Shayp
Tackling water loss

Report: water consumption and water loss in Europe (2019)

Water scarcity across the world

All over the world, the question of access to water is becoming critical. Water pollution and climate change are both the main issues that are affecting access to clean water. What is most surprising is the fact that this does not only affect sub saharan countries, but European countries such as **Belgium**, **Greece** and **Spain** are also mentioned on the list of countries with high water stress.

FIGURE 3 Average water and sewage treatment cost increases compared with cost increases for all items in consumer price index—1984 to 2008

Increasing pressure on price of water

The blue resource is not only becoming rarer, but cleaning and distributing is a challenge. It's expensive for water companies to cover its entire cost which is why prices are rising year on year. During the last ten years, price of water has doubled and even tripled in some regions of Europe

Price of water x3 in 10 years

NOTE: Projections are based on a business-as-usual scenario using SSP2 and RCP8.5.

WORLD RESOURCES INSTITUTE

National Water Stress Rankings

EXTREMELY HIGH BASELINE WATER STRESS

1. Qatar
2. Israel
3. Lebanon
4. Iran
5. Jordan
6. Libya
7. Kuwait
8. Saudi Arabia
9. Eritrea
10. United Arab Emirates
11. San Marino
12. Bahrain
13. India
14. Pakistan
15. Turkmenistan
16. Oman
17. Botswana

HIGH BASELINE WATER STRESS

18. Chile
19. Cyprus
20. Yemen
21. Andorra
22. Morocco
23. Belgium
24. Mexico
25. Uzbekistan
26. Greece
27. Afghanistan
28. Spain
29. Algeria
30. Tunisia
31. Syria
32. Turkey
33. Albania
34. Armenia
35. Burkina Faso
36. Djibouti
37. Namibia
38. Kyrgyzstan
39. Niger
40. Nepal
41. Portugal
42. Iraq
43. Egypt
44. Italy

Pressure of water loss in modern cities

European cities have a hard time modernizing their infrastructure and buildings. Over 90% of Europes real-estate was built before 1970. Old pipes need replacement but its extremely costly and not a priority for many homeowners. While fire and building security standards have significantly improved over the last decades, this hasn't been the case for water so far. On average 17% of households are experiencing expensive water bills because of leaks and uncontrolled usage. With increased price of water, bills are slowly catching up on electricity and gas.

Water damage, the most common property claim

While water leaks are more and more expensive and generally go noticed for a long time, they're also a major cause in property damage. Small leaks hidden in walls or in the floor due to faulty plumbing can unnoticed for a long time, and are only found when its already too late. 50% of households experience water damage at least once.

Water lost in cities

20%

Lost in infrastructure networks

15%

Lost in buildings

Cost of a leak over 1 year

3,28 €/m3

Drop by drop	Small flow	Open tap	Leaky toilet
4 L/h	**16 L/h**	**63 L/h**	**25 L/h**
115 €	460 €	1 830 €	730 €

With Shayp we can save water together

Are you aware of your water consumption? Do you really know if what you're paying corresponds to what you really use? Are you suspecting a leak? Have you ever wondered about what uses the most water in your home? Do you want to reduce your footprint?

Join the Shayp community and discover how to **become a Shayper**! Let's save water for future generations

Shayp

Save water, save the future

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