

GRUPPO **CAP**

BrianzAcque

UniAcque
SERVIZIO IDRICO INTEGRATO

PADANIA
ACQUE Gruppo

SAL
Società Acqua Lodigiana srl

PAVIA
ACQUE

GRUPPO LARIO RETI
energia e acqua

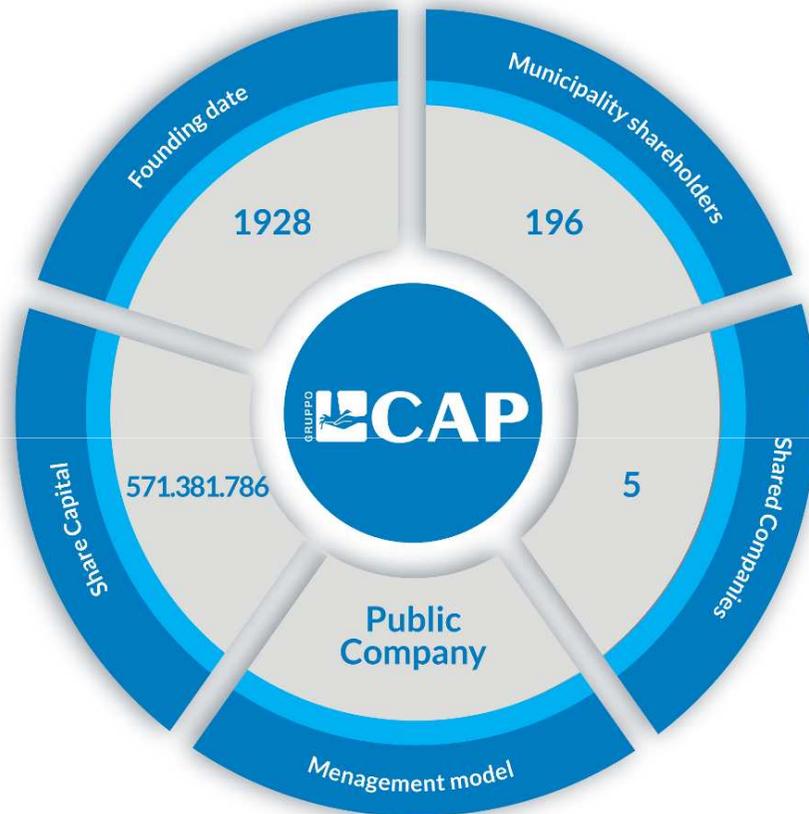
Water
JPI



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.

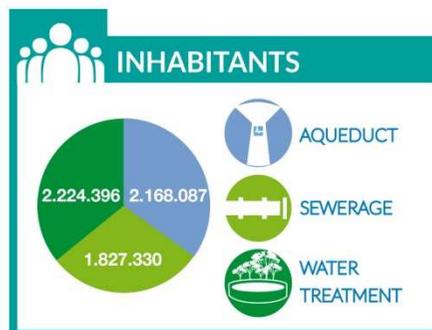
Gruppo CAP manages its networks and plants, plans investments and carries out special maintenance, maps underground networks.

Gruppo CAP in numbers

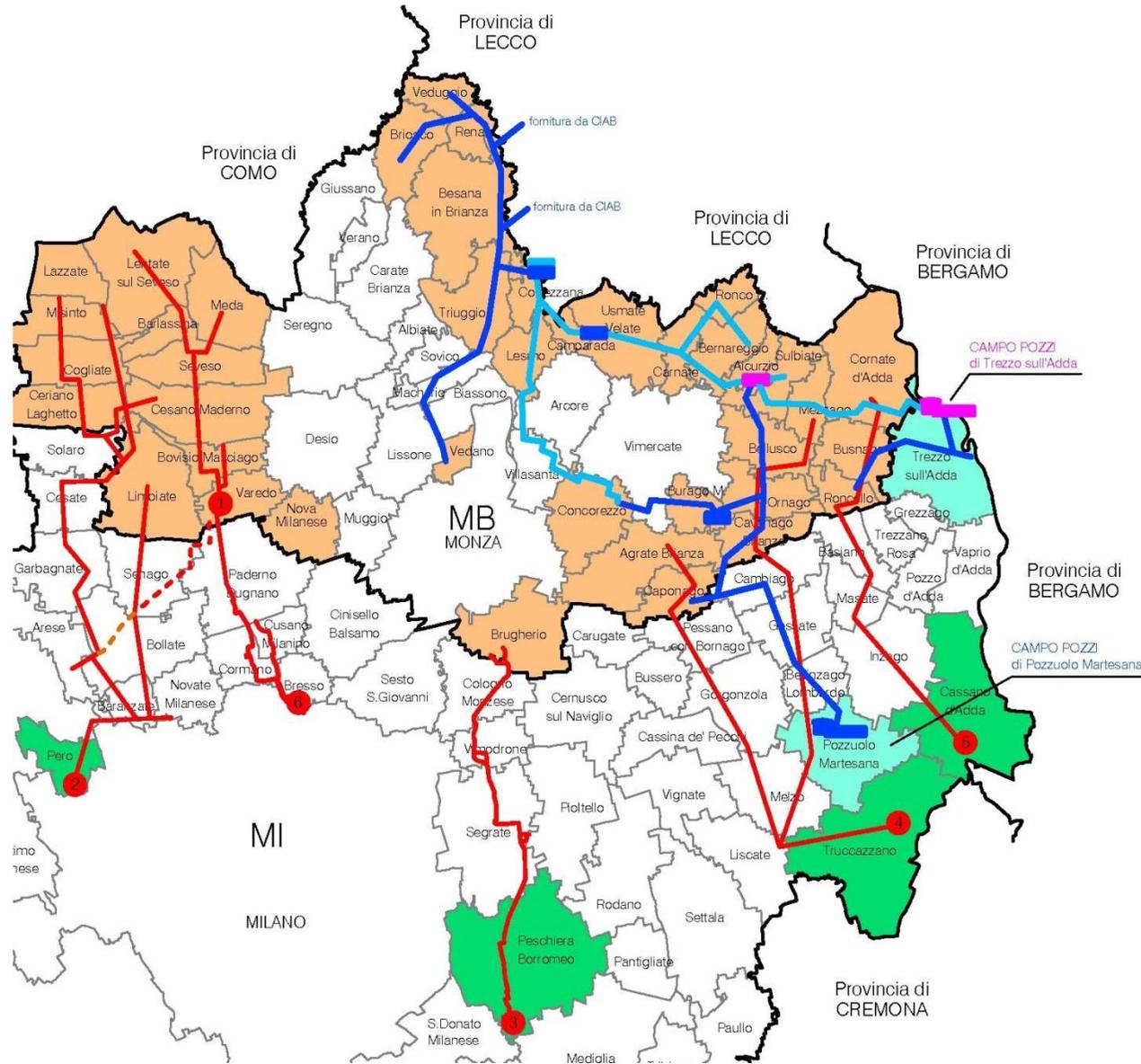
Economic Data



Service



Water has no boundary



Ex:
interconnections
aqueduct
and sewerage
systems
Provinces MI / MB

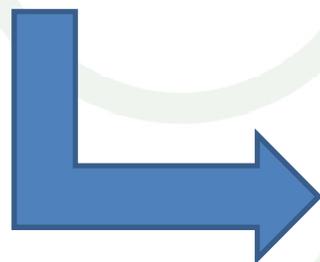


Water pipeline
served areas in
Brianza lecchese and
Comasco brianteo
too

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

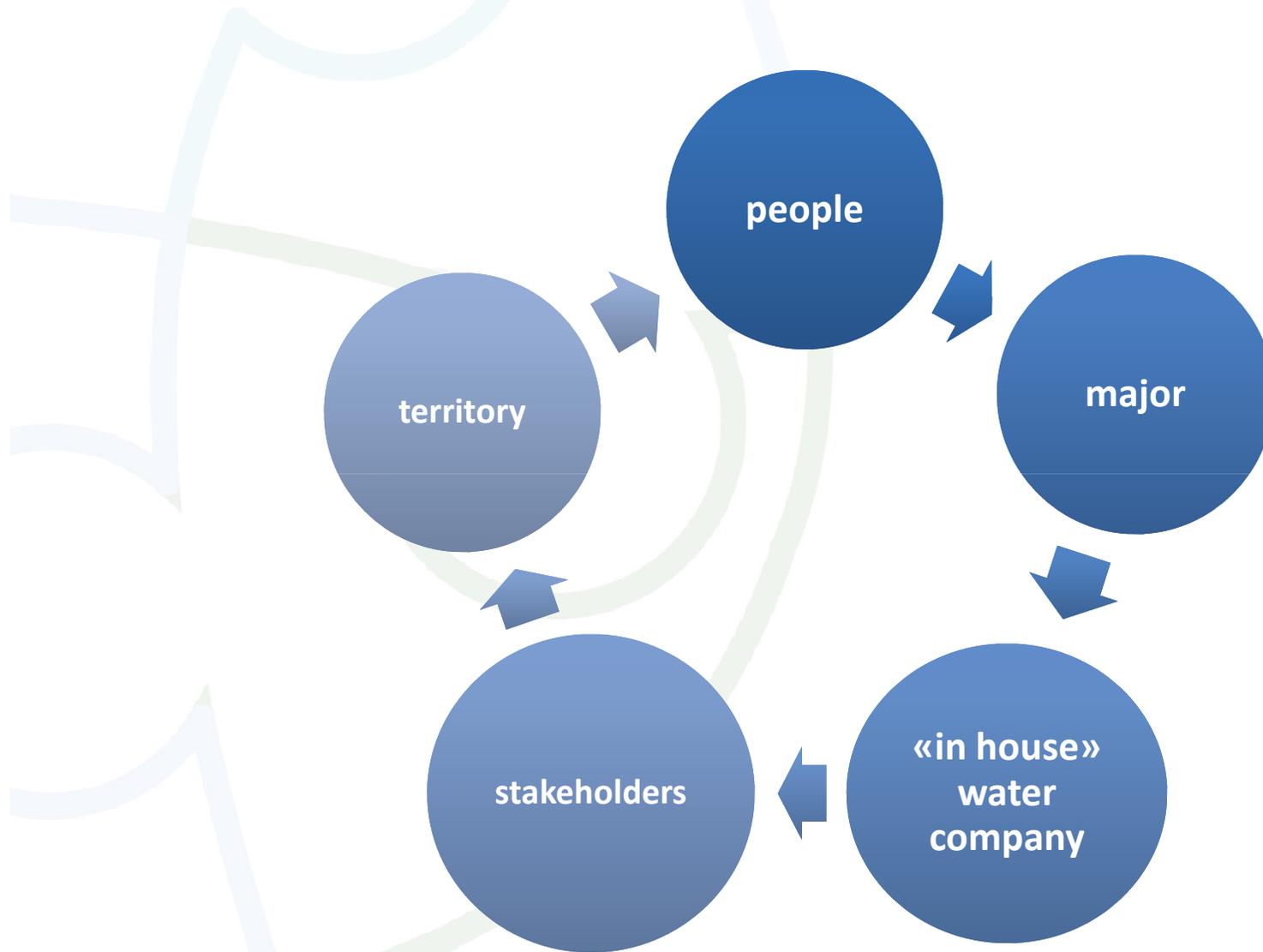


Still far from **50 €/inhabitant/year** we should invest
→ Europe = **80 €/inhabitant/year**

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



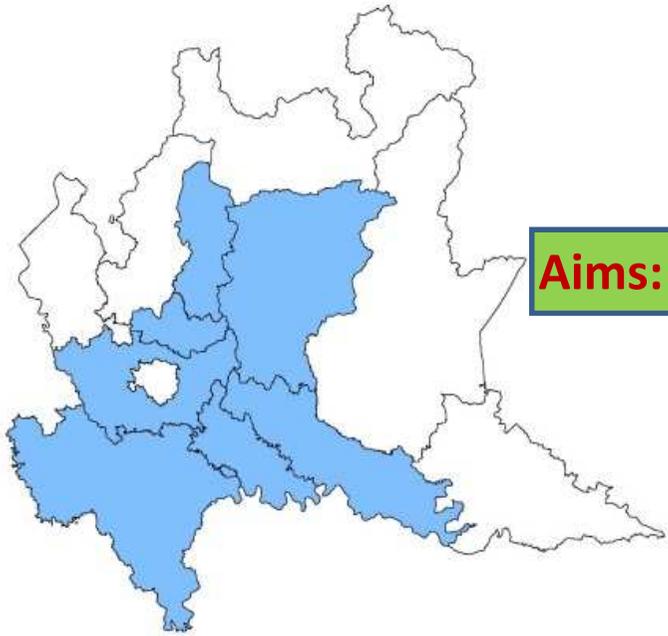
Third Region in Italy
for infraction in water treatment

**«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)



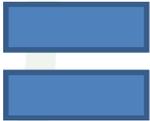
**More efficiency,
less waste**



Water Alliance
Acqua di Lombardia

People

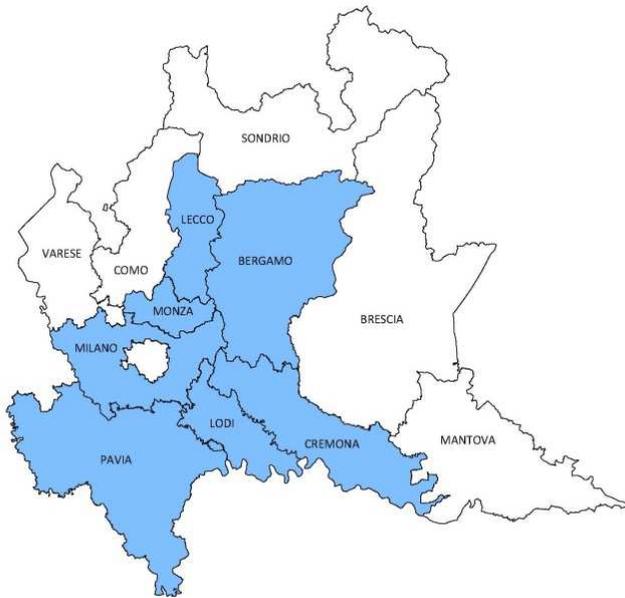
Gruppo CAP	2.168.087
Brianzacque	988.465
Uniacque	812.084
Padania Acque Gruppo	330.000
SAL	230.000
Pavia Acque	535.556
Gruppo Lario Reti	340.000



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



Next steps

Our process aims to be

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



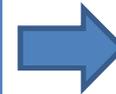
End of the year:
Contractual joint venture



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!



Water Alliance
Acqua di Lombardia

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Thanks for attention

Con il Patrocinio di
CONFERSERVIZI CISPEL Lombardia

associazione nazionale comuni italiani
inanci
LOMBARDIA

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