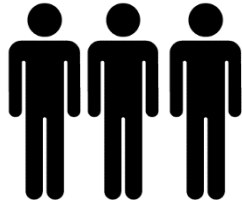


SMART CITIES FOR THE WORLD / MOBILE WORLD CONGRESS 2014

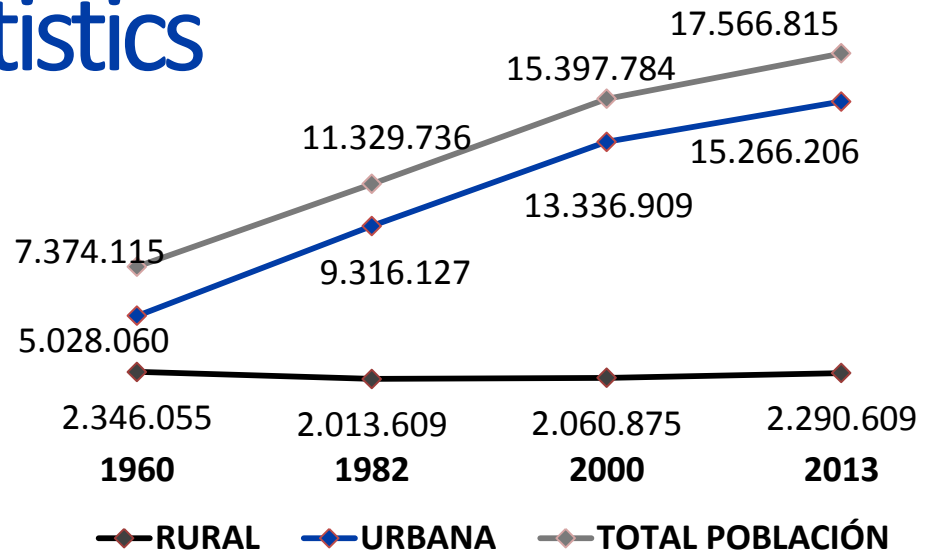
# CHILE as a smart country



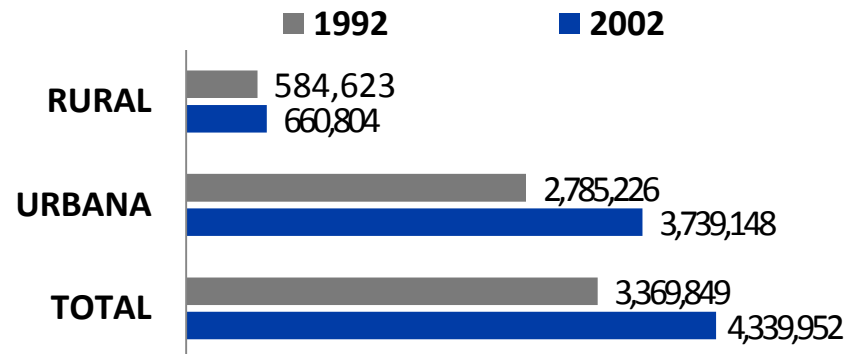
# CHILE statistics



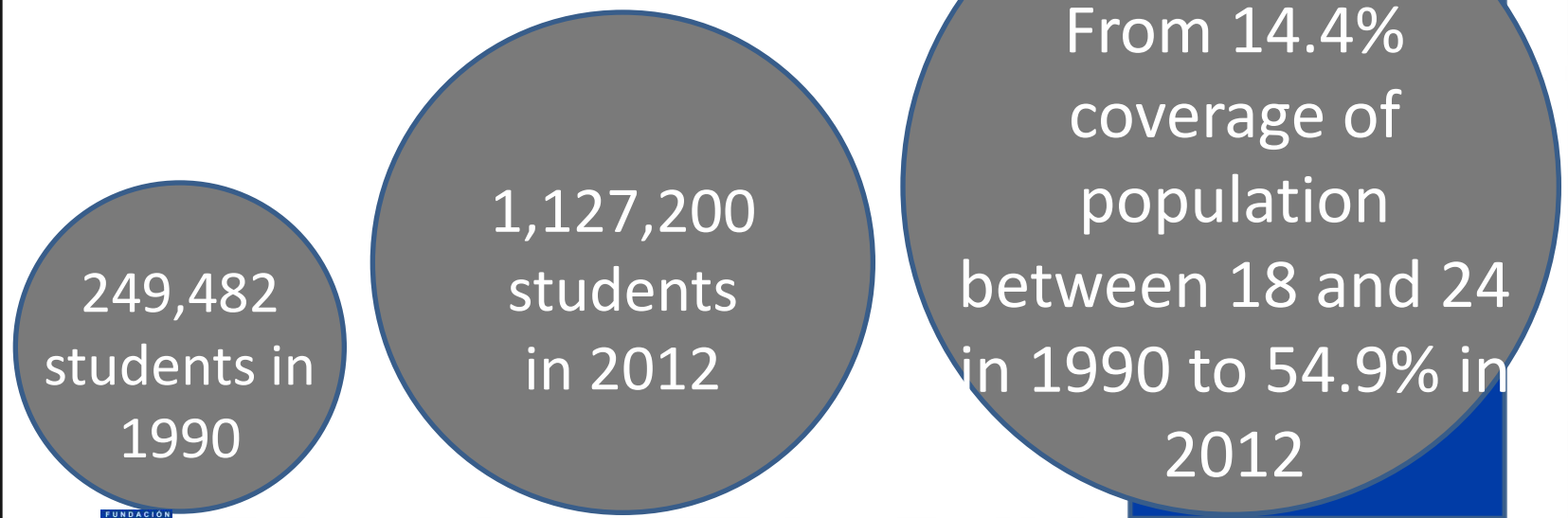
POPULATION



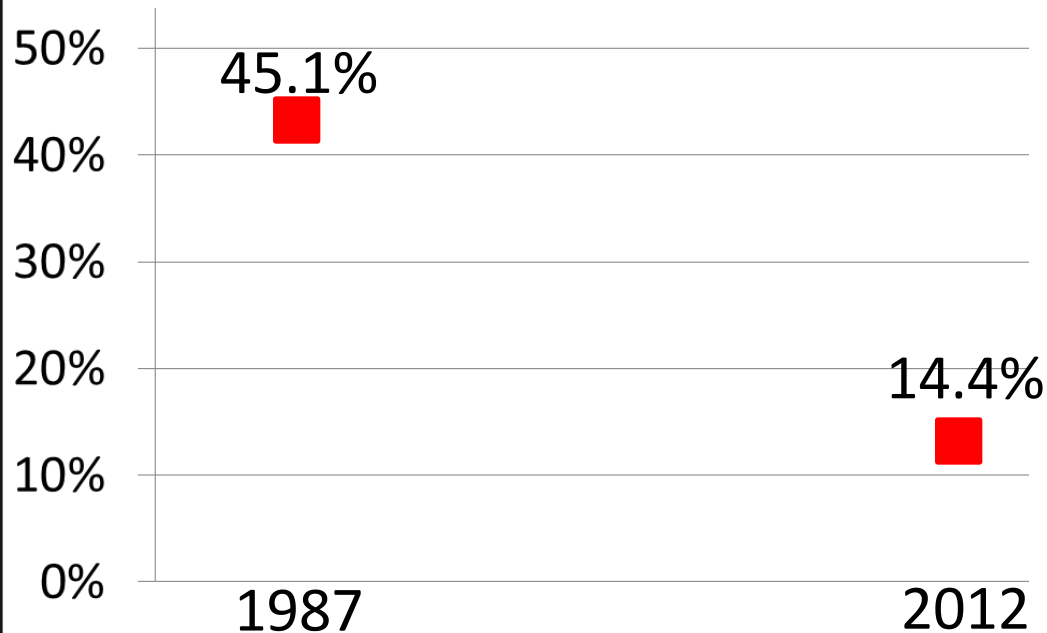
HOUSEHOLDS



# CHILE higher education



# CHILE evolution of poverty index



Poverty line:  
Monthly per capita  
income US\$140 in  
urban areas / US\$95  
in rural areas.

---

Indigence level:  
Monthly per capita  
income US\$70 in  
urban areas / US\$56  
in rural areas.

# CHILE political - administrative division

  
15 REGIONES



  
345 COMUNAS



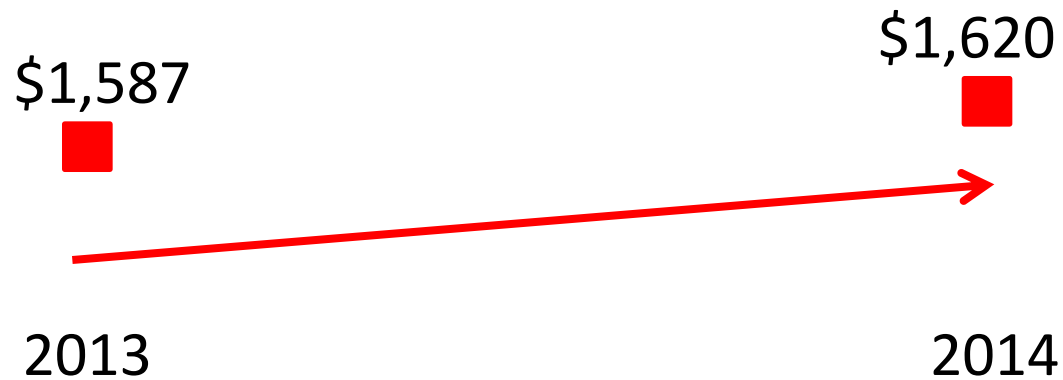
15

GOBIERNOS REGIONALES  
(GORE)



344 MUNICIPIOS

# GORE BUDGET 2014



VARIATION

2.1%

Amounts in US\$ millions 2014

# SUCCESS FACTORS of Chile

STABLE

TRANSPARENT

COMPETITIVE

EXCELLENT  
BUSINESS  
OPPORTUNITIES



US **\$30,323** MILL.

IN DIRECT FOREIGN  
INVESTMENT (2012)

**1<sup>ST</sup>**

SOUTH AMERICAN COUNTRY TO  
JOIN THE OECD (2010)

**No. 11**

ECONOMY WITH LARGEST FOREIGN  
INVESTMENT (2012) FOR SECOND  
CONSECUTIVE YEAR

**Nº 22**

EASINESS TO DO BUSINESS  
FORBES MAGAZINE REPORT (2013)



# CHILEAN ECONOMY

relevant indicators

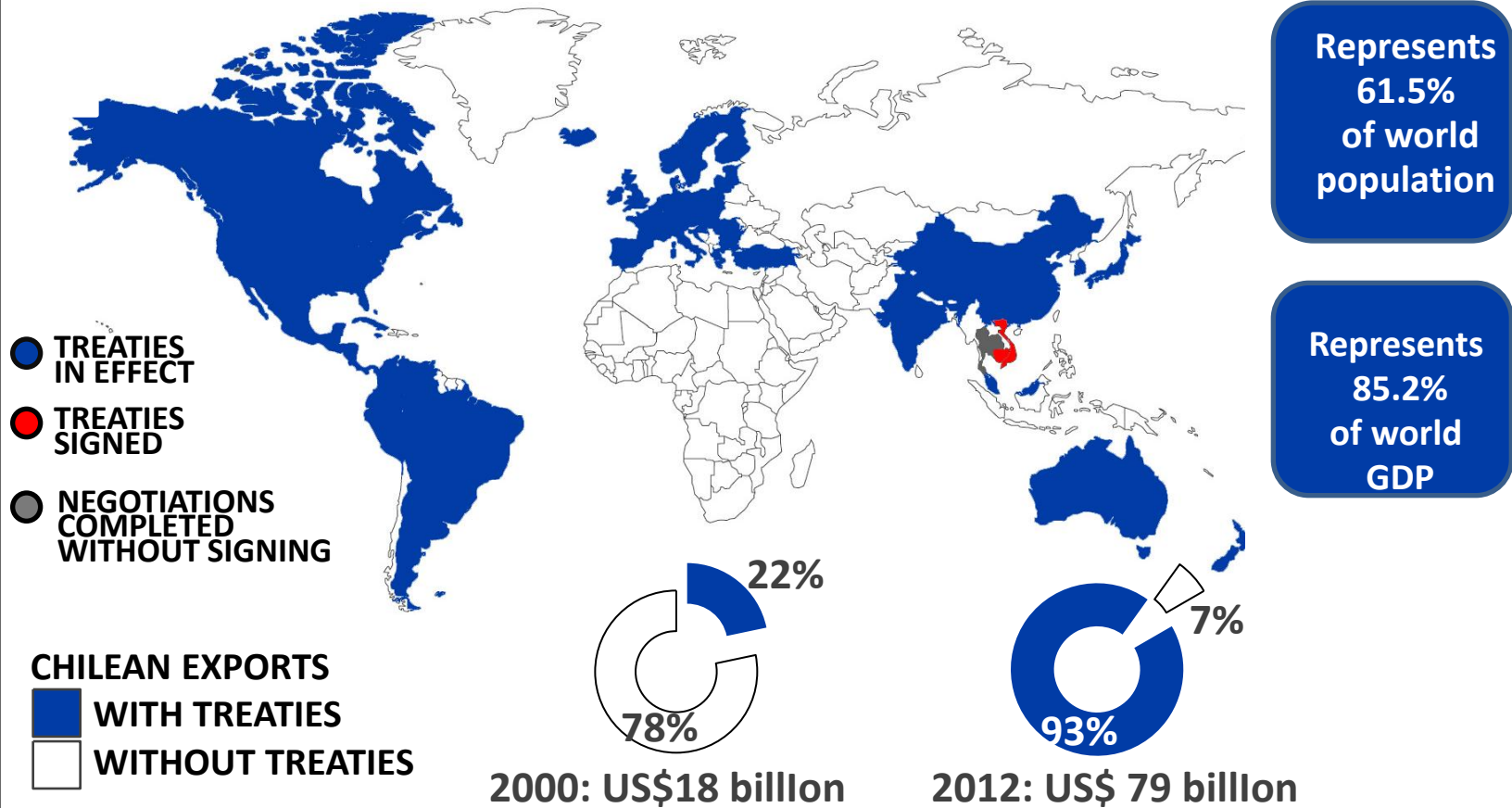
Competitiveness

WEF #34 of 148

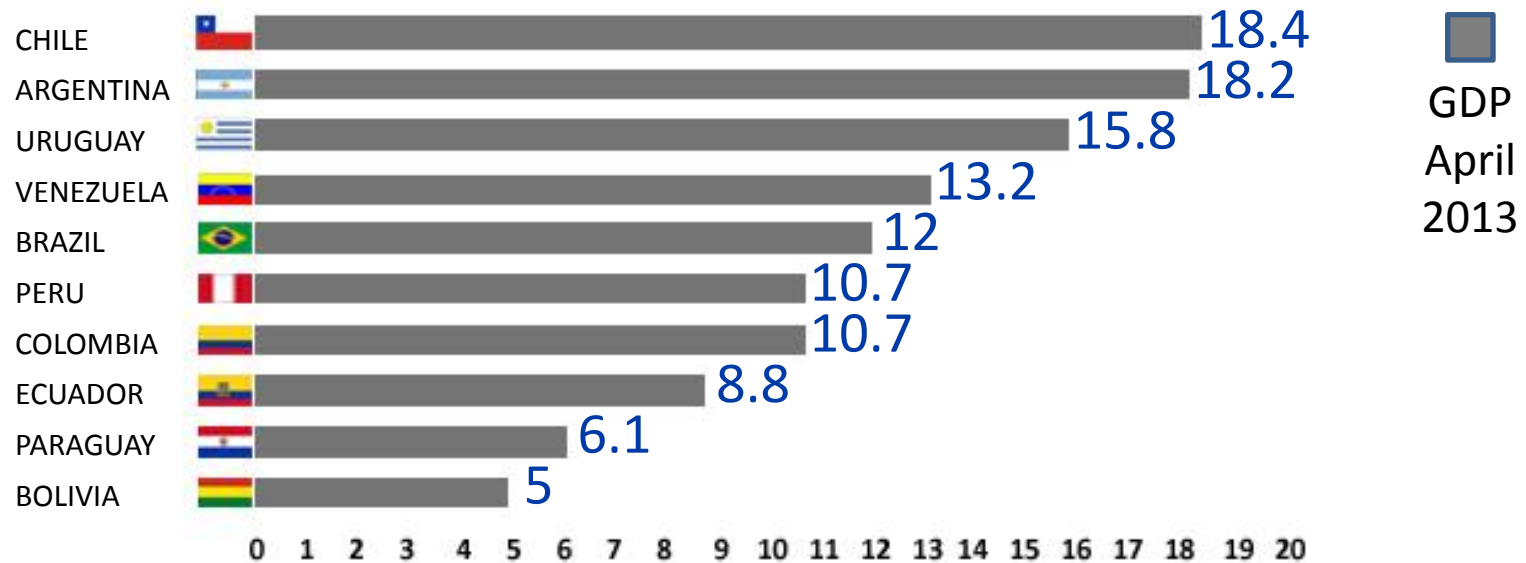
Economic freedom  
CHILE No.7

By Heritage Foundation and  
Wall Street Journal

# CHILE a country open to the world



# ABOUT CHILE per capita income



US\$18,419

# IMPACT OF IT SECTOR

in national GDP



# CHILE

## in digital figures



45%

of population  
with Internet access



60%

of households  
with Internet access



98%

of the population can benefit  
from telecommunications offers



140%

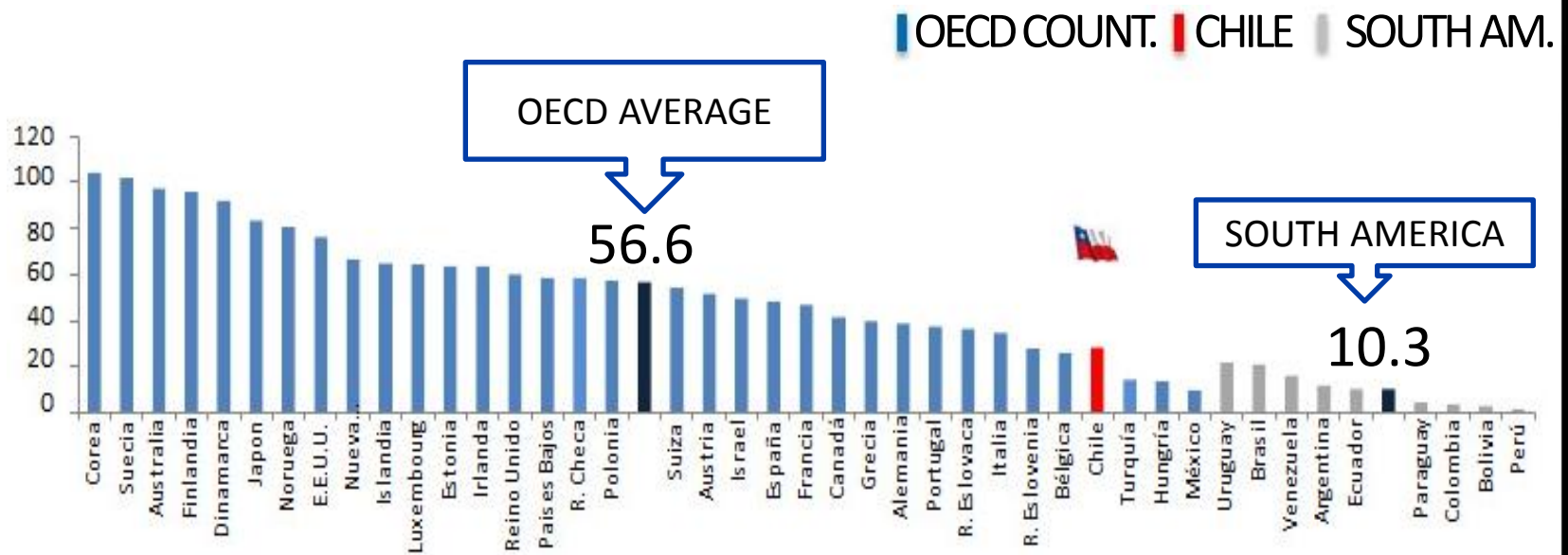
mobile phone  
penetration



670%

increase in mobile Internet  
connections between  
2009 and 2012

# MOBILE INTERNET CONNECTIONS EVERY 100 inhab.



# INNOVATION in Chile

Chile moved from **No. 66** to **No. 82** in innovation capability



Chile has **public programs and efforts** to promote innovation:

ST>RT-UPCHILE

CORFO  
sueña emprende crece

Fraunhofer  
CHILE

Inria  
Chile  
INVENTORS FOR THE DIGITAL WORLD

CREO  
Antofagasta

El plan de desarrollo integral de la ciudad.

FUNDACION  
país  
digital

10:10 4G

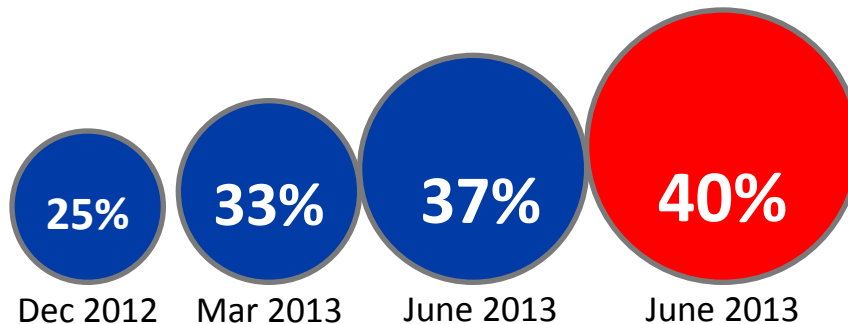
# WHAT ARE WE DOING **in** **Chile?**





# SOME INITIATIVES

## Smart Cities



During 2013, **more than 12 million calls were serviced**

# SOME INITIATIVES

## Smart Cities

**Transporte Informa** from the Ministry of Transport and Telecommunications (MTT)



**Estrategia Digital de Salud** 2011-2020 (Telemedicine in hospitals)

Proposal to **create Science and Technology  
Viceminister Office**

# SMART CITIES AREA

## Fundación País Digital



Smart Cities Area creation (2012)

The Foundation is supported by associates:



Microsoft

# SMART CITIES AREA

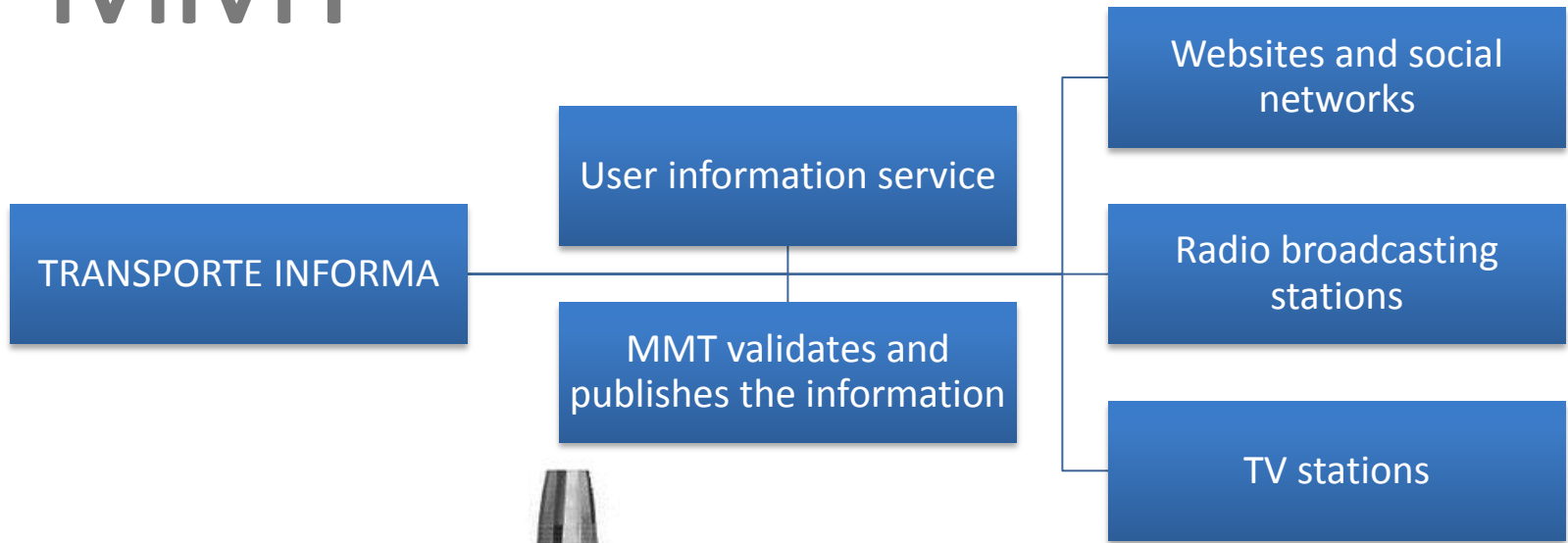
## Fundación País Digital

Conducted and developed the **first Smart Cities Summit** in Chile (2013)



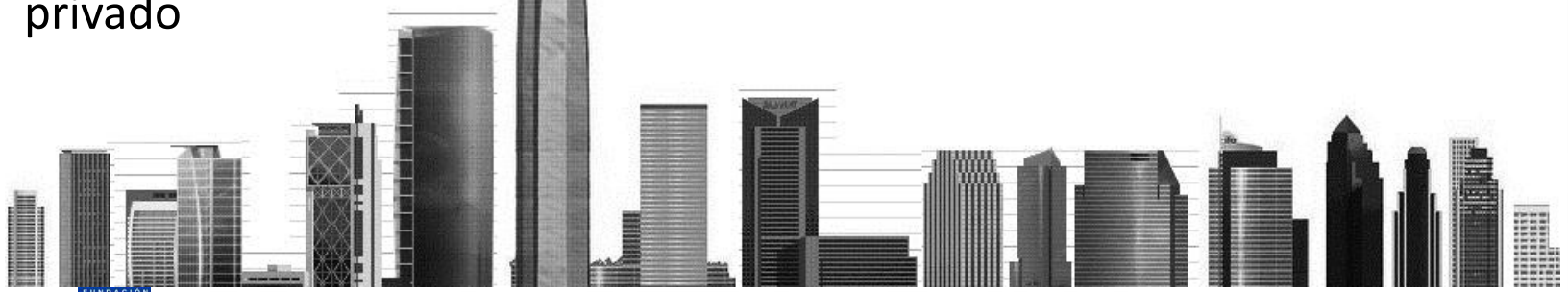
Smart Cities **Task force** begins (technical and institutional) in 2013

# MMT



Proyecto colaborativo  
privado

en base a redes de colaboración público

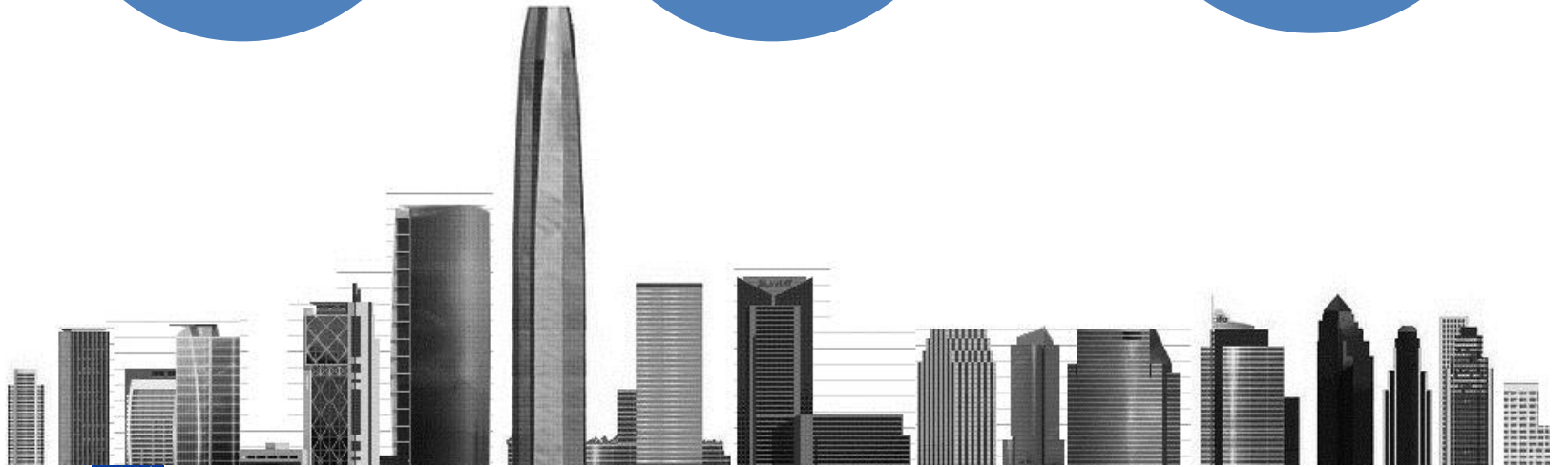


# MTT

TRAFFIC  
CONTROL  
CENTERS

Operating  
units at the  
main regions  
in the country

8 in operation  
+ 2 public  
transport  
control  
centers



# MMT

## BLUETOOTH

Identify traffic conditions

- Sensors at strategic points on routes.
- Receive signals from mobile telephones, GPS and music players.

Improve user information system

- Calculate vehicle transit times.
- The information is forwarded to the UOCT.

Suggest new routes

- Learn travel times for different routes.
- The information is given in messaging panels located on the route and/or social networks.

# MODERNIZATION

## of the State

### iFarmacias

App facilitating the search for on duty pharmacies in Chile

### iBencina

App facilitating the search of prices and locations of gas stations in Chile

### iTransantiago

App facilitating the search for alternative travel routes in the Santiago public transport system, see the nearest stops, buses, waiting times.

Actualmente trabajan en el sitio [apps.gob.cl](http://apps.gob.cl)



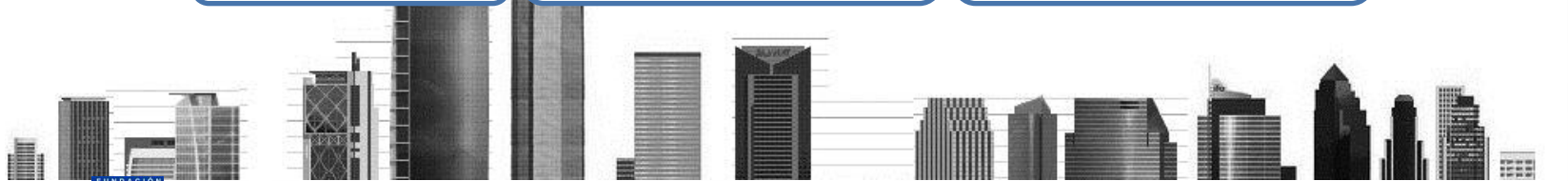
# SMART CITY PROJECT

## Great Concepción

World Bank, País Digital and Ministry of Transportation

Innovation through ICTs to improve the provision of services

Promote sustainable ecosystems and innovations for smart cities development



# SMART CITY PROJECT

## Greater Concepción

Development of  
technological  
solutions  
implementation  
plans

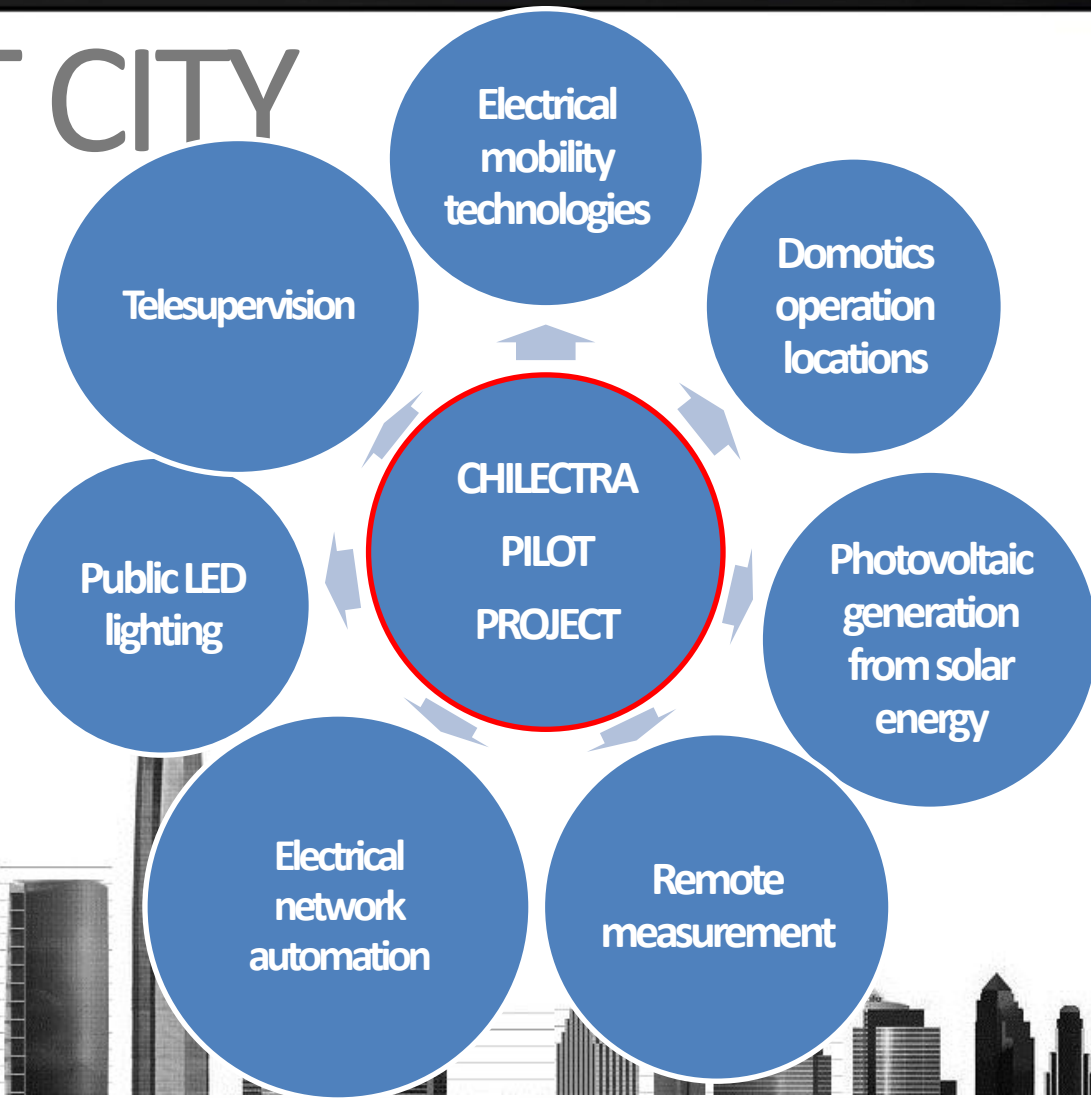
Hackathon and  
app-challenge  
and co-creation  
of solutions

Technological  
infrastructure  
plan to support  
solutions

Diagnosis and  
development of  
a plan for a  
Smart  
City innovation  
center in Greater  
Concepción

# SMART CITY

Santiago



# CITIES emergent and sustainable

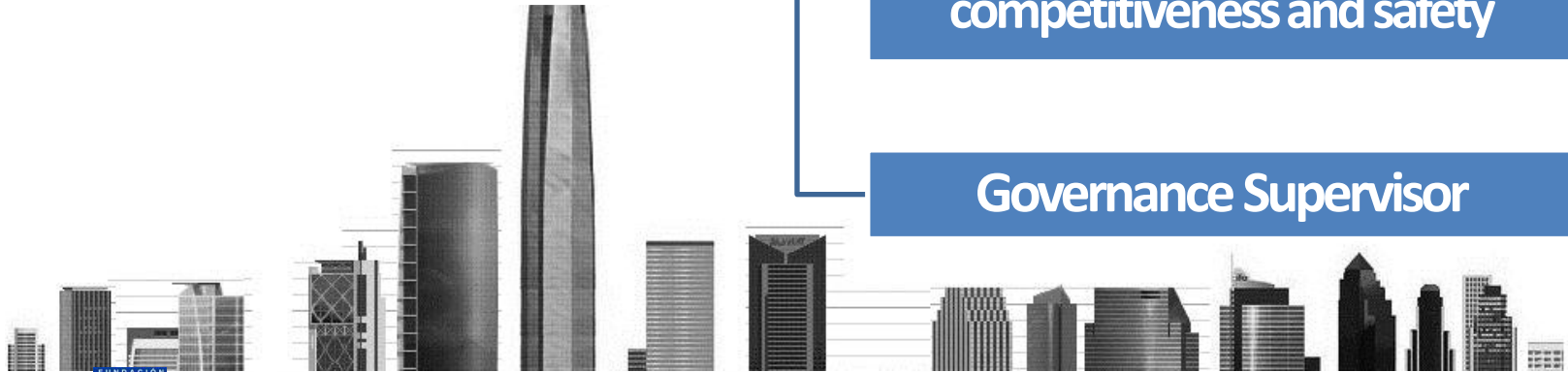
## Valdivia and IDB

EVALUATION THROUGH  
INDICATORS

Environment and climate change

Urban, including comprehensive urban development, mobility and transportation, economic and social development, competitiveness and safety

Governance Supervisor



# CREO Antofagasta

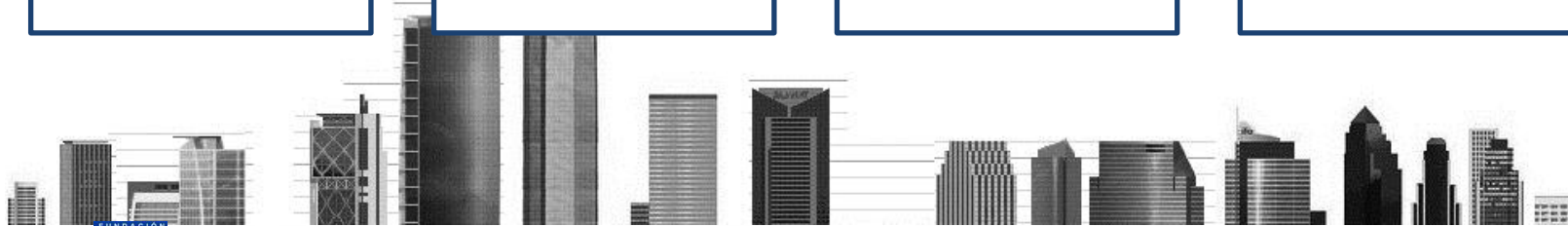
Tool to imagine, build, evaluate and improve the city in a comprehensive, integrated and continuous process.

Public sector actors

Economy and production world

Universities and Foundations

Citizen representatives



# NFC TRIAL led by País Digital

