



**UN-GGIM:Americas**

REGIONAL COMMITTEE OF UNITED NATIONS  
ON GLOBAL GEOSPATIAL INFORMATION  
MANAGEMENT FOR THE AMERICAS



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# **X SESSION** **UN-GGIM:** **AMERICAS**

October 18, 19 and 20 - 2023

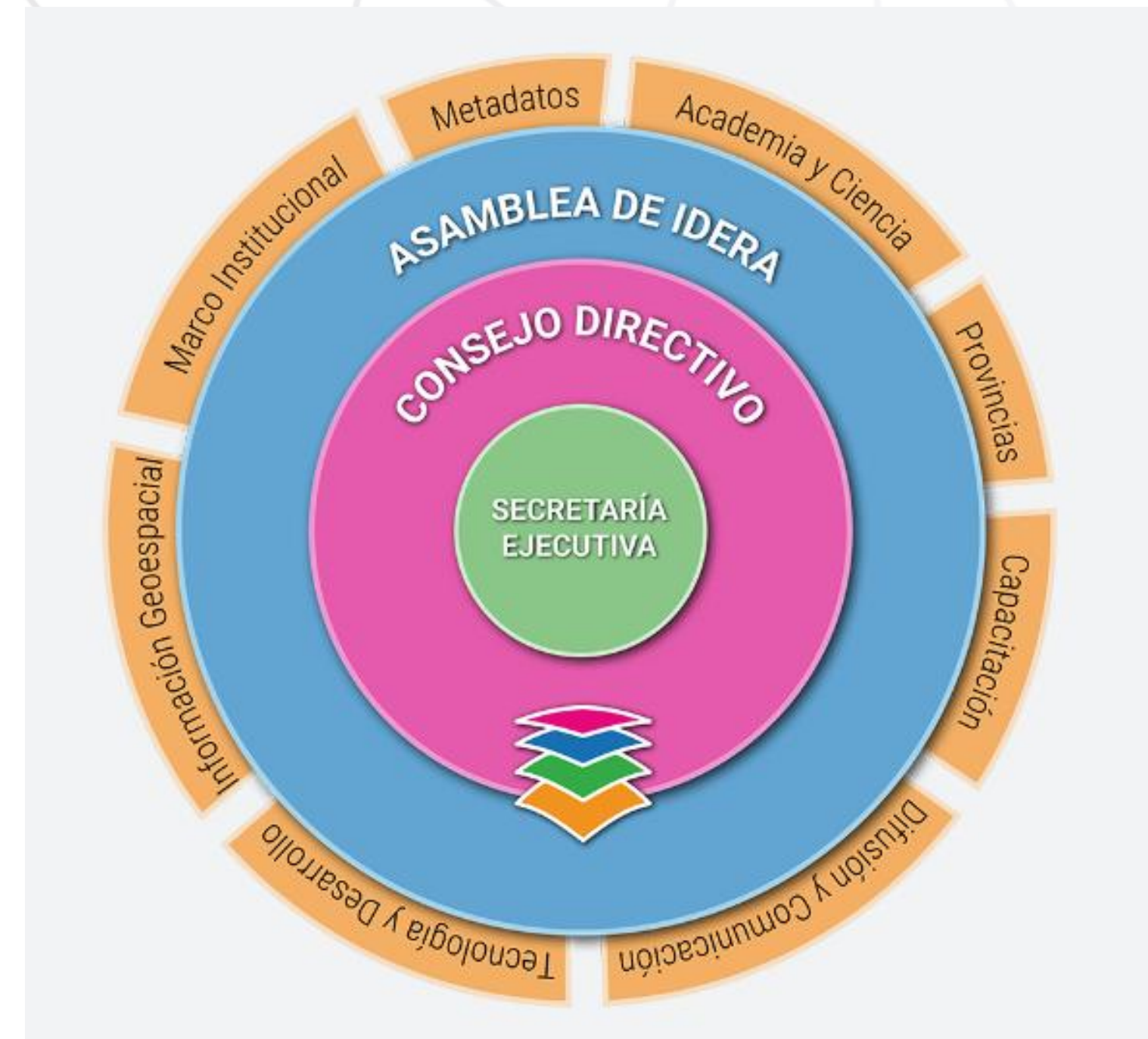
**Santiago de Chile, ECLAC**

## **Implementation of the UN-IGIF in Argentina**

Agrim . Sergio Cimbaro  
*President of National Geographic Institute*

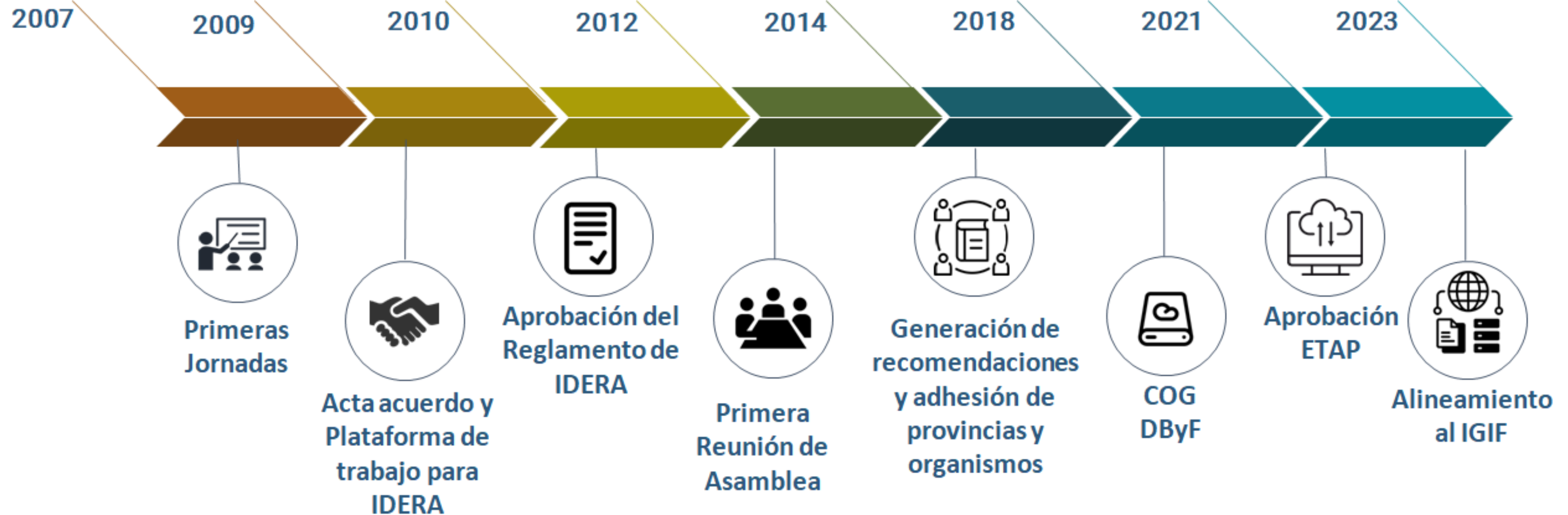
# Spatial Data Infrastructure of the Argentine Republic (IDERA) – Composition

- ❑ Assembly
- ❑ Board of Directors
- ❑ Executive Secretary
- ❑ Technical Working Groups
  - Institutional Framework
  - Geospatial Information
  - Training
  - Technology and Development
  - Metadata
  - Academy and Sciences
  - Dissemination and Communication
  - Provinces

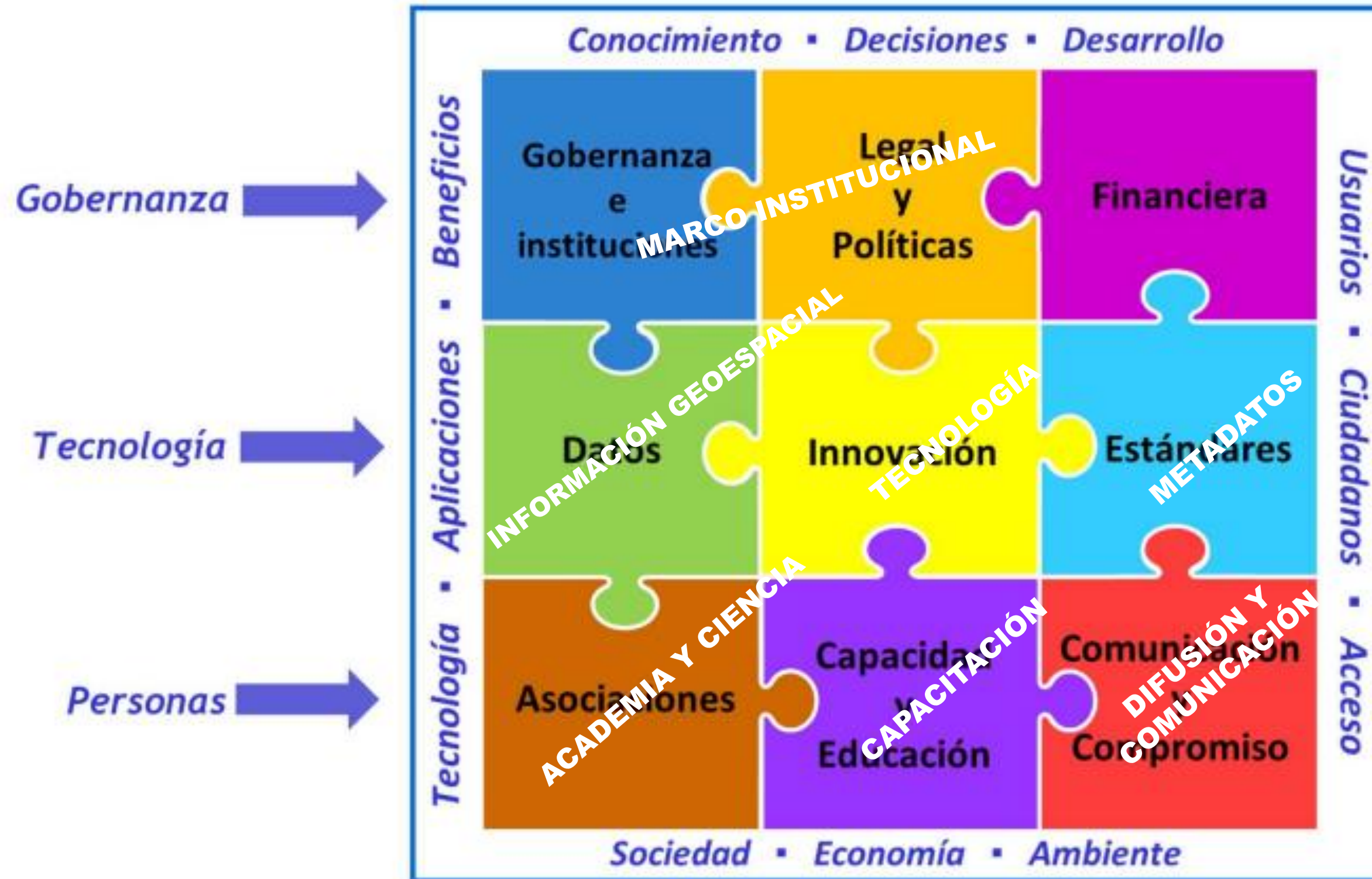




# Spatial Data Infrastructure of the Argentine Republic (IDERA) – Evolution



# Spatial Data Infrastructure of the Argentine Republic (IDERA) – Evolution





# IGIF implementation workshop

**ECLAC assistance through Álvaro Monett**

**Total participants:** 44 attendees

**Total participants by jurisdiction:**

20 from national jurisdictions

14 from provincial jurisdictions

4 jurisdictions universities

3 companies

2 from municipal jurisdictions

1 Non-Governmental Organization



**Taller**  
**“Implementación del Marco Integrado  
de Información Geoespacial  
en la República Argentina”.**

**13, 14 y 15 de Diciembre**  
**Ciudad de Buenos Aires**

organizan:



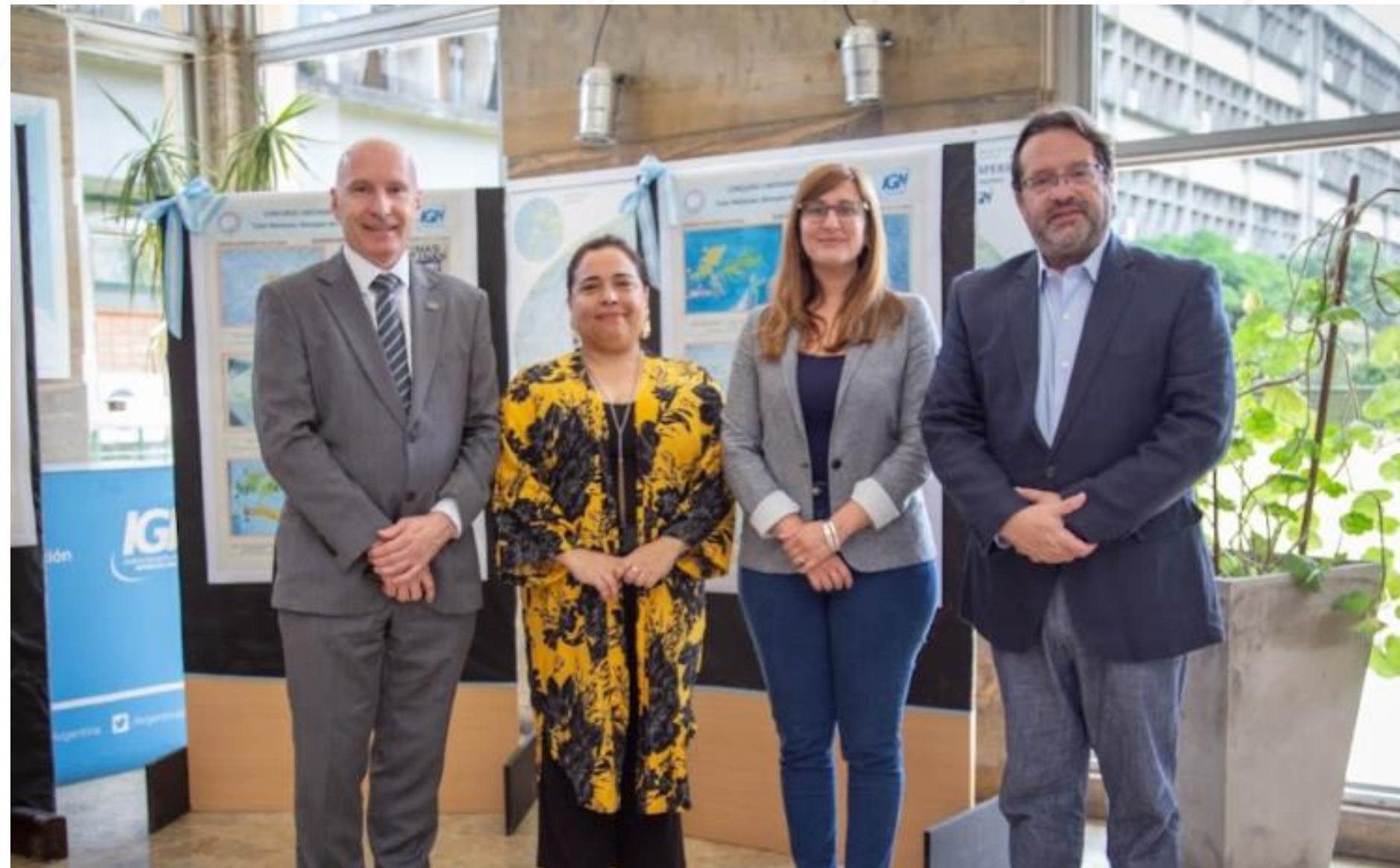
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# IGIF implementation workshop



## Presence of political authorities:

**Sofía Nilo:** President of UN-GGIM: Americas

**Daniela Castro:** Secretary Research, Industrial Policy and Production for Defense

**Marco Lavagna :** Director of the National Institute of Statistics and Censuses (INDEC)

**Sergio Cimbaro :** President of the National Geographic Institute (IGN) and Executive Secretary of IDERA.



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# IGIF implementation workshop



**First day: Theoretical and institutional presentation of the IGIF**

**Second day: Workshops divided by Jurisdiction**

**Third day: Sharing and conclusions**



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# IGIF Implementation Workshop - Conclusions

**The Workshop was a favorable space for addressing very interesting discussions.**

**A methodological exercise was carried out that can be replicated in different jurisdictions.**

**It was decided to move towards the adaptation of a Strategic Plan aligned to the Integrated Geospatial Information Framework (IGIF)**

**The result of the Workshop was a list of actions to be incorporated into a new Action Plan .**

**Encourage each jurisdiction to implement this common methodology aligned with the IGIF .**





# IGIF Implementation Workshop - Actions

## **Prepare two documents:**

Strategic Plan (General Guidelines)

Action Plan (Concrete actions to be carried out in the short, medium and long term)

**Disseminate and communicate at the institutional level IDERA's decision to implement the IGIF in Argentina.**

**The organization of the IDERA Conference in 2023 must be aligned with the IGIF.**



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# XVII IDERA Conference

Towards an integrated geospatial information framework - IGIF



## Main presentations :

- **Stefan Schweinfest - UN-GGIM**
- **Sofia Nilo - UN-GGIM: Americas**
- **Marco Lavagna - INDEC**
- **Daniela Castro – SIPIyPD**
- **Diego Aguirre – Government of La Pampa**
- **Agustín Villar Iglesias – IDE Andalucía**



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# XVII IDERA Conference

## Towards an integrated geospatial information framework - IGIF

### The IDERA days in numbers:

- 28 institutional presentations
- 15 Work workshops
- 46 academic works
- More than 250 people attended
- The IDERA Assembly was held
- The meeting of the Technical Working Groups was held
- It was broadcast on a YouTube channel , registering 700 views.



# IDERA towards the UN-IGIF

## Conclusions :

- **The IDERA Strategic Plan aligned with the IGIF was approved.**
- **The annual Action Plan was approved to address the 9 strategic avenues of the IGIF in the Technical Working Groups.**
- **Jurisdictional meetings were held with the coordinators of the Technical Working Groups for the implementation of the IGIF.**
- **The need to generate training workshops for trainers was visualized.**
- **The translation of IGIF documents was supported.**





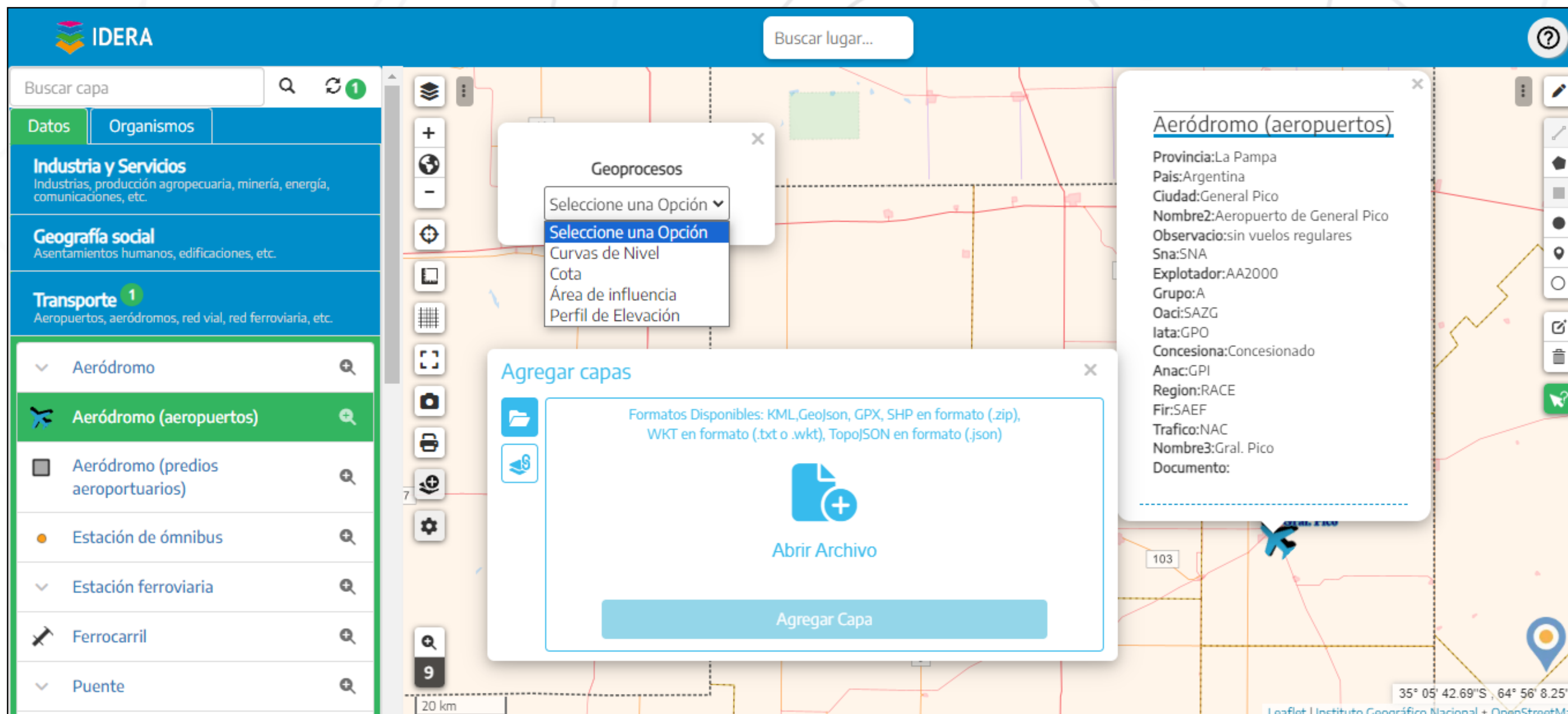
# IDERA towards the UN-IGIF

## Next steps :

- **The study of the 16 steps proposed by UN-GGIM will be deepened to form teams of trainers and improve the implementation of the IGIF.**
- **Based on the Strategic Plan, and the analysis of the situation of each of the Jurisdictions, new workshops will be organized focused on the jurisdictions.**
- **We will seek to strengthen the standardization of geospatial information to achieve greater interoperability and usability.**



# IDERA towards the UN-IGIF



The screenshot displays the IDERA web application interface. At the top, there is a search bar labeled "Buscar lugar...". Below it, a "Buscar capa" (Search layer) input field is visible. The left sidebar contains a "Datos" (Data) section with tabs for "Organismos" and "Industria y Servicios". Under "Industria y Servicios", there are categories like "Geografía social" and "Transporte". The "Transporte" category is expanded, showing a list of layers including "Aeródromo", "Aeródromo (aeropuertos)", "Aeródromo (predios aeroportuarios)", "Estación de ómnibus", "Estación ferroviaria", "Ferrocarril", and "Puente". The "Aeródromo (aeropuertos)" layer is selected and highlighted in green. The main map area shows a geographical map with a red location pin. Three pop-up windows are overlaid on the map: 1. "Geoprosesos" (Geoprocesses) with a dropdown menu showing "Seleccione una Opción" and a list of options: "Curvas de Nivel", "Cota", "Área de influencia", and "Perfil de Elevación". 2. "Agregar capas" (Add layers) with a file icon and the text "Formatos Disponibles: KML, Geojson, GPX, SHP en formato (.zip), WKT en formato (.txt o .wkt), TopoJSON en formato (.json)", a large blue plus icon, and buttons for "Abrir Archivo" and "Agregar Capa". 3. "Aeródromo (aeropuertos)" information window with details: "Provincia: La Pampa", "País: Argentina", "Ciudad: General Pico", "Nombre2: Aeropuerto de General Pico", "Observacio: sin vuelos regulares", "Sna: SNA", "Explotador: AA2000", "Grupo: A", "Oaci: SAZG", "Iata: GPO", "Concesiona: Concesionado", "Anac: GPI", "Region: RACE", "Fir: SAEF", "Tráfico: NAC", "Nombre3: Gral. Pico", and "Documento:". The bottom right corner of the map shows coordinates "35° 05' 42.69\"S, 64° 56' 8.25\"O" and the text "Leaflet | Instituto Geográfico Nacional + OpenStreetMap".



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# **Thank you so much!!!**

**Agrim . Sergio Cimbaro**  
*President of National Geographic Institute*