

# The #PeruCRIS Project

euroCRIS Autumn Membership Meeting 2020  
November 23, 2020

Perú  
**CRIS**

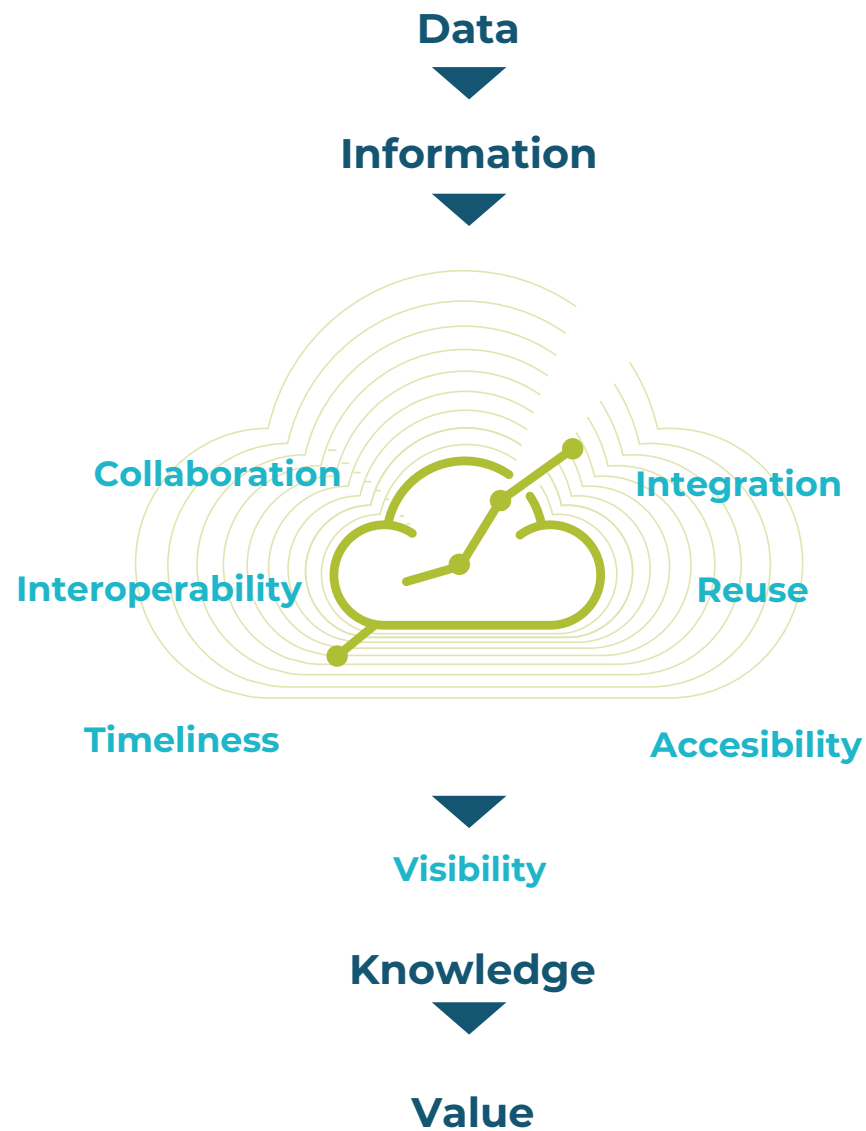
The logo for Peru CRIS features the word "Perú" in a white serif font above the word "CRIS" in a large, bold, white sans-serif font. To the left of "CRIS" is a vertical line with a series of dots and a small triangle at the bottom, with the word "PLATAFORMA" written vertically next to it. To the right of "CRIS" is a graphic of three white circles connected by lines, forming a triangular network structure.

Cesar Olivares  
<https://orcid.org/0000-0003-2678-3544>

#PeruCRIS is the Peruvian project for setting up and operating a **National Information Network on Science, Technology and Technological Innovation.**

PROYECTO

Perú  
**CRIS**



# VISION, GOAL AND STRATEGY

The vision for **#PeruCRIS Project** is:



## Vision

To have an **information ecosystem** in science, technology and technological innovation in Peru to provide value, accessibility and development for all people.

**#PerúCRIS Project** has as main goal:



## Main Goal

**To develop an open, interoperable and integrated national network** that provides timely and reliable information services on the actors, activities and results of science, technology and technological innovation in Peru, in favor of the scientific and academic community, the public and private sector, and the general public.

In order to accomplish the goal for **#PeruCRIS Project**, Concytec implements the following strategy:

## Main strategy

1



Articulate, operate and regulate the National Information Network on STI

2



Strengthen the National Network of Open Access Repositories (RENARE)

3



Launch the #PeruCRIS platform and interoperate with institutional research management systems

4



Provide value-added services for accessing and managing information on STI in the country

# NATIONAL INFORMATION NETWORK ON STI



## National Network of Open Access Repositories

180+ Institutional repositories, 20+ Open Journal Systems, 1 aggregator node (ALICIA)



## Universities and Public Research Institutes

Institutional CRIS systems



## STI Public Funders



## Other sources of national and foreign STI information

RENIEC, SUNAT, INDECOPI, Scopus, WoS, SciELO, ORCID



## CV Profiles



The National Information Network on STI is established from the interoperability of the information management systems of the SINACYT institutions: public and private universities, public research institutes, public project financing agencies, among others. Also, national and foreign sources of information (RENIEC, SUNAT, SUNEDU, INDECOPI, ORCID, Scopus, WoS, SciELO, etc.)

# KEY PARTNERSHIPS

The success of the **#PeruCRIS Project** requires the adoption of the best practices in research information management and the support and cooperation of recognized national and international institutions. For this, Concytec has established key partnerships with:



# WORKGROUPS WITH STAKEHOLDERS

**#PeruCRIS** seeks articulation and cooperation between SINACYT institutions to establish, develop and operate the National Information Network on STI\*, in order to consolidate and manage scientific and academic information from the entire country, generate statistics to support the taking of decisions at institutional, regional, sectoral level and national; as well as making the activities, capacities and scientific production of Peruvian researchers globally visible.

\* LAW N° 28303: Ley Marco de Ciencia, Tecnología e Innovación Tecnológica y su Reglamento.



**Public  
Funders**

**Universities**

**Research  
Institutes**

**Government**



# EXPECTED BENEFITS

- Timely statistics and reports on national R&D activities.
- Better monitoring and evaluation for public funding and national open access policy.
- Disseminate research results, analyze trends and impact.
- Sharing and discovery for innovative technologies and ideas, new markets, competitors and partners.
- Better decision making at different levels: national, local, institutional, private sector and general population.



## Scientific community

—  
Researchers, technological developers, innovators, entrepreneurs, managers and planners in STI



## Institutions & businesses

—  
Universities, public research institutes, funding agencies, companies



## Government

—  
Ministries, regional or local governments



## General population

# #PERUCRIS PLATFORM

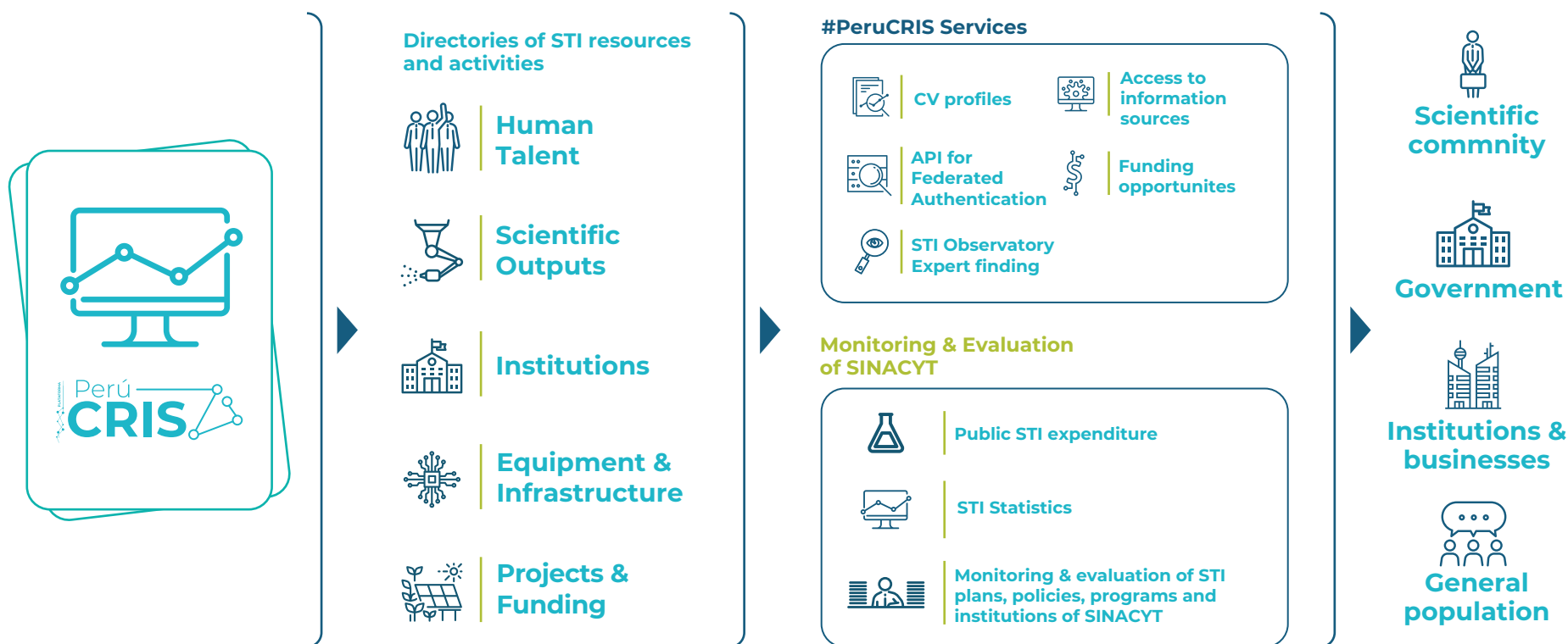


- The **#PeruCRIS Platform** is one of the main components of the # PeruCRIS Project, which will provide IT support and integration to the National Information Network in STI.
- This platform will allow to store, process, access, visualize, transmit, integrate and consume quality and updated information about capacities and activities in R&D with national coverage.

# #PERUCRIS PLATFORM

## #PeruCRIS Platform

Directories, services, and monitoring and evaluation instruments of SINACYT



# DIRECTORIES OF STI RESOURCES AND ACTIVITIES

#PeruCRIS Platform will be organized in five directories:



## Human Talent

Personal profiles of researchers, technological developers, innovators and STI managers, with links to their scientific production, completed projects, affiliation institutions. Also their bibliometric indicators.



## Projects & Funding

Profiles of the projects developed by the members of SINACYT and other institutions that carry out activities in STI.



## Scientific Outputs

Publications (books, articles, theses, reports, conferences, etc.), intellectual property (patents) and research products (data sets, images, cartographic material, audio recordings, etc.)



## Equipment & Infrastructure

Laboratories and equipment used to carry out activities in STI.



## Institutions

Profiles of SINACYT member institutions and other that carry out R&D activities in Peru.

# #PERUCRIS SERVICES



## CV profiles

CV profiles for people engaged in STI activities in Peru. It will be linked to the directories of the platform, to benefit from information validated by Concytec.



## API for Federated Authentication

It will allow other platforms to validate the login with the username and password of the #PeruCRIS Platform.



## STI Observatory Expert finding

Information to view and download as an instrument for monitoring and evaluation of SINACYT. Includes: charts, reports, reports, news, events, expert finding, job portal and scholarships.



## Access to information sources

Search and retrieval API.  
Federated access to subscription-based and open access content.  
Federated access to application for public funding opportunities.

## Monitoring & Evaluation of SINACYT

It includes scientific-technological statistics, information for the management and evaluation of plans, policies, programs and entities of SINACYT and the STI observatory to support decision-making.

# PROJECT STAGES



## Preparatory Stage

Development and initial articulation of the National Information Network on STI



## Stage 2

Universities and other Research Institutions

2018 | 2019 | 2020 H1 | 2020 H2 | 2021 H1 | 2021 H2 | 2022 H1 | 2022 H2 |



## Stage 1

Qualified researchers  
Public fundings



## Stage 3

Services portal  
Expert finding

# INTEROPERABILITY STANDARDS

To guarantee the collection and exchange of information (interoperability) between the **#PeruCRIS Platform** and SINACYT, the latest international recommendations for the integration of CRIS systems will be used.

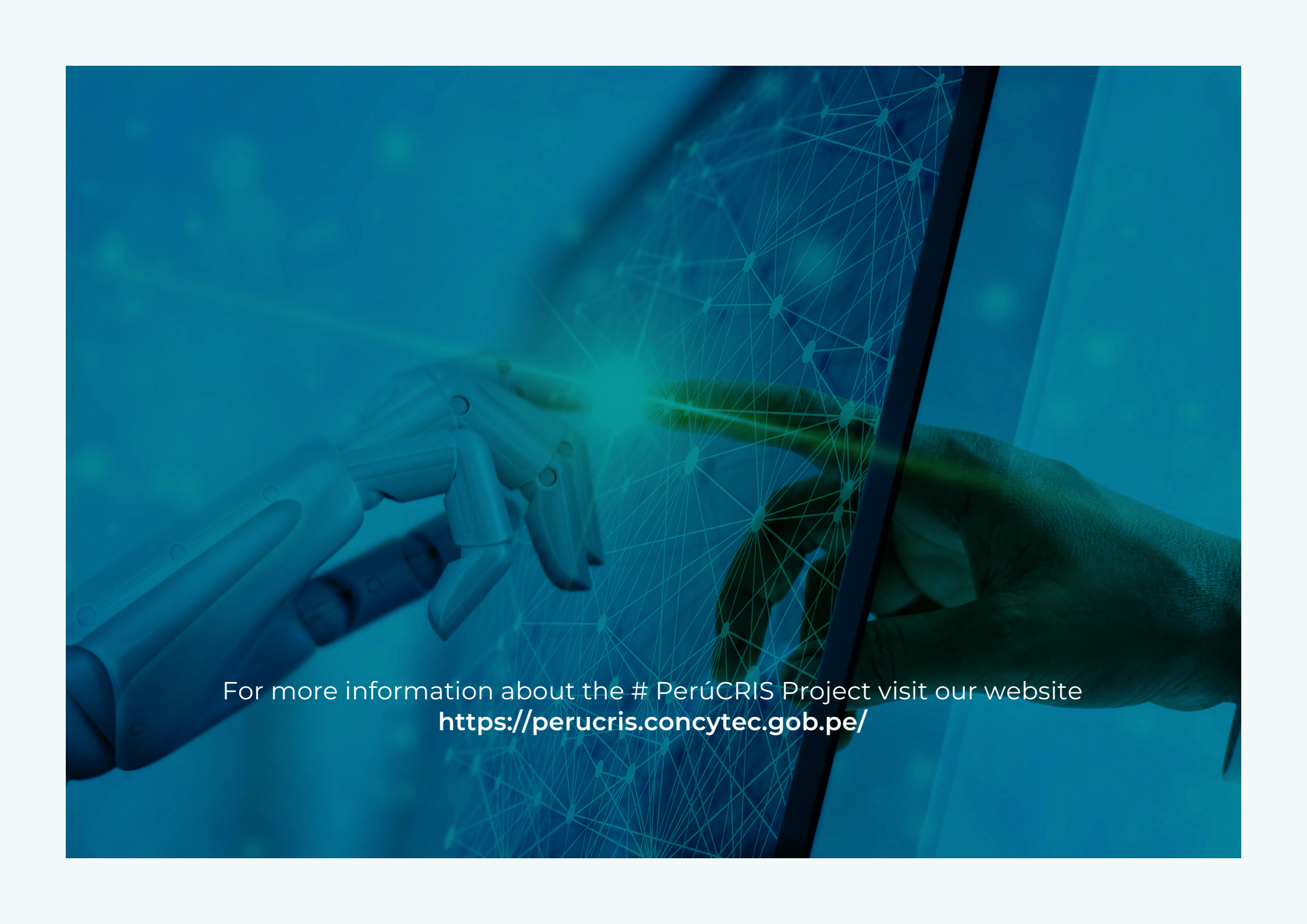
**CERIF (Common European Research Information Format)**  
CERIF XML & CERIF API

OpenAIRE Guidelines for CRIS Managers  
OpenAIRE Guidelines for Literature Repositories

**OAI-PMH Harvesting Protocol**

**Persistent Identifiers**  
ORCID, ROR, DOI, Handle

**#PeruCRIS Guidelines**  
(application profile, semantics, syntax and scope of data)

The background image is a blue-tinted photograph. It features a robotic hand on the left and a human hand on the right, both reaching towards the center. Overlaid on the hands is a complex, glowing white network of lines and dots, resembling a molecular structure or a data network. The overall aesthetic is high-tech and futuristic.

For more information about the # PerúCRIS Project visit our website  
<https://perucris.concytec.gob.pe/>