

GRUPPO  
**CAP**

BrianzAcque

UniAcque  
SERVIZIO IDRICO INTEGRATO

PADANIA  
ACQUE Gruppo

**SAL**  
Società Acqua Lodigiana srl

PAVIA  
ACQUE

GRUPPO LARIO RETI  
energia e acqua

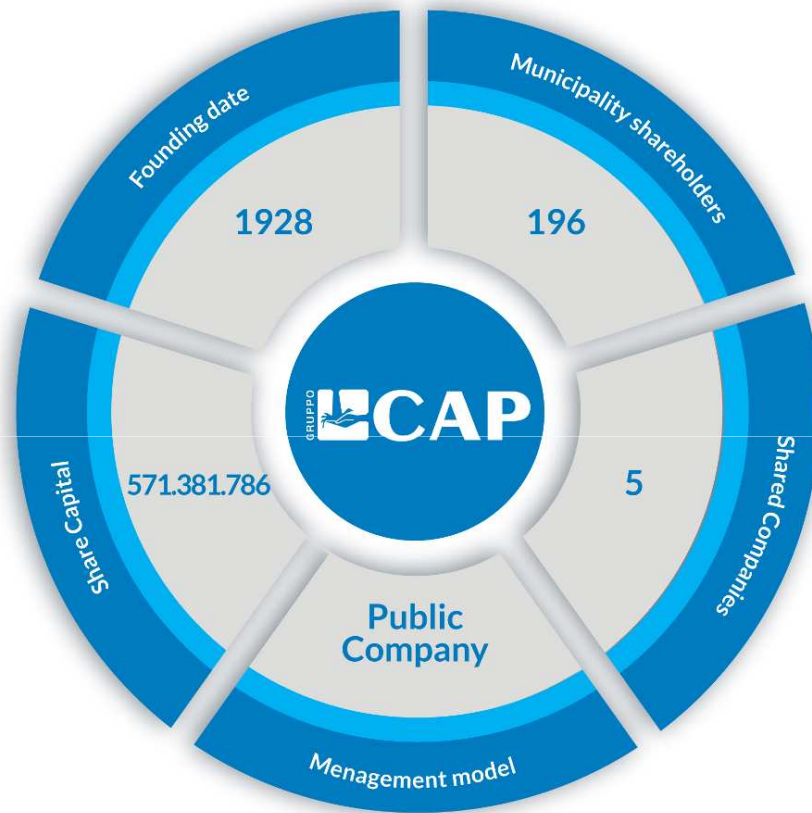
Water  
JPI



*Michele Falcone*  
General Director  
CAP Holding SpA

# Water Alliance, a regional answer to the new water challenges

# Gruppo CAP



**Gruppo CAP** is a public capital company, with local public shareholding, that has been a reference point of efficiency and reliability for over 80 years in the management of Lombardy's Integrated Water System. It operates in the provinces of Milan, Monza - Brianza, Pavia, Como and Varese.

**Gruppo CAP** manages its networks and plants, plans investments and carries out special maintenance, maps underground networks.

# Gruppo CAP in numbers

## Economic Data



### Equity

 **€ 669**  
MILLION

### Production Value

 **€ 283**  
MILLION

### Ebitda

 **€ 120,6**  
MILLION

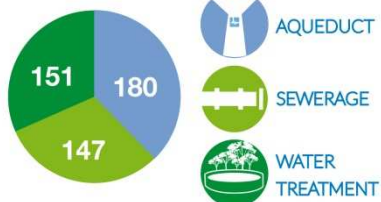
### Ebitda % on Production Value

**42,60%**

## Service



### MUNICIPALITIES



### INHABITANTS



### USERS



KM WATER PIPELINE NETWORK  
**7.414**



KM SEWAGE NETWORK  
**6.057**



N° WELLS  
**871**



TREATMENT PLANTS  
**325**

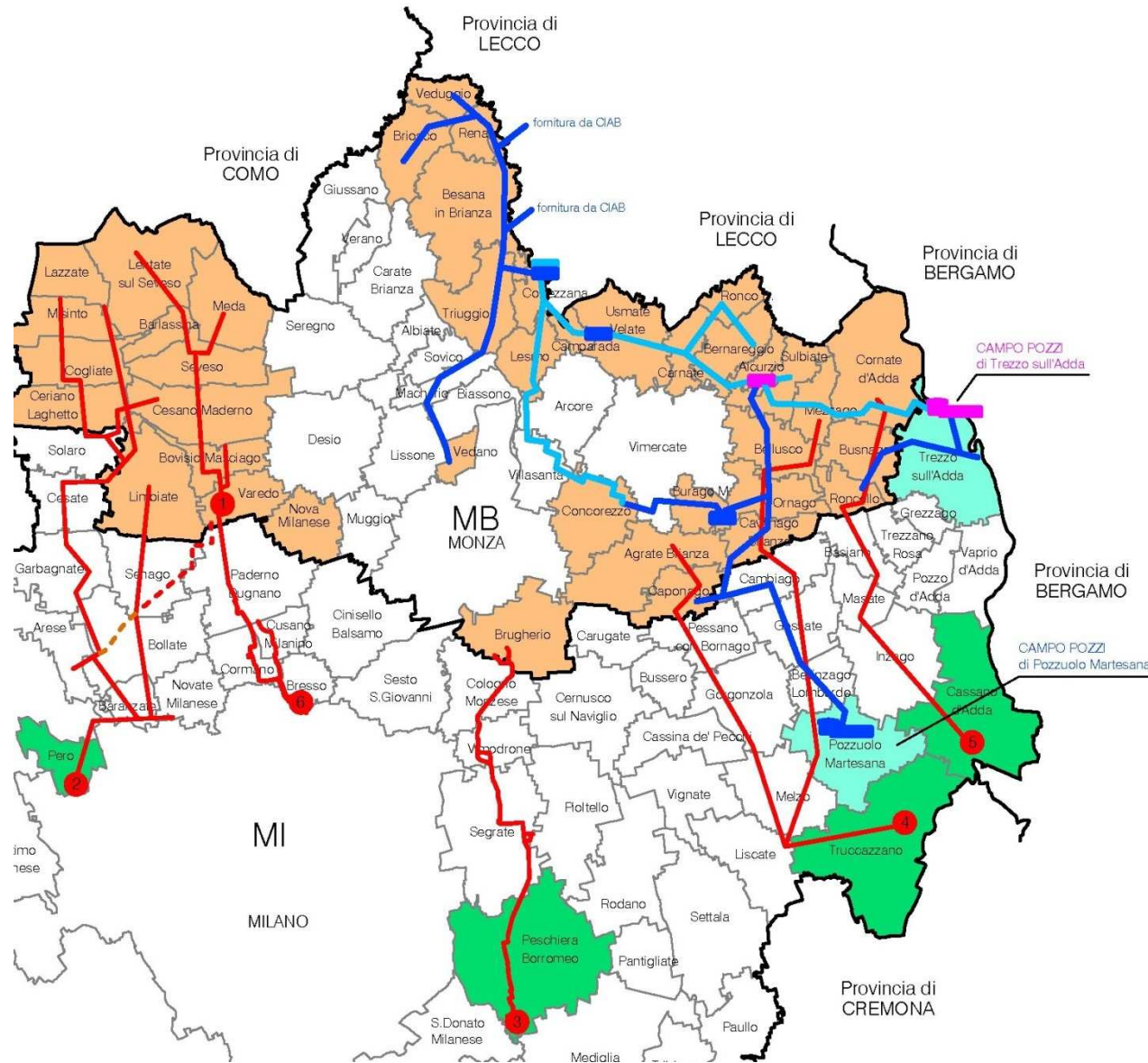


WATER TREATMENT FACILITIES  
**62**



CUBIC METERS WATER PROVIDED  
**250 MILIONI**

# Water has no boundary



Ex:  
interconnections  
aqueduct  
and sewerage  
systems  
Provinces MI / MB

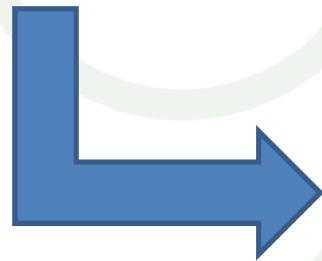


Water pipeline  
served areas in  
**Brianza lecchese and  
Comasco brianteo  
too**

# Back under the public control

**2000 / 2015 → 235 cases of water re-municipalisation**  
37 Countries, impacting 100 millions people

Paris, Berlin,  
Buenos Aires,  
Jakarta



For example:  
**94 France**  
**58 United States**

*(fonte: «Our public water future», marzo 2015)*

# In Italy

**Model «In house providing» → impacting 43,4% Municipalities  
40,3% italian people**

Cluster	Investments 2013 (millions/€)	Invest/Proceeds	Invest/People (€/inhabitant)
Top 50	1.207	21%	28,7
In house	536	24%	29,1
Top 5 in house	392	28%	33,9

*(by «Le public utility dei territori, un valore per l'Italia», Althesys)*



# *In house: a challenge for italian economy*

2013 – «in house» water  
companies  
Invested 1,7 B/€



8.200 employers  
6.200 in induced activity

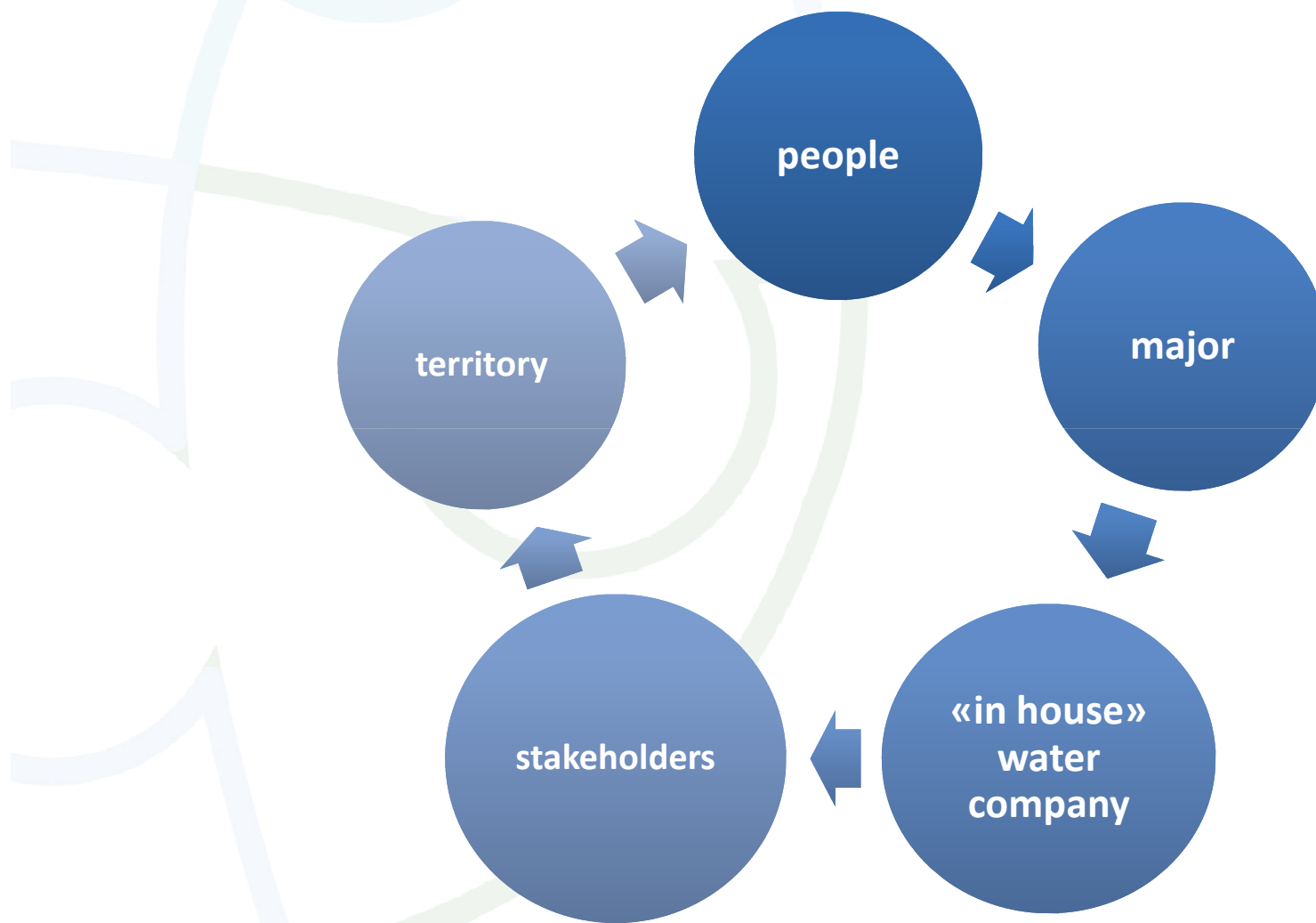


Still far from **50 €/inhabitant/year** we should invest  
→ Europe = **80 €/inhabitant/year**

## **Italian situation:**

- 3 people on 10 with no sewerage / water treatment
- 20 billions: investments requirement

# «In house» model & local communities





# A winning solution for Lombardy region

One of the best  
water (quality)



One of the lowest  
prices



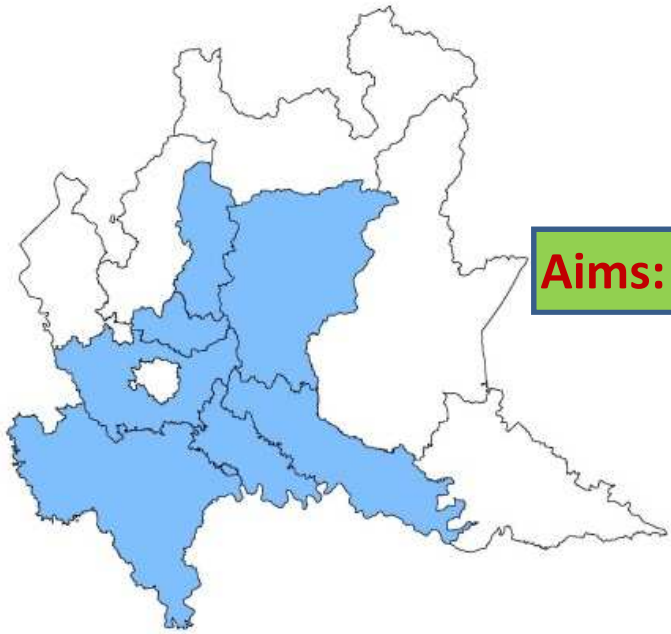
Third Region in Italy  
for infraction in water treatment

**«in house» water companies can be the  
solution for winning water challenges**

Lombardy Region goes on 2 levels:

- **Efficient companies which work at a province scale**
- **Breaking up into small companies**

# WATER ALLIANCE, our aims



**Aims:**

- Build synergies in response to new water challenges
- Work together on R&D and risk assessment
- Bring out our best practices: for ex.
  - smart metering
  - site monitoring
  - certification ISO 22000 (water quality)



**More efficiency,  
less waste**

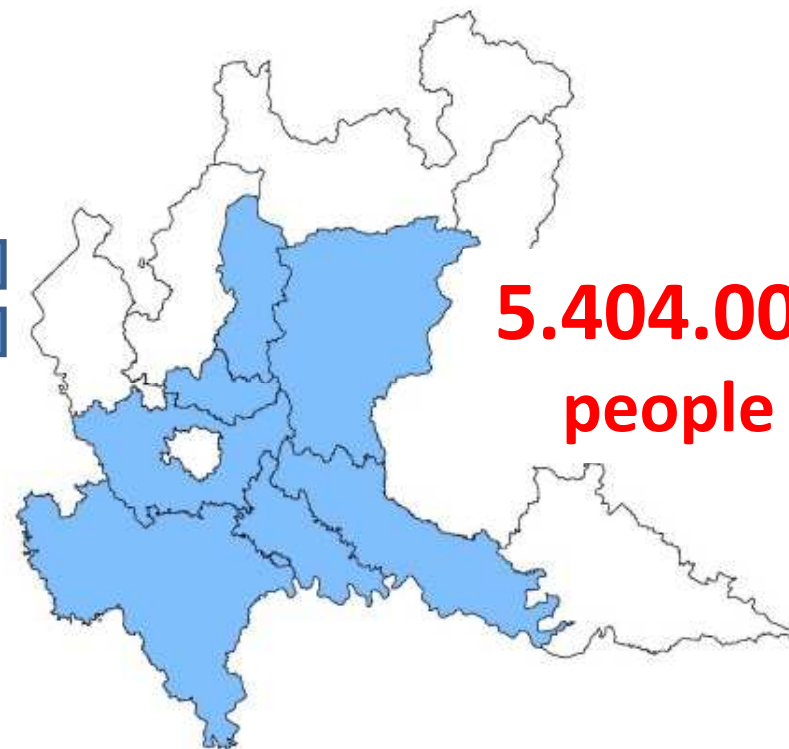


**Water Alliance**  
Acqua di Lombardia

# People

Gruppo CAP	2.168.087
Brianzacque	988.465
Uniacque	812.084
Padania Acque Gruppo	330.000
SAL	230.000
Pavia Acque	535.556
Gruppo Lario Reti	340.000

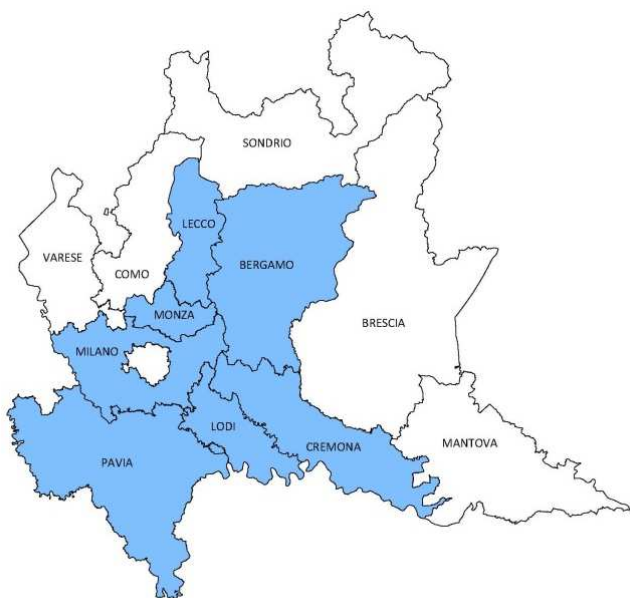
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**5.404.000**  
**people**

# Water Alliance: aggregate data

*Together,  
first «in house»  
company in Italy*



Municipalities	898
People	5,4 million
Water supply	506 million cm/y
Income 2013	633 million €
Investment	800 million €
Km water pipeline network	24.727
Km sewage network	19.807
Wells	2.733
Water treatment facilities	508

54% of  
Lombardy

in 5 years

# Some topics

**Access to credit**

**EU funds**

**Shared services**

**Training**

**R&D**

**Energy supply**



**Water Alliance**  
Acqua di Lombardia

# Next steps

Our process aims to be

- 🌱 **Open**
- 🌱 **Innovative** → benchmark
- 🌱 **Participated** → stakeholders engagement



**End of the year:**  
Contractual joint venture



**September the 8th:** seminar on stakeholder engagement (in Expo) with OECD



**June 19th :** seminar on water quality and water-food nexus



You all are welcome!



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# Thanks for attention

Con il Patrocinio di  
**CONSERVIZI CISPEL Lombardia**  


associazione nazionale comuni italiani  
**Comuni  
Lombardia**

Con il Patrocinio di  
**EXPO**  
MILANO 2015  
NUTRIRE IL PIANETA.  
ENERGIA PER LA VITA