

LA APERTURA DE LOS DATOS EN LA **TRANSFORMACIÓN DIGITAL**

UNIVERSITAT DE VALÈNCIA · JORNADAS SOBRE CIENCIA ABIERTA 2024

Por: Joel Torres · joel@escire.es





TRANSFORMACIÓN DIGITAL

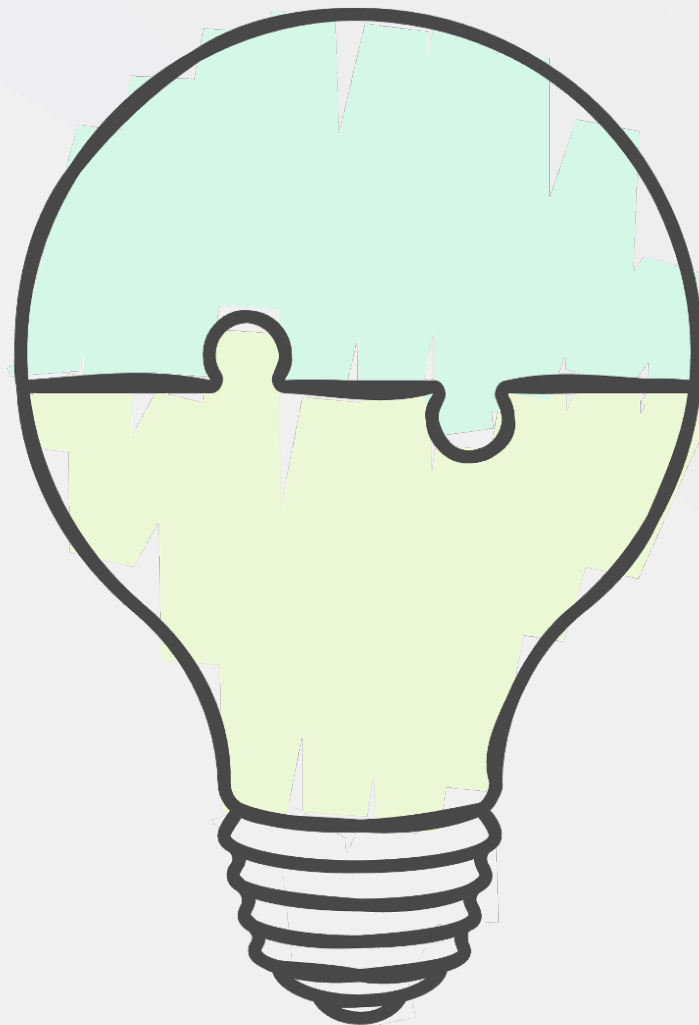


La transformación digital

Automatización



- Enfoque en tareas específicas
- Reducción de errores humanos
- Aumento de la eficiencia
- Uso de software y hardware



Transformación Digital

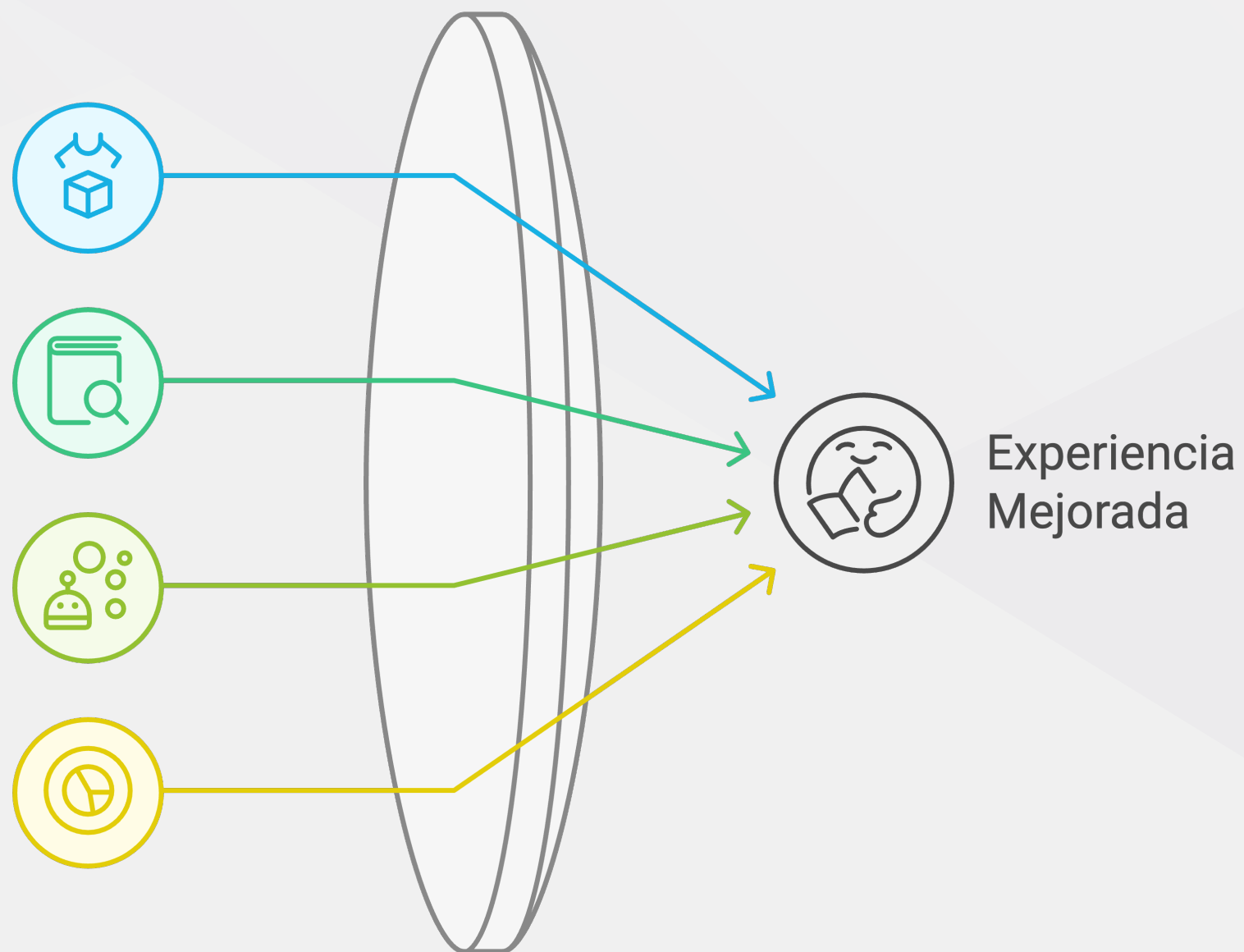


- Cambio cultural
- Innovación en servicios
- Interacción con usuarios
- Uso de tecnologías emergentes

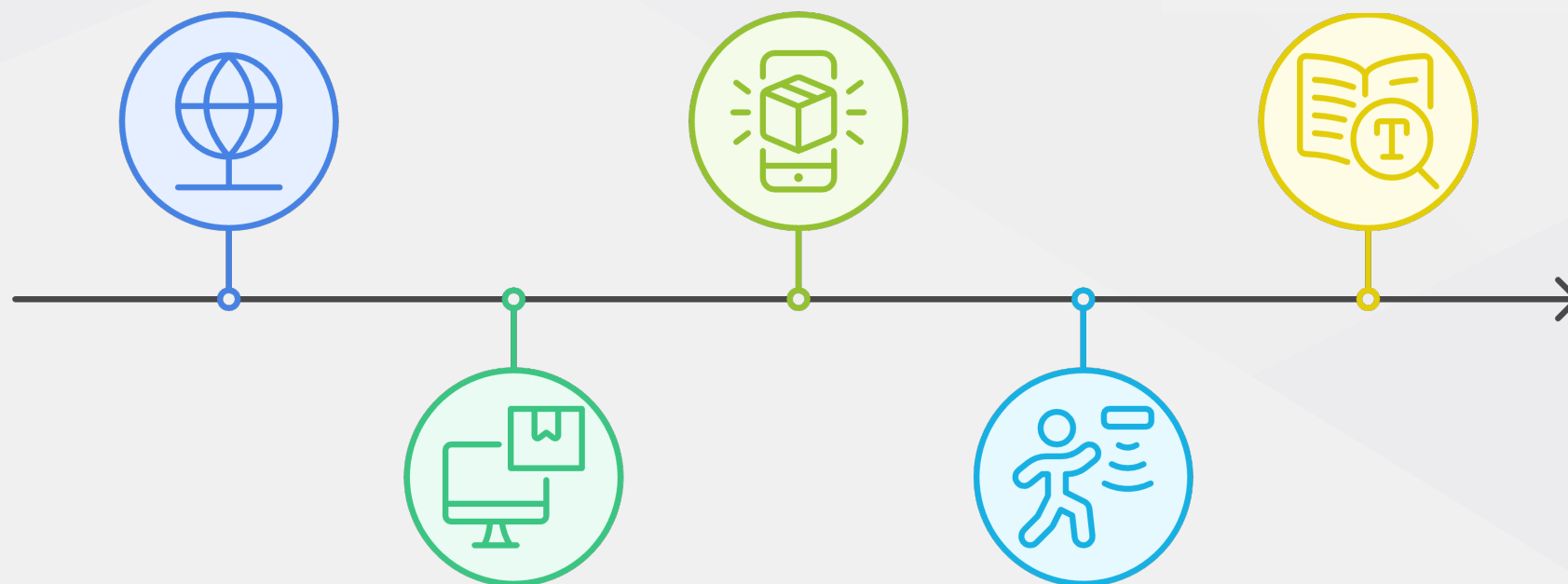
TECNOLOGÍAS CLAVE EN LA TRANSFORMACIÓN DIGITAL



Inteligencia artificial



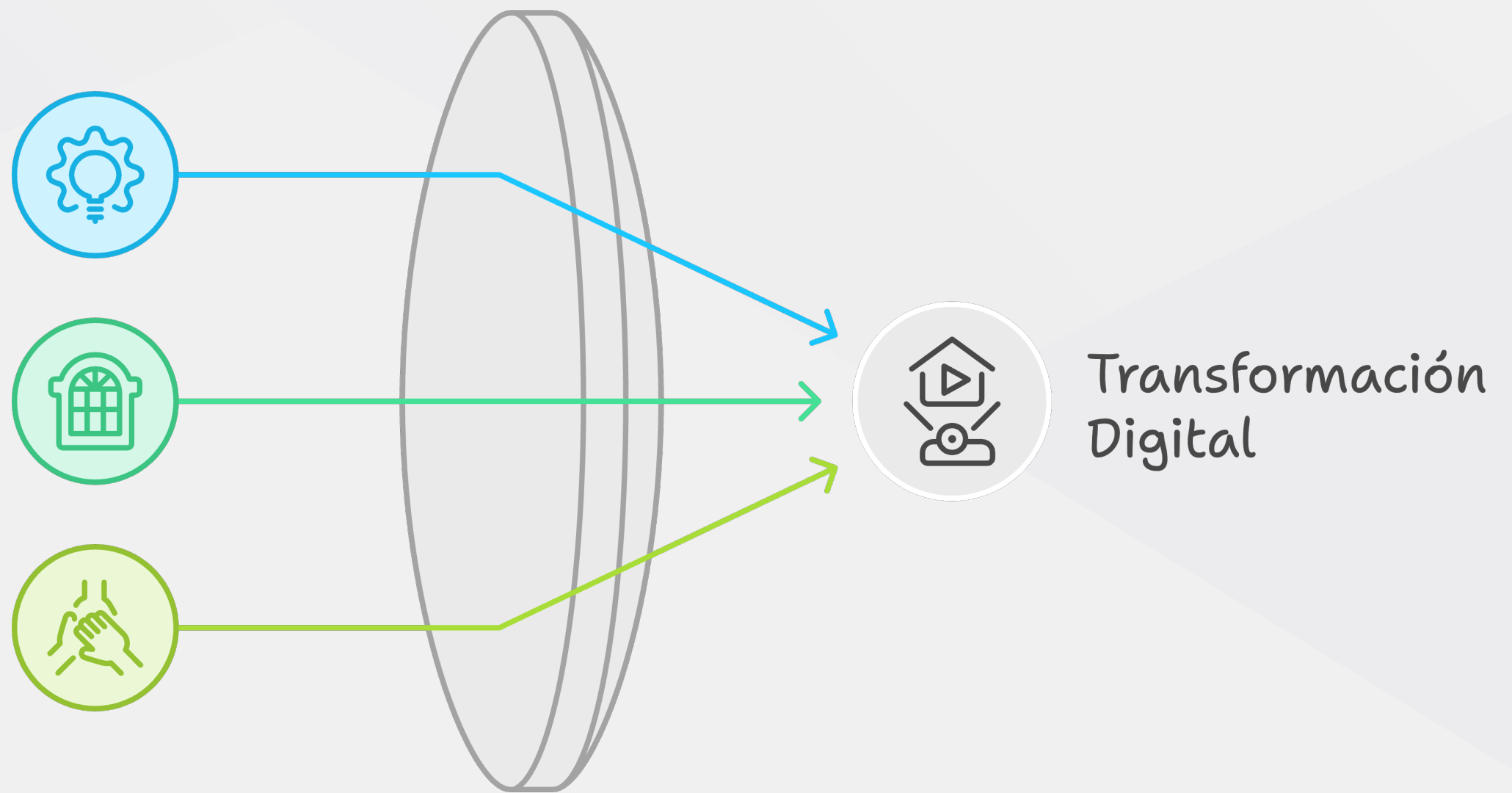
Internet de las cosas (IoT)



Big Data



Datos abiertos: catalizador de la transformación digital



DATOS ABIERTOS



Datos abiertos

Redistribución

Uso Libre

Reutilización

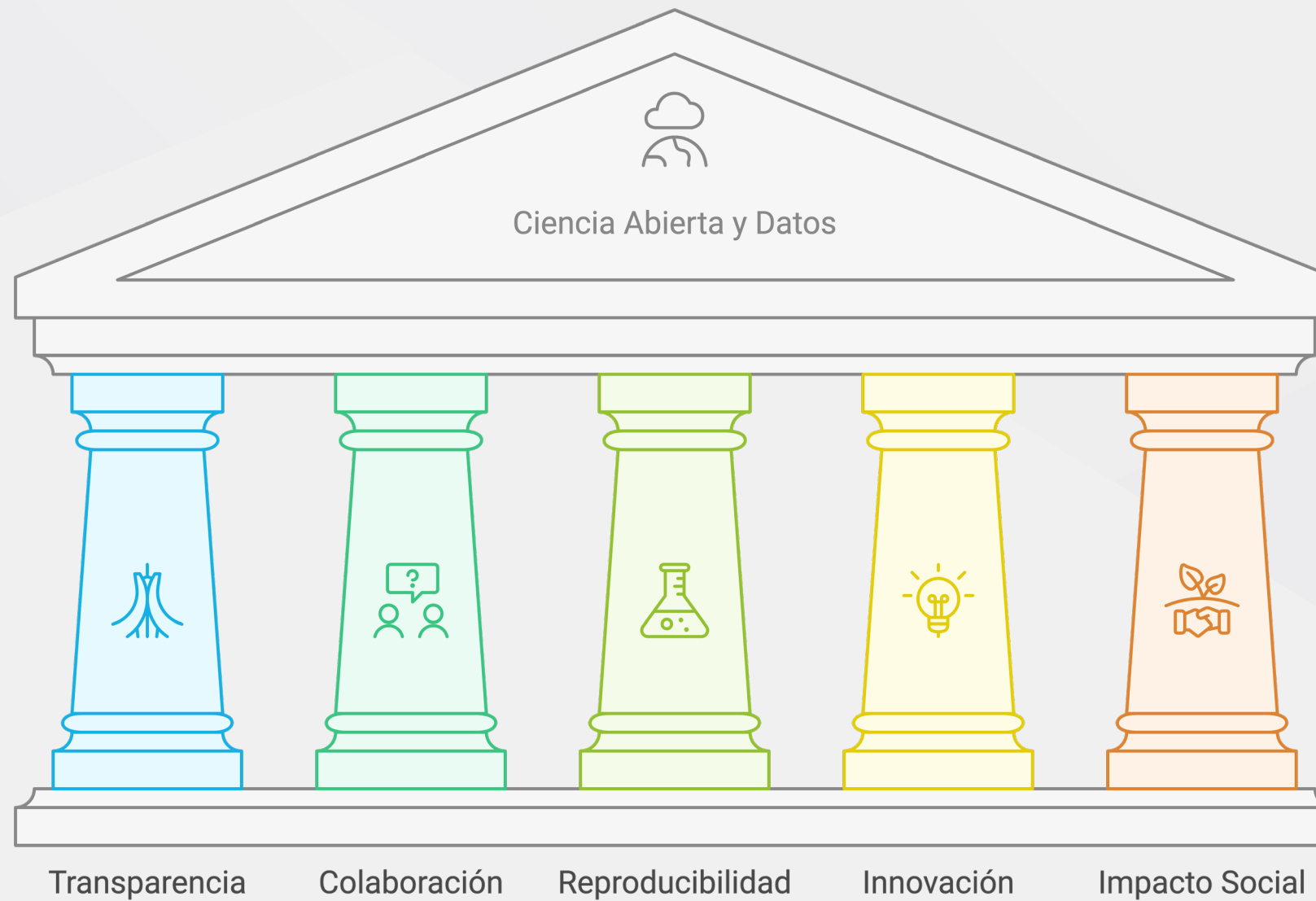


La ciencia abierta y su relación con los datos abiertos



Interdependencia entre Ciencia Abierta y Datos Abiertos

Líneas de trabajo sobre datos abiertos



PARA CONOCER DETALLES

2004: Iniciativa de Acceso Abierto de Budapest (BOAI)

2007: Declaración de Berlín sobre el Acceso Abierto al Conocimiento en Ciencias y Humanidades

2009: Directiva INSPIRE (Directiva 2007/2/EC) / Unión Europea

2013: Plan S / Coalition S

2014: Política de Datos Abiertos de la Fundación Nacional de Ciencia

2016: Recomendación de la OCDE sobre el Acceso a Datos de Investigación Financiada con Fondos Públicos

2017: Declaración de Datos Abiertos de la UNESCO

2020: Estrategia Europea de Datos / Comisión Europea

2021: Plan Nacional de Datos Abiertos en Ciencia e Innovación de Estados Unidos

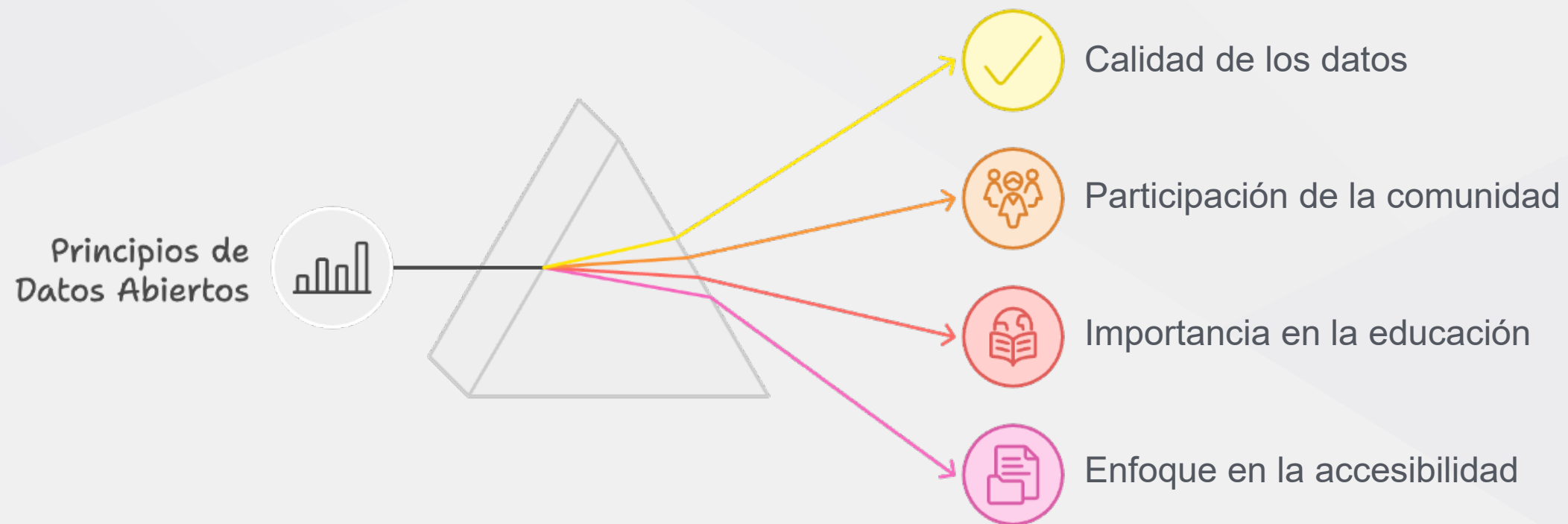
2021: Principios FAIR (Findable, Accessible, Interoperable, Reusable)

2023: Recomendación de la UNESCO sobre la Ciencia Abierta

RECOMENDACIÓN OCDE



RECOMENDACIÓN UNESCO



ESTRATEGIA EUROPEA DE DATOS

Componentes Clave de la Estrategia de Datos



European Open Science Cloud - EU Node

Encontrar repositorios de datos

The screenshot shows the re3data.org website with a search query of 'education'. The left sidebar contains a 'Filter' section with various categories like Subjects, Content Types, Countries, etc. The main content area displays two search results: 'National Center for Education Statistics' and 'Unified-District Information System for Education Plus'. Each result includes a subject list, content type list, country, and a brief description.

re3data.org

Search Browse ▾ Suggest Resources ▾ Contact

education

Search

Toggle short help

← Previous 1 2 3 4 5 6 7 ... 14 Next →

Sort by ▾

Found 329 result(s)

National Center for Education Statistics
NCES

Subject(s) Education Sciences Social and Behavioural Sciences Humanities and Social Sciences

Content type(s) Standard office documents Images Audiovisual data Networkbased data

Country United States

The National Center for Education Statistics (NCES) is responsible for collecting and analyzing data related to education, including assessing the performance of students from early childhood through secondary education as well as the literacy level of adults and post-secondary education surveys. Users can access data on public and private schools as well as public libraries and a college navigator tool containing information on over 7,000 post-secondary institutions.

Unified-District Information System for Education Plus
UDISE+

Subject(s) Education Sciences Social and Behavioural Sciences Humanities and Social Sciences

Content type(s) Archived data Standard office documents Structured graphics Software applications
Scientific and statistical data formats Raw data Source code Databases

Country India

It is a statistical system developed for collection, computerization, analysis and use of educational and allied data for planning, management, monitoring and feedback. So, DISE is an initiative of the Department of Educational Management Information System (EMIS) of NUEPA for developing and strengthening the educational management information system in India. The initiative is coordinated from district level to state and extended up to national level are being constantly collected and disseminated. It provides information on vital parameters relating to students, teachers and infrastructure at all levels of education in India. Presently DISE has

CC BY

LA APERTURA DE LOS DATOS EN LA **TRANSFORMACIÓN DIGITAL**

UNIVERSITAT DE VALÈNCIA · JORNADAS SOBRE CIENCIA ABIERTA 2024

Por: Joel Torres · joel@escire.es

