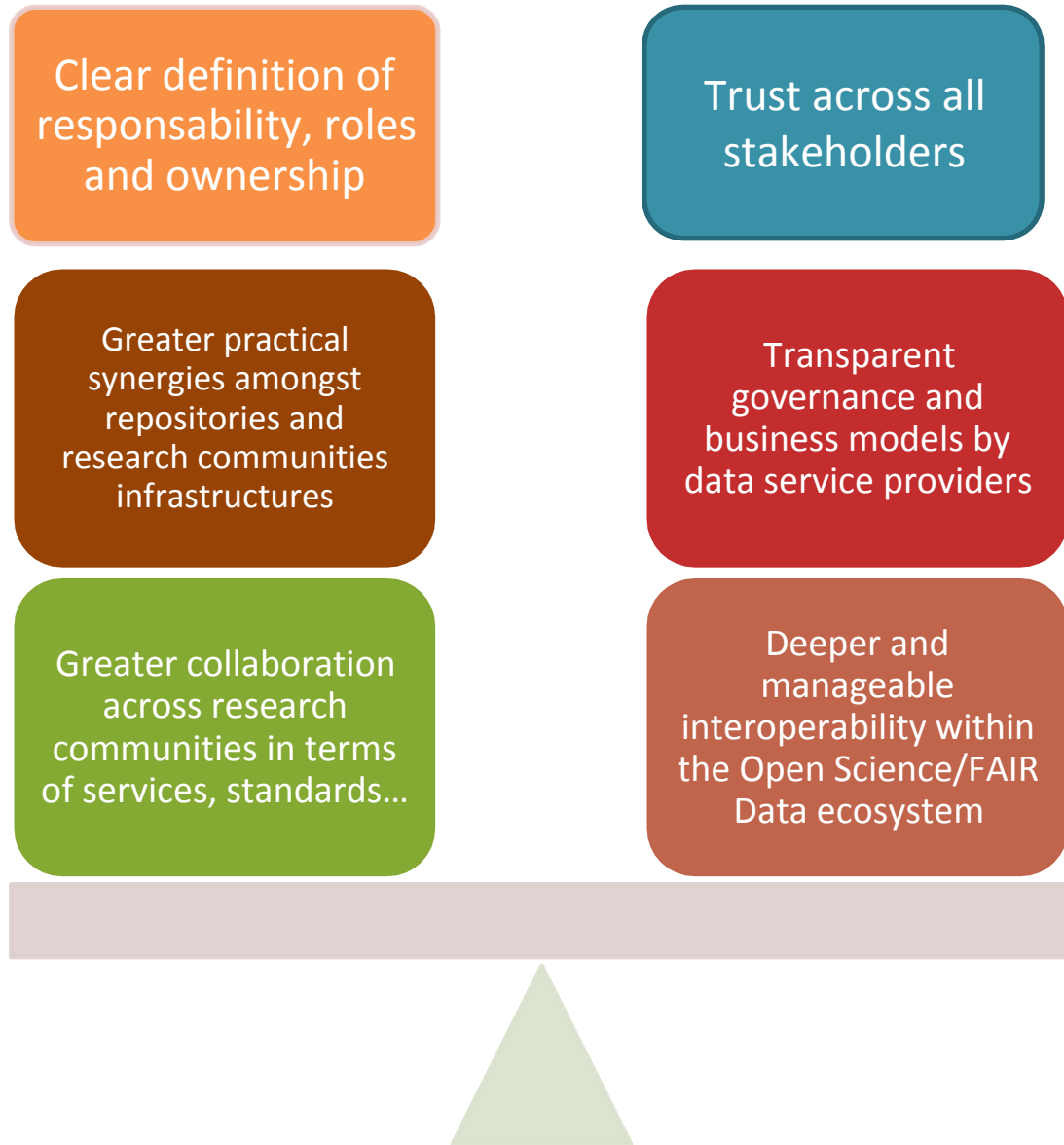Building a sustainable, global knowledge commons and next generation repositories

Participating in the global community of open repositories and emerging data services

Contributing data collections, testing emerging services and sharing knowledge across research communities

Sustainable FAIRness implementation IF...

Clear definition of responsability, roles and ownership

Trust across all stakeholders

Greater practical synergies amongst repositories and research communities infrastructures

Transparent governance and business models by data service providers

Greater collaboration across research communities in terms of services, standards...

Deeper and manageable interoperability within the Open Science/FAIR Data ecosystem

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THANKS FOR LISTENING!