

REDI+: Toward an Ecuadorian Research Repository based in CRIS

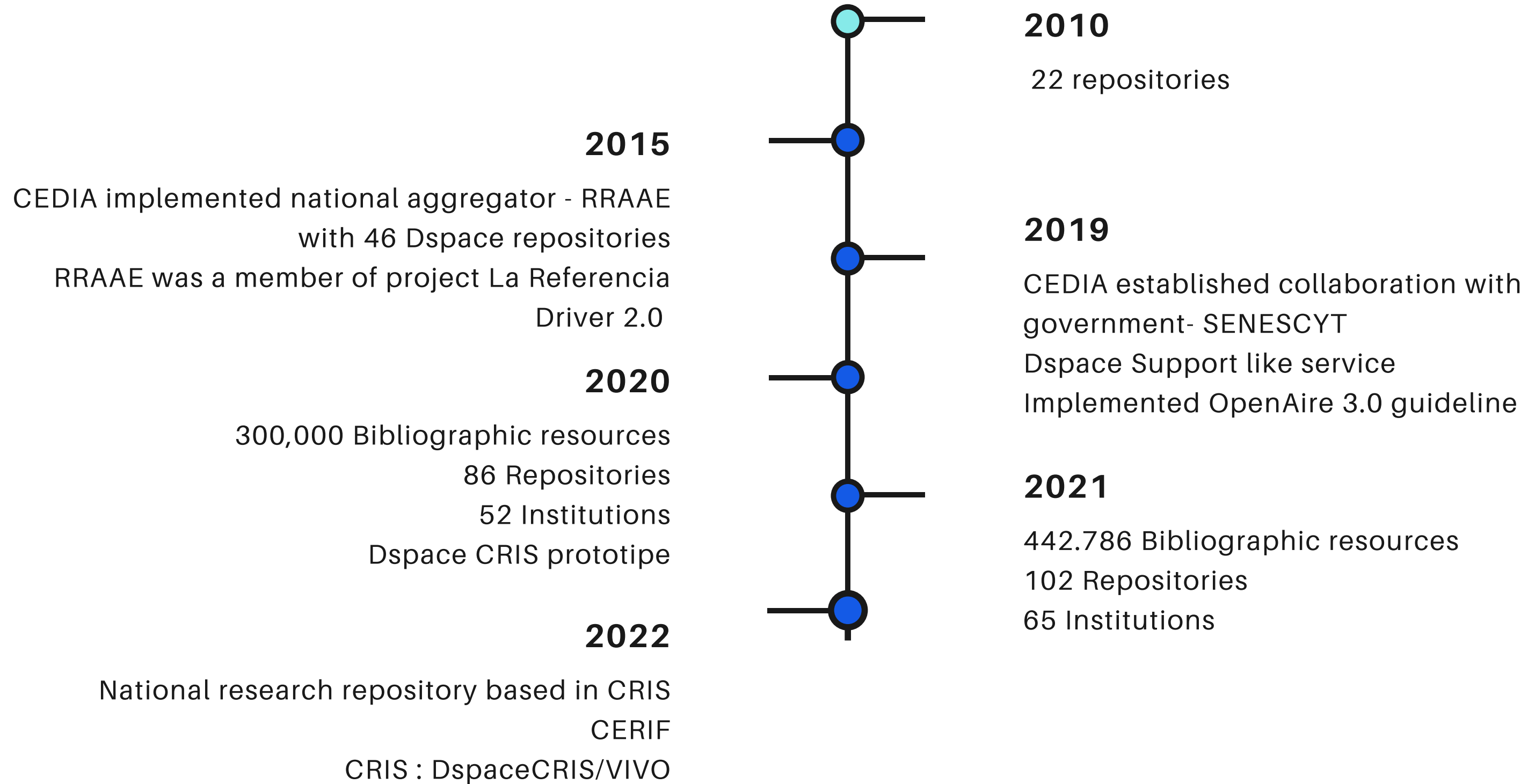
CEDIA

Freddy Fernando Sumba

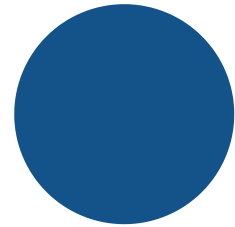
Trieste, Italy

13-17 June 2022

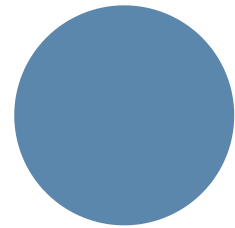
ECUADORIAN RESEARCH REPOSITORY



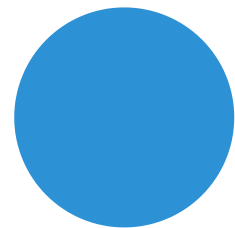
ECUADORIAN RESEARCH REPOSITORY BASED IN CRIS



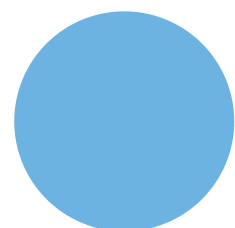
Research publications



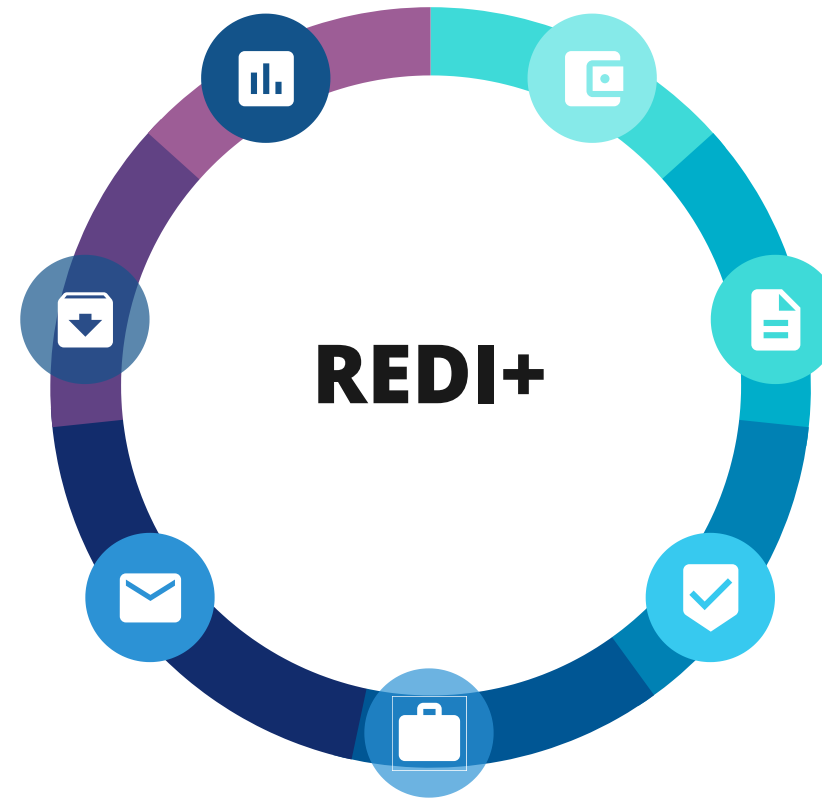
Research datasets



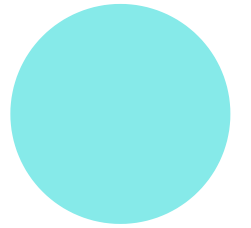
Researchers profiles - CV



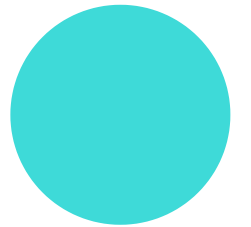
Patents



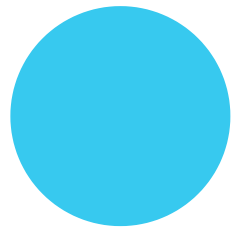
Infrastructure
Offer and demand
technology of
institución



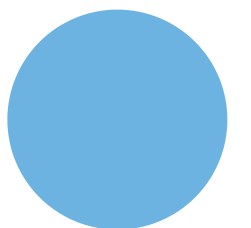
Research
events/congress



National metrics
and indicators



Programs & Grants



CRIS (Current Research Information Systems)
CERIF (Common European Research Information Format)
VIVO
<https://redi.cedia.edu.ec>

ECUADORIAN RESEARCH REPOSITORY PROCESS

HARVEST



Dspace/Dspace CRIS
SCielo
CORE
OpenAire graph
VIVO

ENRICHMENT



Ontology
annotation
Mapping

PROCESSING



Data mining
Disambiguation

PERSIST



TripleStore
NoSQL Databases
Big Data

VISUALIZATION



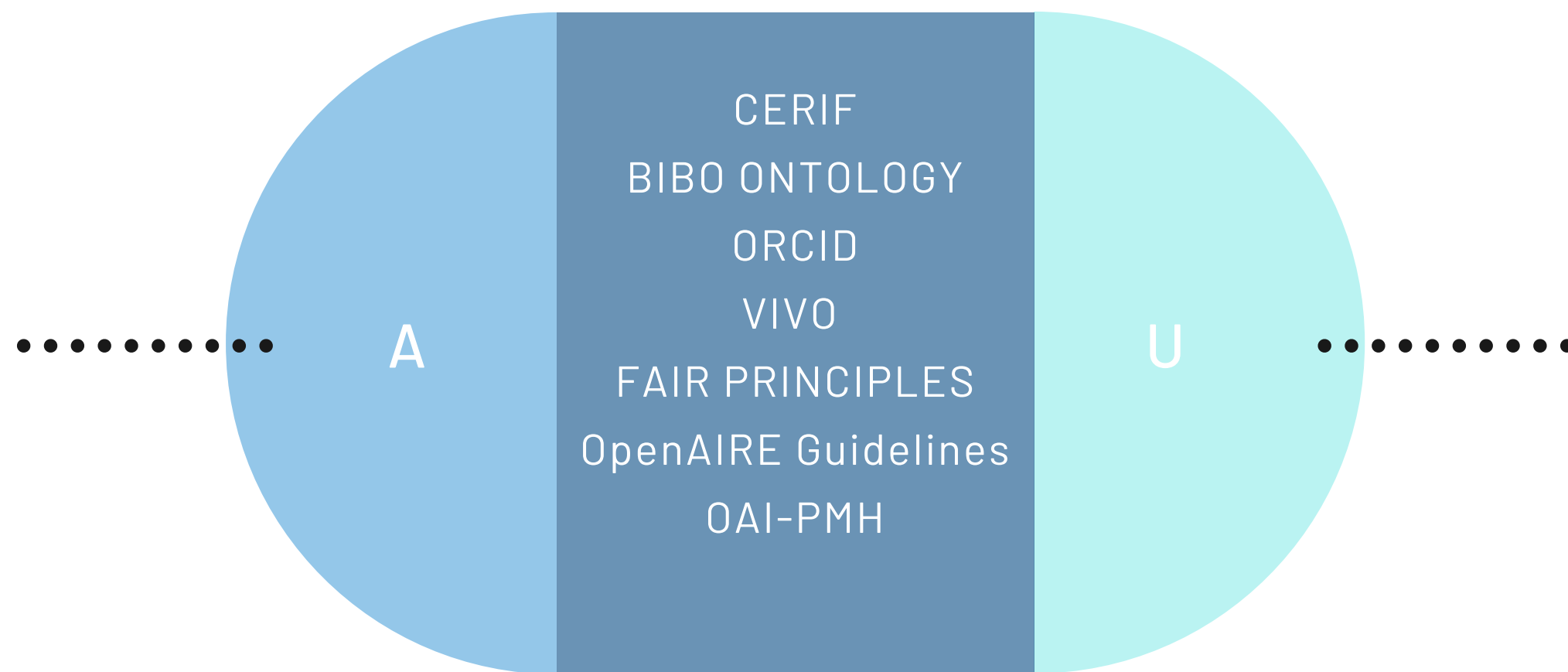
Visualization models
D3
PowerBI

ECUADORIAN RESEARCH REPOSITORY INTEROPERABILITY

redi RED DE INVESTIGADORES

DATA INPUTS

CRIS Universities
Dspace
Research databases
Data Repositories
DBPEDIA



OUTPUT

API
SPARQL ENDPOINT
OAI-PMH



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Autor registrado en REDI

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Información General

Indicadores
 Numero de Publicaciones : 67
 Numero de Citas : 1133
 H index: 17
 i10 : 19

Producción

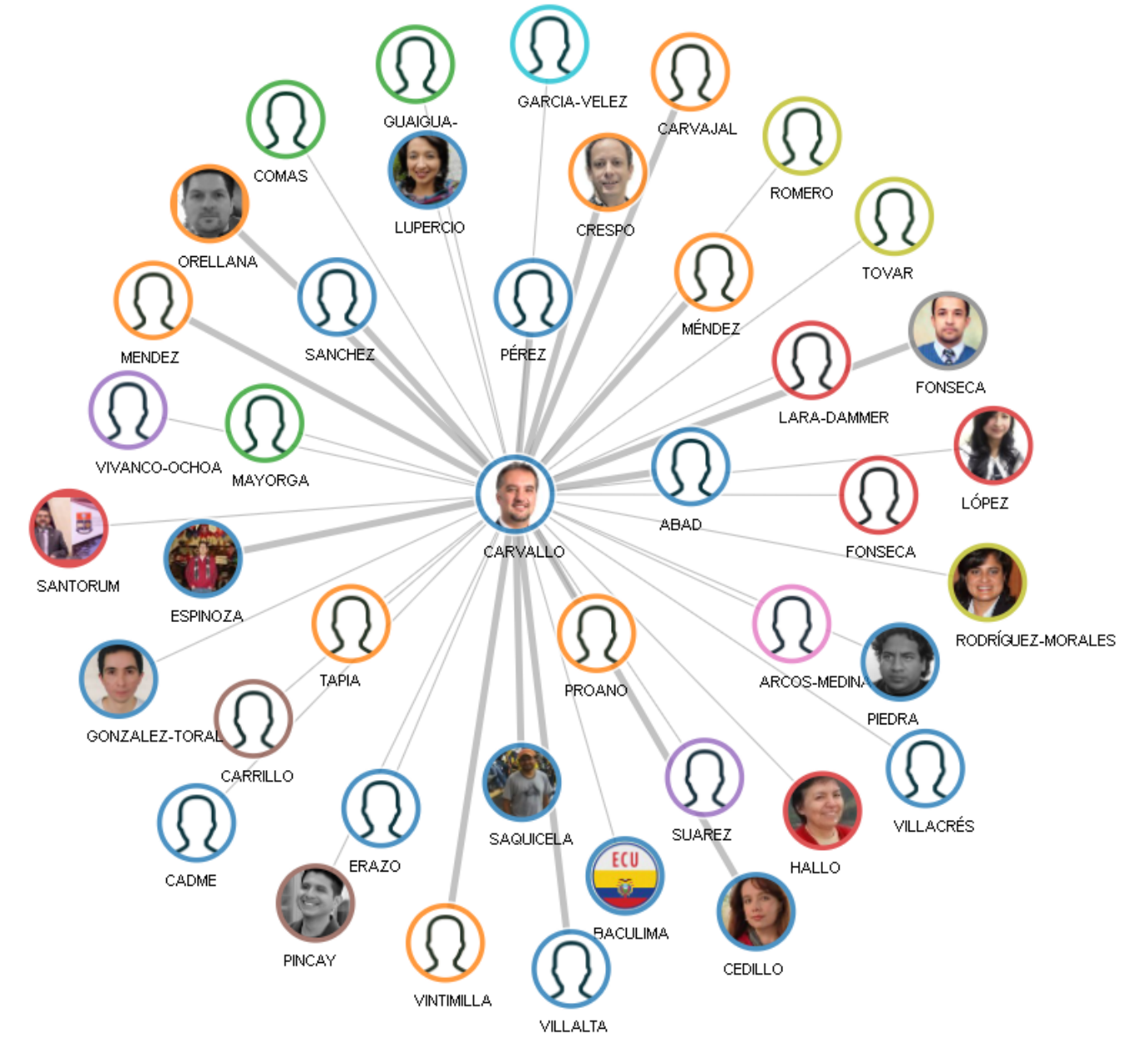


Areas de investigacion

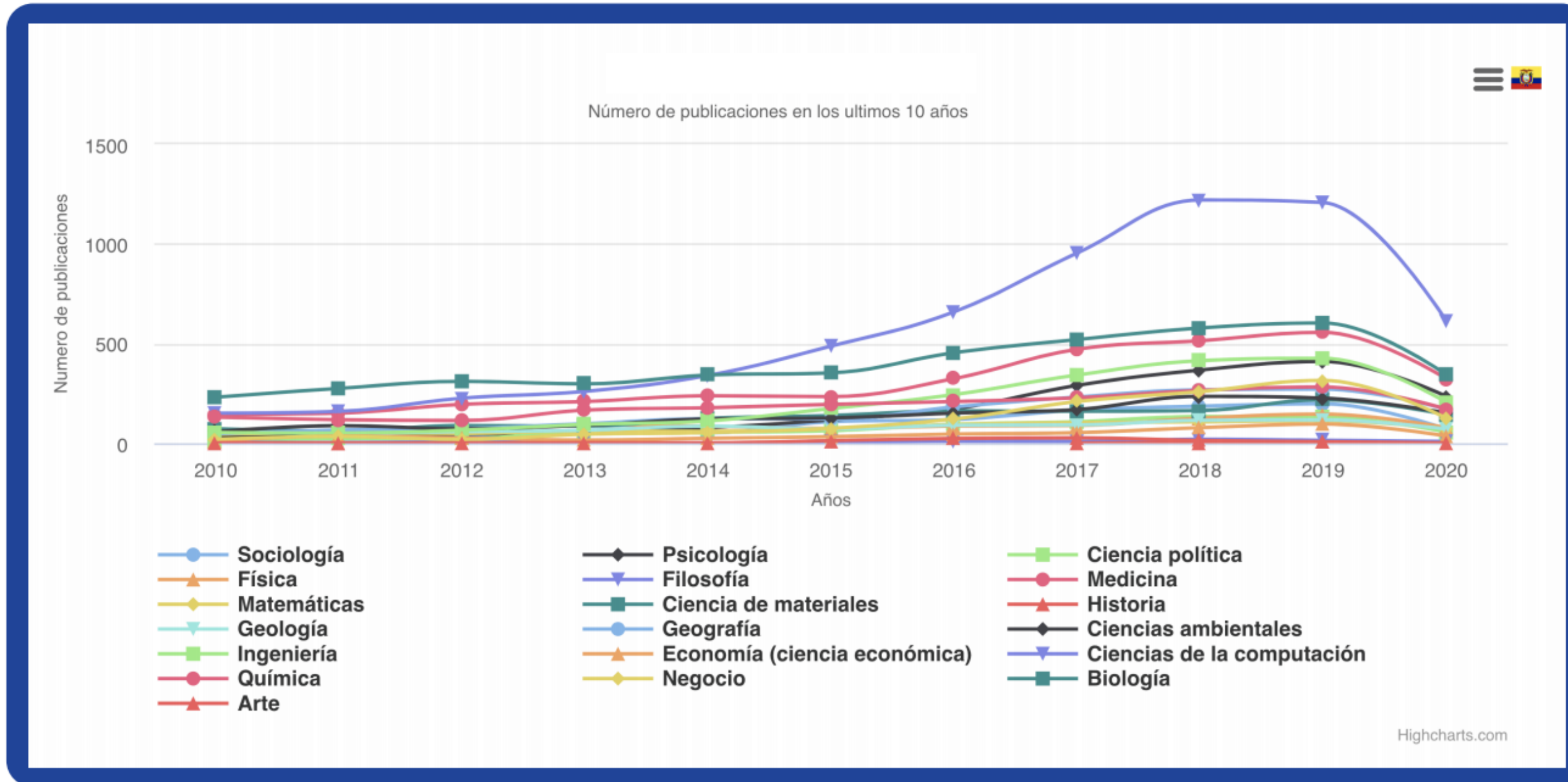
Generales	Especificas
Ciencias De La Computación	Ingeniería De Software
	Aprendizaje Automático
	Algoritmo
	Optimización (matemática)
	Computación En La Nube

Coautores Relevantes

-  edwin f boza
-  johnny torres
-  carmen vaca
-  jorge r murillo
-  Totoy, G.
-  harold aragon



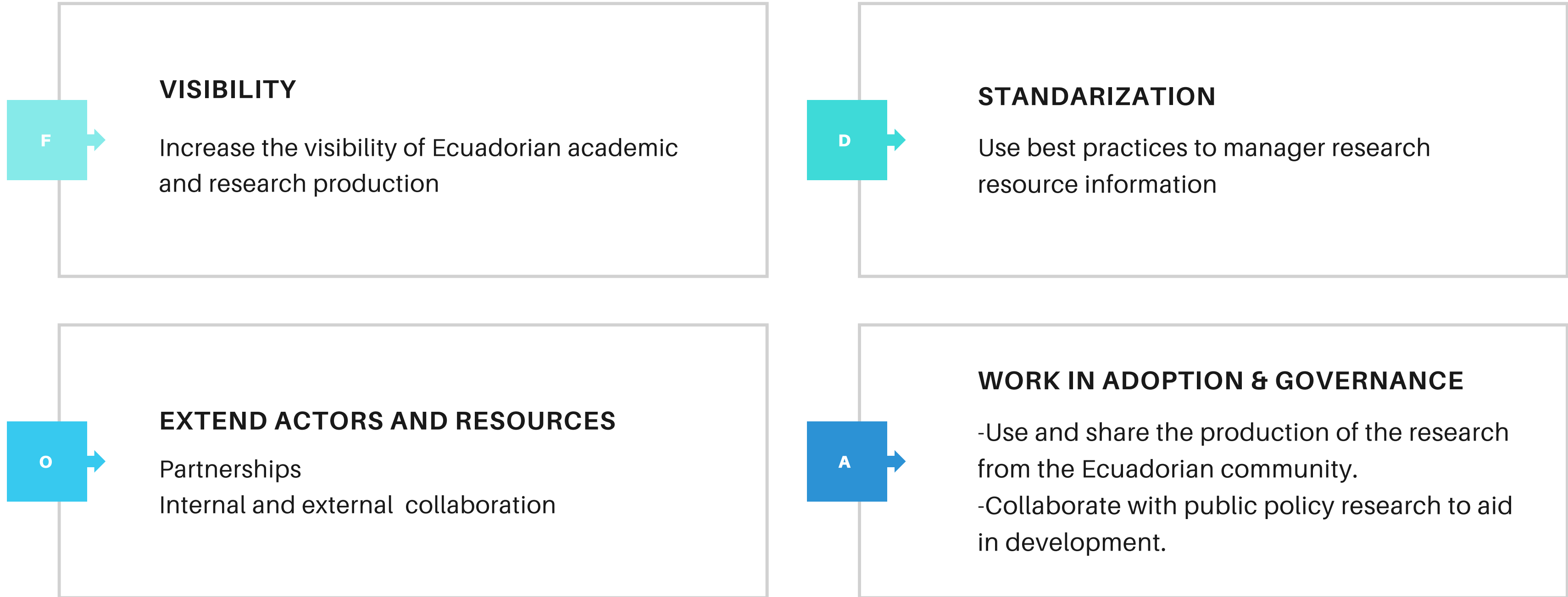
RESEARCH TRENDS



UNIVERSITY COLLABORATION



CONCLUSION & NEXT STEPS



Thank you

Any Questions?

