# WLIC 2023

# ISTEC LIBRARY LINKAGE INITIATIVE
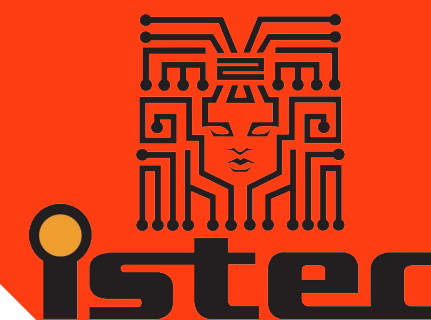
Dr. Marisa R. De Giusti
Dr. Gonzalo Villarreal
Mg. Carlos J. Nusch
Prof. Enzo Golfetto

PREBI SEDICI
prebi.unlp.edu.ar    sedici.unlp.edu.ar
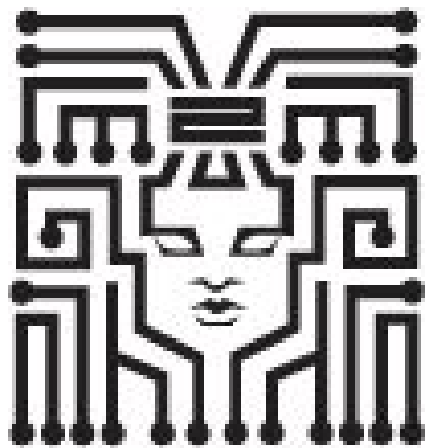
UNIVERSIDAD NACIONAL DE LA PLATA

ISTEC
IBERO AMERICAN SCIENCE & TECHNOLOGY EDUCATION CONSORTIUM

# History

**Definition and scope**

The *Ibero-American Science and Technology Education Consortium (ISTEC)* is a non-profit organization comprised of educational, research, industrial, and multilateral organizations throughout the Americas and the Iberian Peninsula. The Consortium was established to foster scientific, engineering, and technology education, joint international research and development efforts among its members, and to provide a cost-effective vehicle for the application and transfer of technology.

# History

**Members:** Universities, industries and other organizations

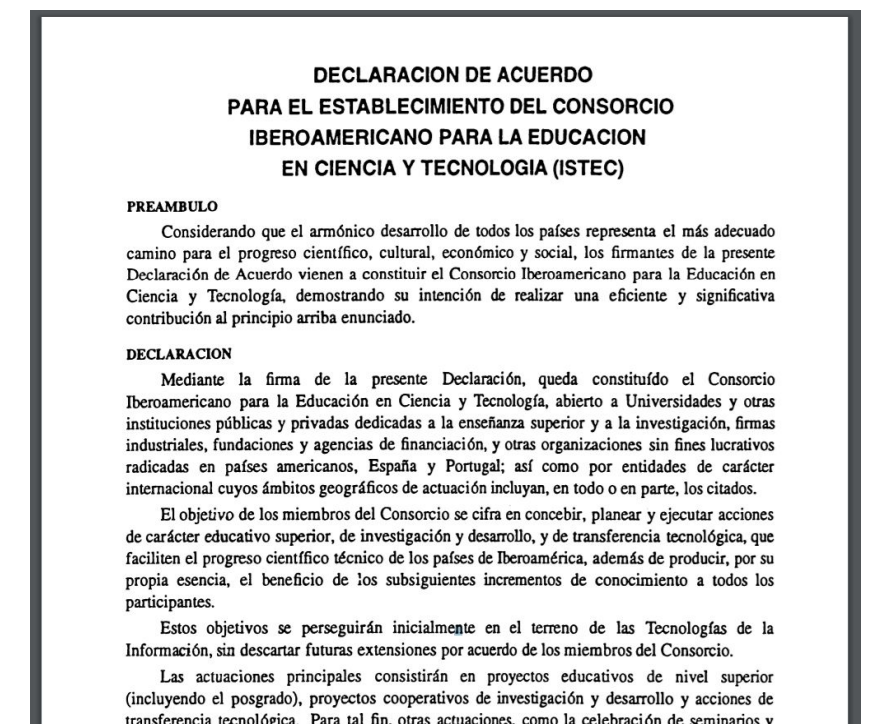1990 MOU (Memorandum of Understanding). 1999 officially became a US 501 non-profit organization. http://sedici.unlp.edu.ar/handle/10915/65963

**Organization**

- General assembly

- Board of directors

- Executive Office. Nowadays Office for Institutional Relations

DECLARACION DE ACUERDO
PARA EL ESTABLECIMIENTO DEL CONSORCIO
IBEROAMERICANO PARA LA EDUCACION
EN CIENCIA Y TECNOLOGIA (ISTEC)

**PREAMBULO**

Considerando que el armónico desarrollo de todos los países representa el más adecuado camino para el progreso científico, cultural, económico y social, los firmantes de la presente Declaración de Acuerdo vienen a constituir el Consorcio Iberoamericano para la Educación en Ciencia y Tecnología, demostrando su intención de realizar una eficiente y significativa contribución al principio arriba enunciado.

**DECLARACION**

Mediante la firma de la presente Declaración, queda constituído el Consorcio Iberoamericano para la Educación en Ciencia y Tecnología, abierto a Universidades y otras instituciones públicas y privadas dedicadas a la enseñanza superior y a la investigación, firmas industriales, fundaciones y agencias de financiación, y otras organizaciones sin fines lucrativos radicadas en países americanos, España y Portugal; así como por entidades de carácter internacional cuyos ámbitos geográficos de actuación incluyan, en todo o en parte, los citados.

El objetivo de los miembros del Consorcio se cifra en concebir, planear y ejecutar acciones de carácter educativo superior, de investigación y desarrollo, y de transferencia tecnológica, que faciliten el progreso científico técnico de los países de Iberoamérica, además de producir, por su propia esencia, el beneficio de los subsiguientes incrementos de conocimiento a todos los participantes.

Estos objetivos se perseguirán inicialmente en el terreno de las Tecnologías de la Información, sin descartar futuras extensiones por acuerdo de los miembros del Consorcio.

Las actuaciones principales consistirán en proyectos educativos de nivel superior (incluyendo el posgrado), proyectos cooperativos de investigación y desarrollo y acciones de transferencia tecnológica. Para tal fin, otras actuaciones, como la celebración de seminarios y

# Initiatives: an innovative concept

What are the **Initiatives**?

- An organized effort to create activities to address a specific area of concern.

- The Initiatives are **member-driven**, flexible, and run concurrently.

- Within Initiatives, projects are identified, planned, and implemented.

- Projects are designed with both short- and long-term goals, and with consideration of social impact.

# LibLink Initiative

The LibLink Initiative focuses on academic and scientific information management. This means not only localization and bibliographic provision (sharing library collections) but also giving value and increase visibility to institutional production.

To achieve these objectives, LibLink has established a distributed network of libraries and institutions, and has developed a set of software tools that enable all nodes of this network to share information and statistics, to find and access open access resources, to handle users requests and to exchange bibliographic resources among nodes

# LibLink Initiative contact information

**Areas of interest:** Libraries - Institutional Repositories - Open Access - Institutional Visibility - Rankings - Scientific Marketing

**Contact:** Marisa De Giusti marisa.degiusti@sedici.unlp.edu.ar     More information:

https://www.istec.org/liblink/

# What is Celsius 3?

**Celsius 3®** was developed to simplify the management of bibliographic exchanges among the different ISTEC member universities.

It was designed in 2001, with the initial purpose of providing ISTEC with exchange statistics and as a way of contributing to the rest of the institutions.

This is the third version of this tool (previous ones were Celsius and Celsius NT), and like its predecessors, it is developed and maintained entirely by the PREBI-SEDICI-UNLP team, the LibLink node at the National University of La Plata, Argentina.

# Upgrades

Unlike previous versions, Celsius 3 is a centralized system. The software is hosted and run from a single central node, available to all member institutions.

This system allows:

❖ to carry out a comprehensive follow-up of the changes and stages of the queries,
❖ to develop statistics that allow for a transparent management and optimization of the service.

# A simpler management

For institutions, this centralized model removes the need for:

❖  Server management

❖  Software management

❖  Monitoring and backups

Technical issues are handled in centralized infrastructure managed by PREBI-UNLP.

Celsius instances are dynamically created and launched by means of Celsius 3 management tools. Information regarding catalogues, contacts, communication services, workflows, etc. must be consistent across all instances.

# **Advantages**

For users:

➢  Keeping a data record in a personalized site

➢  Tracking an online order status

➢  Possibility of downloading material directly from the platform

➢  Possibility of contacting operators using an internal messaging service

For visitors:

★  Free and transparent statistics

For operators:

❖  Global standardization of applications

❖  Tracking order management status

❖  Accessing automatically generated statistics and multiple global exchange management indicators.

# Advantages for institutions

❖ No installation required: the software runs from a centralized infrastructure.

❖ No technical staff required for software maintenance and updates.

❖ Independent statistics for each institution.

❖ Global, real time statistics for the entire network: order quantities, active users, request destination, service times.

❖ Infrastructured managed by a qualified team: data backups, system updates, resources monitoring, high availability network, security monitoring…
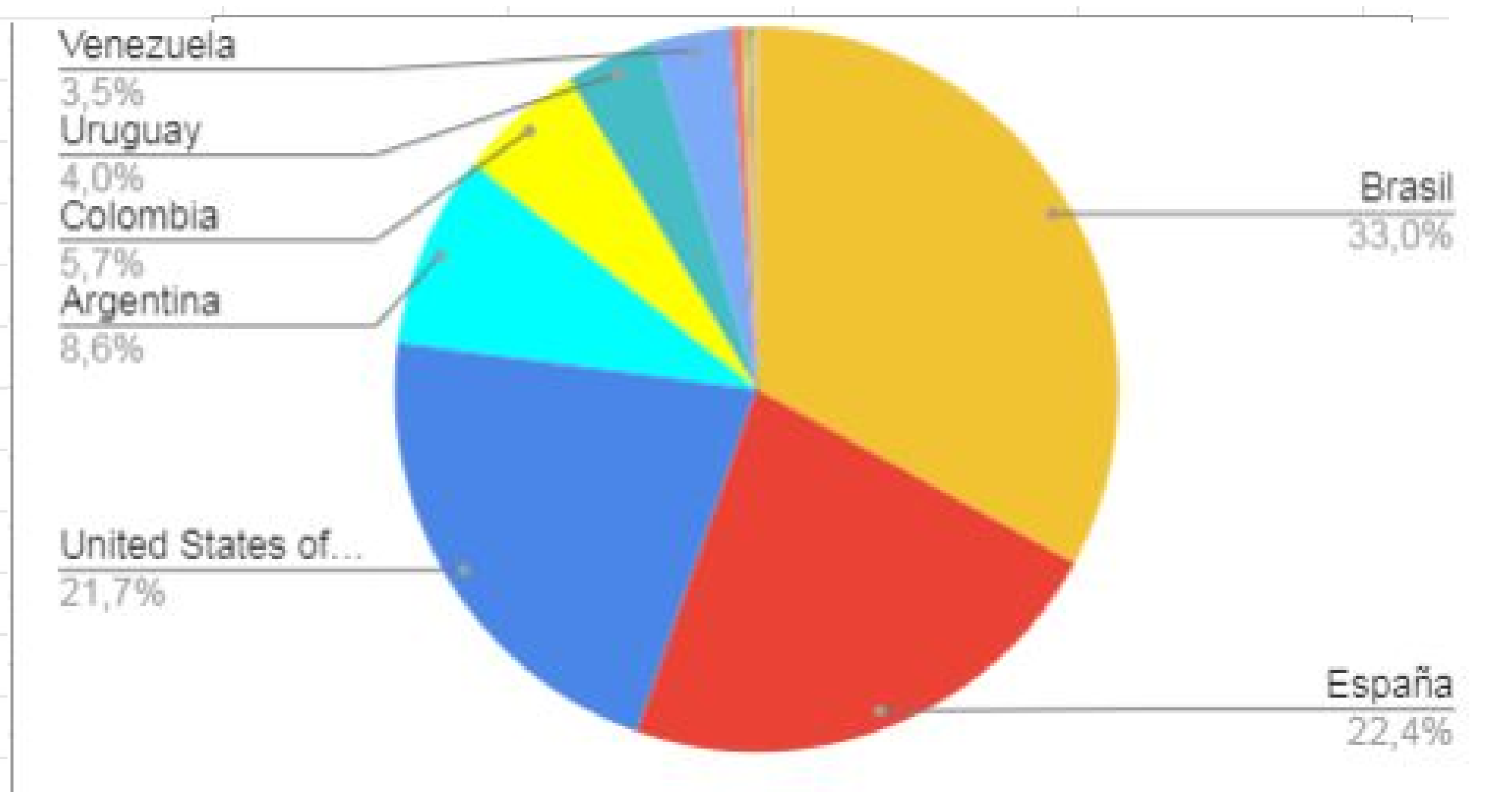
# Requests per destination country in 2001

| País | Creados | Cancelados | Entregados |
|---|---|---|---|
| United States c | 1317 | 34 | 1233 |
| Brasil | 354 | 64 | 236 |
| España | 143 | 16 | 102 |
| Colombia | 41 | 5 | 26 |
| Argentina | 39 | 5 | 30 |
| Venezuela | 35 | 7 | 14 |
| Uruguay | 17 | 2 | 6 |
| Peru | 8 | 0 | 6 |
| Costa Rica | 3 | 3 | 0 |



Argentina 2,0%
Colombia 2,1%
España 7,3%
Brasil 18,1%
United Stat... 67,3%
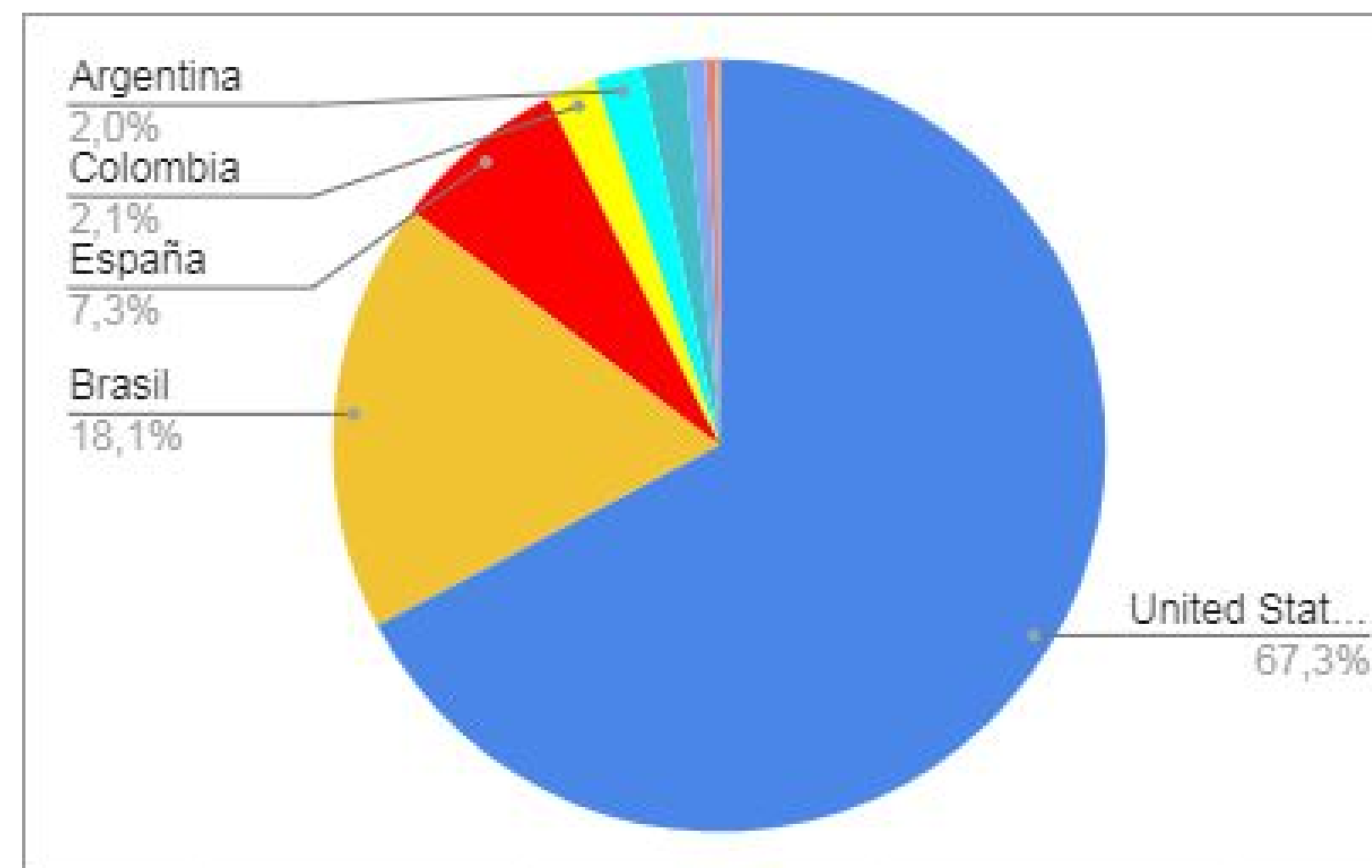
# Requests per destination country in 2005

| País | Creados | Cancelados | Entregados |
|---|---|---|---|
| Brasil | 1116 | 61 | 733 |
| España | 759 | 48 | 525 |
| United States c | 734 | 46 | 521 |
| Argentina | 292 | 18 | 297 |
| Colombia | 192 | 9 | 134 |
| Uruguay | 136 | 2 | 91 |
| Venezuela | 117 | 9 | 94 |
| Peru | 18 | 1 | 13 |
| Mexico | 7 | 4 | 3 |
| Canada | 6 | 0 | 3 |
| Costa Rica | 5 | 0 | 3 |



Venezuela 3,5%
Uruguay 4,0%
Colombia 5,7%
Argentina 8,6%
Brasil 33,0%
United States of... 21,7%
España 22,4%

# Requests per destination country in 2014

| País | Creados | Cancelados | Entregados |
|------|---------|------------|------------|
| 2014 | | | |
| Brasil | 243 | 29 | 182 |
| España | 240 | 7 | 190 |
| Italia | 206 | 42 | 113 |
| Colombia | 165 | 9 | 133 |
| Argentina | 67 | 8 | 51 |
| Alemania | 61 | 19 | 28 |
| Venezuela | 40 | 3 | 38 |
| Suecia | 34 | 15 | 11 |
| Uruguay | 29 | 4 | 17 |
| Francia | 26 | 5 | 9 |
| Peru | 21 | 0 | 18 |
| Belgica | 14 | 3 | 7 |
| Canada | 12 | 6 | 2 |
| Mexico | 12 | 1 | 8 |
| Finlandia | 11 | 3 | 9 |
| Costa Rica | 10 | 4 | 7 |
| United States c | 8 | 4 | 1 |
| Noruega | 7 | 1 | 3 |
| Dinamarca | 6 | 0 | 5 |
| Suiza | 6 | 0 | 4 |
| Sudáfrica | 3 | 1 | 0 |



Belgica 1,1%
Peru 1,7%
Francia 2,1%
Uruguay 2,3%
Suecia 2,7%
Venezuela 3,2%
Alemania 4,9%
Argentina 5,4%
Colombia 13,3%
Brasil 19,5%
España 19,3%
Italia 16,5%
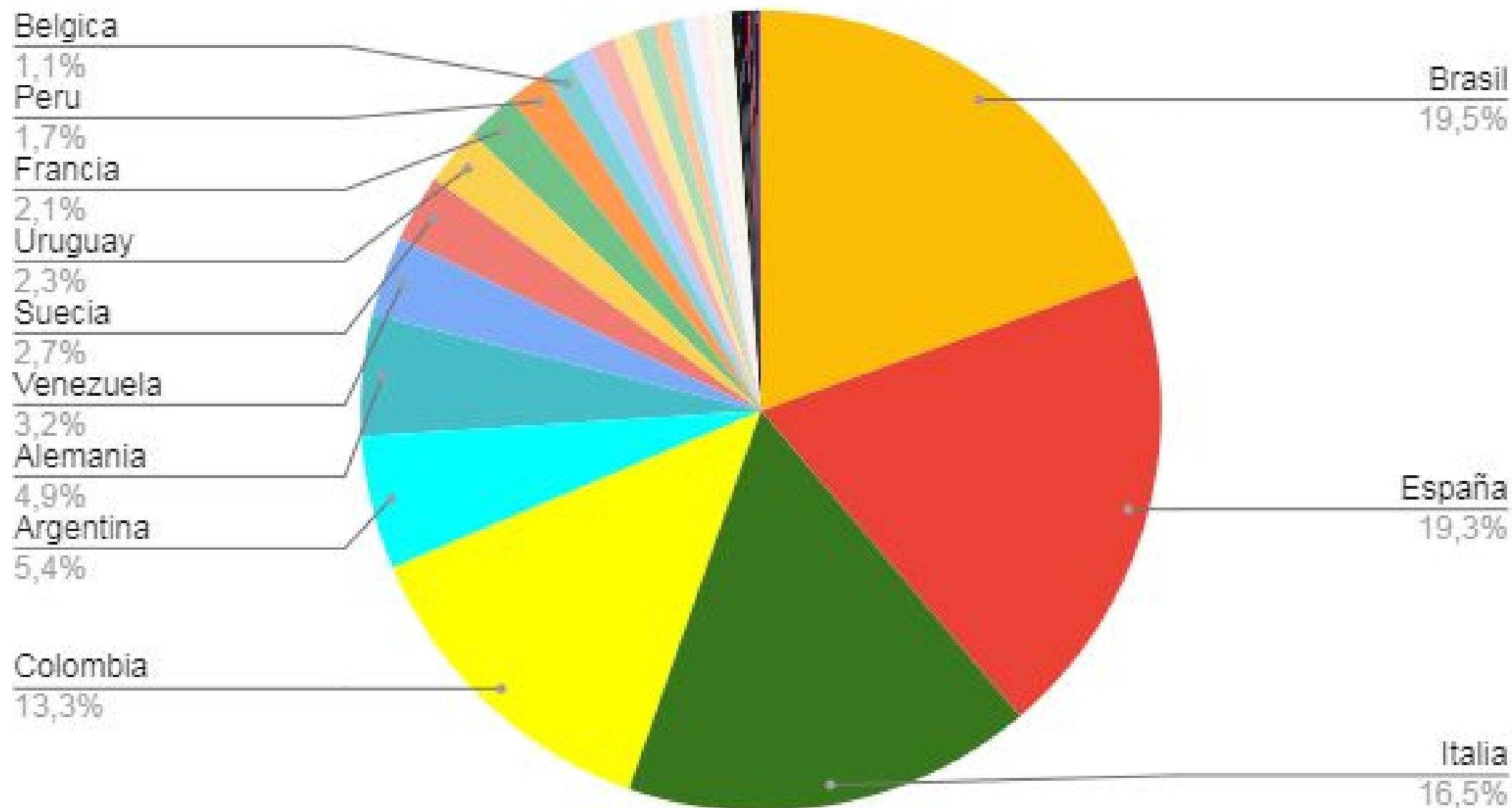
# Requests per destination country in 2019

| 2019 País | Creados | Cancelados | Entregados |
|---|---|---|---|
| Italia | 125 | 24 | 69 |
| España | 68 | 5 | 44 |
| Colombia | 44 | 9 | 26 |
| Argentina | 33 | 12 | 23 |
| Suiza | 25 | 3 | 11 |
| Alemania | 24 | 5 | 7 |
| United States c | 18 | 1 | 7 |
| Brasil | 12 | 10 | 7 |
| Francia | 11 | 2 | 6 |
| Belgica | 11 | 0 | 4 |
| Suecia | 10 | 0 | 0 |
| Dinamarca | 8 | 0 | 5 |
| Sudáfrica | 7 | 1 | 4 |
| Holanda | 6 | 3 | 1 |
| Australia | 6 | 0 | 1 |
| Costa Rica | 6 | 0 | 5 |
| Uruguay | 5 | 0 | 3 |
| Canada | 4 | 0 | 0 |
| Chile | 3 | 3 | 0 |
| Austria | 3 | 0 | 1 |
| Gran Bretaña | 3 | 2 | 0 |
| Polonia | 3 | 0 | 3 |
| Peru | 2 | 1 | 1 |
| Hungría | 2 | 0 | 1 |



Costa Rica 1,3%
Australia 1,3%
Sudáfrica 1,6%
Dinamarca 1,8%
Suecia 2,2%
Belgica 2,4%
Francia 2,4%
Brasil 2,7%
United States of... 4,0%
Alemania 5,3%
Suiza 5,6%
Argentina 7,3%
Italia 27,8%
España 15,1%
Colombia 9,8%
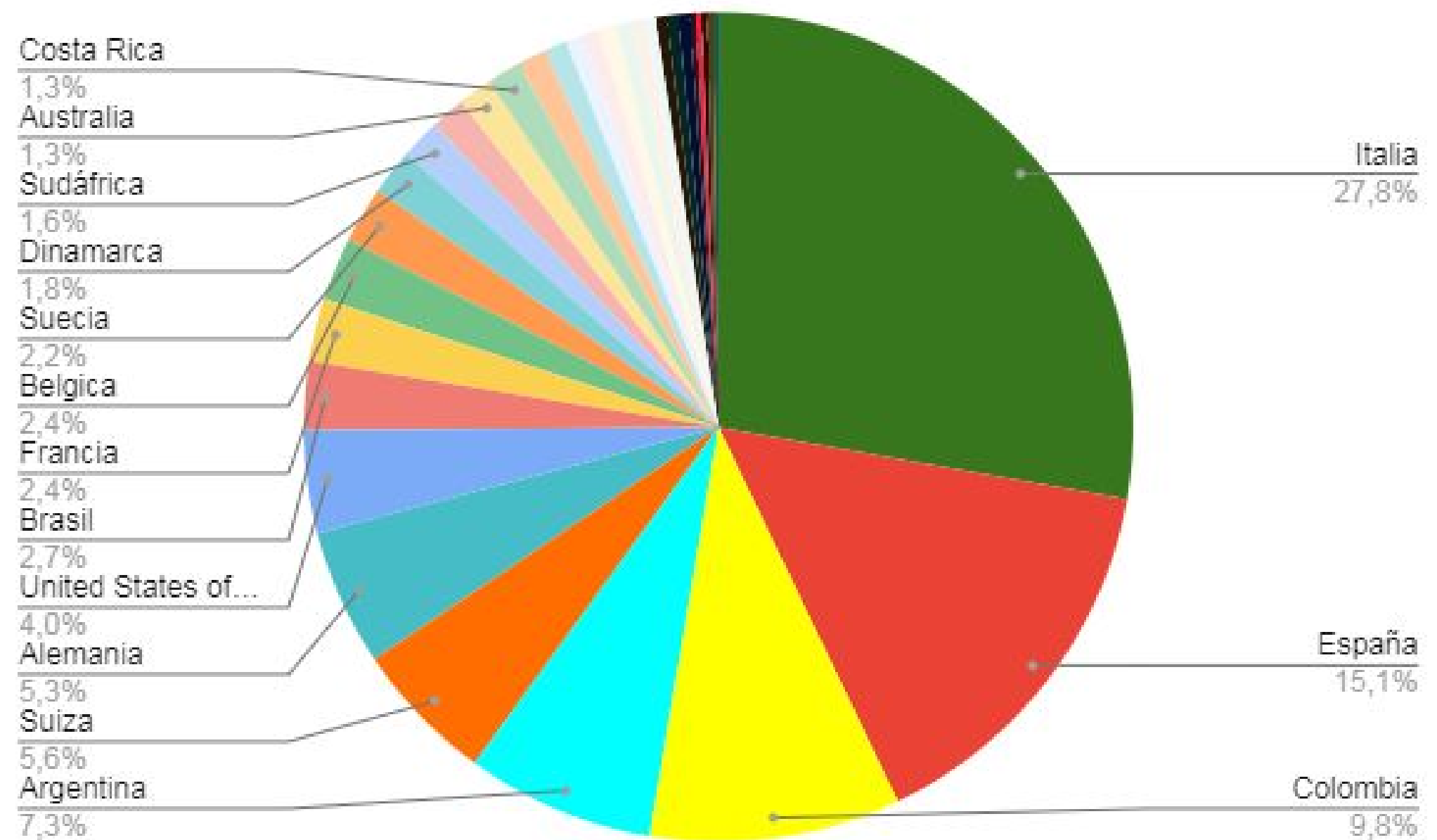
# THANK YOU

## The LibLink team at UNLP

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Office for Institutional Relations: Mg. Carlos J. Nusch

Celsius Project and infrastructure management: Dr. Gonzalo L. Villarreal
Celsius Developers: Bach. Ariel Sobrado.
Celsius Administrators: Mg. Carlos J. Nusch, Prof. Enzo Golfetto.