



TCI NETWORK
27TH TCI GLOBAL CONFERENCE
THE COLLABORATIVE FUTURE
AI & HUMAN PROGRESS THROUGH CLUSTERS
OCTOBER 8 -10 CHIHUAHUA MEXICO

SESSION 2. HUMAN PROGRESS

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INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
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JUAN CARLOS GONZÁLEZ

BOGOTÁ CHAMBER OF COMMERCE

FACILITATED BY



ÁSTA KRISTÍN

SIGURJÓNSDOTTIR



ERIC HANSEN

19 Clusters

Lead by the Bogotá Chamber of Commerce



15,600
Software and IT
Companies
registered in
Bogotá – Region.



138,674
Employees in the
technology
sector in Bogotá
– Region.



140
large companies in the
IT sector
+200 Employees



Clúster
**Food
Security**
Bogotá-Región



Clúster
**Printing &
Packaging**
Bogotá-Región



Clúster
**Animal Welfare
and Protection**
Bogotá-Región



Clúster
Energy
Bogotá-Región



Clúster
**Water and Circular
Economy**
Bogotá-Región



Clúster
Construction
Bogotá-Región



Clúster
Music
Bogotá-Región



Clúster
**Creative and
Contents Industries**
Bogotá-Región



Clúster
Health
Bogotá-Región



Clúster
Pharmaceutical
Bogotá-Región



Clúster
**Cosmetics and
Wellbeing**
Bogotá-Región



Clúster
**Logistics and
Mobility**
Bogotá-Región



Clúster
**Financial
Services**
Bogotá-Región



Clúster
**Shoes and
Leather**
Bogotá-Región



Clúster
Clothing
Bogotá-Región



Clúster
Jewelry
Bogotá-Región

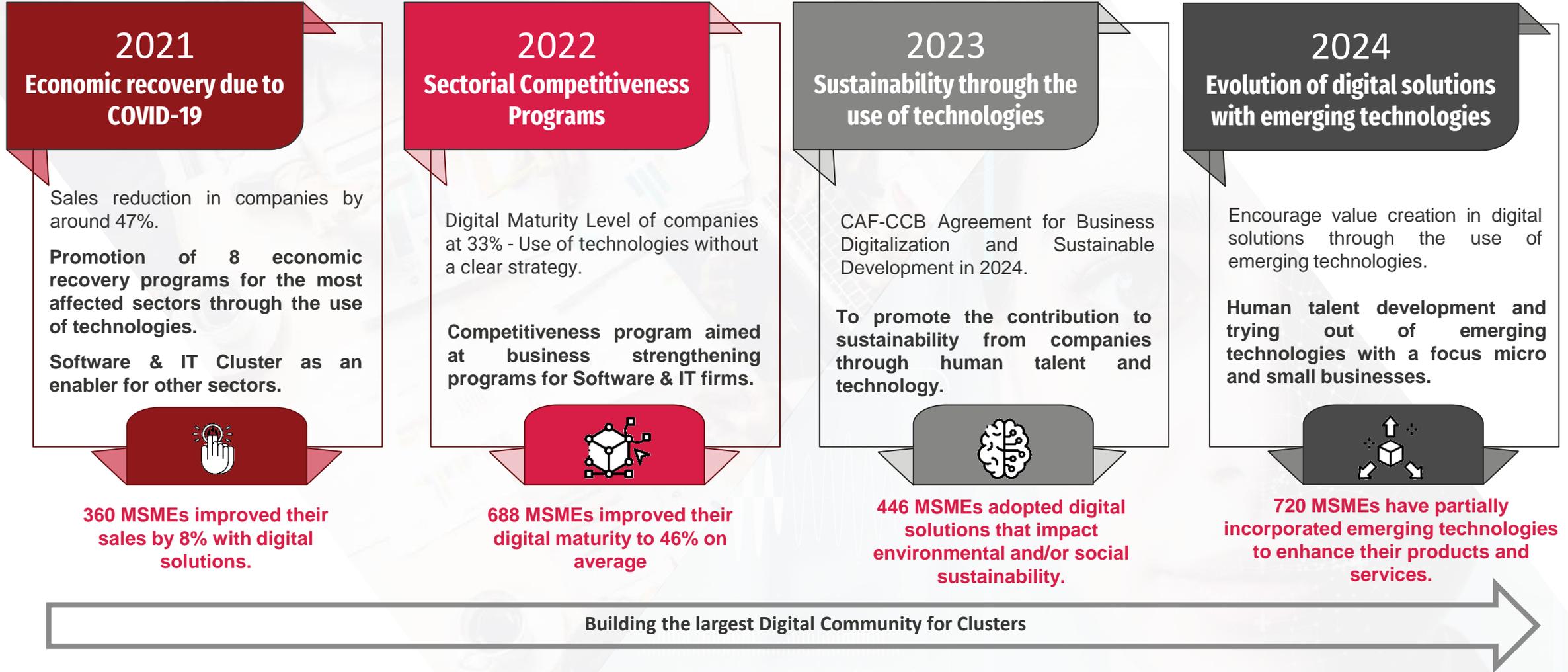


Clúster
Tourism
Bogotá-Región



Clúster
**Sports and
Recreation**
Bogotá-Región

Evolution of the Software & IT Cluster and digital transformation of CCB clusters



2.000
Active users
3 Clusters

7.000
Active users
3 Clusters

14.000
Active users
8 Clusters

35.000
Active users
19 Clusters

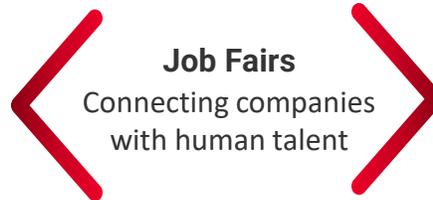
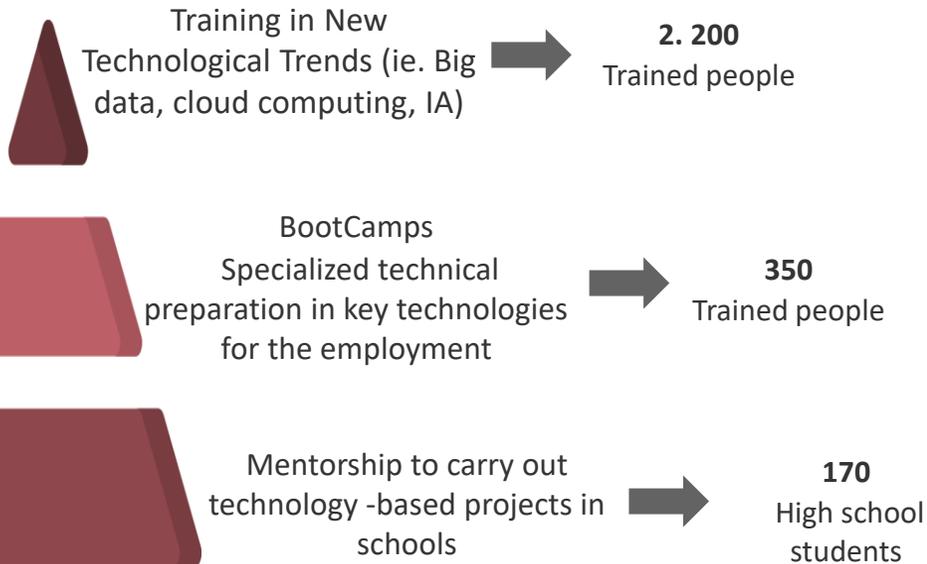
A dual agenda focused on building talent and strengthening companies (2024)

Talent

Companies

EmerTech Program

To promote the incorporation of emerging technologies (AI, Blockchain, Cybersecurity, and Internet of Things) by companies in the Software and IT, Financial Services, Logistics and Mobility, and Creative and Content Industries clusters to improve their business models, products, and/or services for their clients



IA & Cibersecurity



Cibersecurity & Blockchain



IA



IoT & IA

80 digital solutions incorporating at least one of the prioritized technologies.

850 MSMEs sensitized and encouraged in the use of solutions with emerging technologies.



Key takeaways



1

Clusters have proven to be a **successful tool** for managing business **crises** and strategically adapting to new realities.



2

Digital transformation in businesses require simultaneous efforts with technology companies (**supply**) and companies from other economic sectors to address needs (**demand**).



3

In technology adoption processes, it is essential to work on **internal processes** within companies, but also on **the skills** of the associated **human talent** for sustainability.



4

International cooperation is part of the nature of clusters and is an ideal mechanism for the accelerated growth of value chains.

