



## EurEau - Who we are

EurEau is the **European federation of water services** 

We represent 38 national associations of drinking water and wastewater services in 33 European countries

We represent both public and private sectors









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August 25 2024 14:00:01



### Severe floods leave one dead, one missing in central provinces

#### NEVŞEHİR



Teams carried out search operations for a missing person on Aug. 25 after torrential downpours in the Central Anatolian provinces led to widespread flooding, resulting in one

Sudden and relentless rainfall wreaked havoc in the central province of Kırşehir, killing a 52-year-old shepherd. His body was found near the province about 4 kilometers from the place where he went missing, according to media reports.

In another flood-hit in Kayseri, one person was reported missing, as numerous houses were submerged in floodwaters as a result of the severe flood.

As rescue teams helped people stuck in their homes after landslides in the region, the teams

#### Floods and landslides leave 18 dead in Bosnia

6 October 2024

Paul Kirby Guy Delauney



#### ВВС

Sport Business Innovation Culture Arts Travel Earth Video Live

#### Climate change supercharged Europe floods - scientists

Mark Poynting and Greg Brosnan



Central Europe's devastating floods were made much worse by climate change and offer a stark glimpse of the future for the world's fastest-warming continent, scientists



La guerra in Ucraina La guerra Israele-Hamas Cop29: a Baku la partita de

Redazioni Tgi



Meteo estremo in Sicilia

#### Case allagate e torrenti esondati nel Catanese, le immagini del disastro a Giarre e Acireale

Decine di interventi dei Vigili del Fuoco per soccorrere le persone intrappolate dall'alluvione

🛱 13/11/2024 Vigili del fuoco

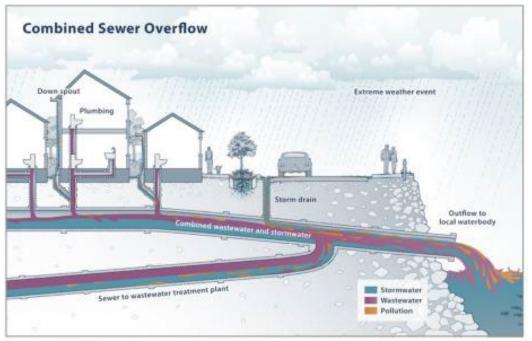


ono decine gli interventi dei Vigili del Fuoco che, mercoledì mattina, hanno risposto all'emergenza in tutto il territorio della provincia di Catania e sono scesi in strada per aiutare le vittime dell'alluvione innescata dalle forti piogge.

Nella frazione di Altarello, a Riposto, un fiume ha rotto gli argini e ha invaso una casa dove vivevano quattro persone, tra cui 2 con disabilità bloccate ai piani bassi della loro abitazione allagata. Sul posto è intervenuto un mezzo anfibio.

Nella vicina Giarre, i pompieri hanno aiutato gli automobilisti bloccati sull'autostrada A18 allagata da un'alluvione lampo.





























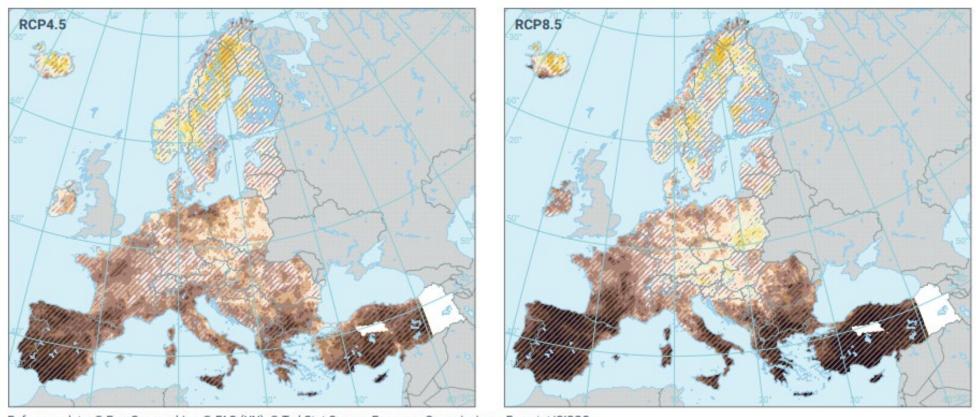
Source: H+N+S



**After** 

Map 4.3 Projected change in meteorological drought frequency between the periods 1981-2010 and 2041-2070 under two climate change scenarios





Reference data: @ EuroGeographics, @ FAO (UN), @ TurkStat Source: European Commission - Eurostat/GISCO



Source: EEA 2024



# How can we respond?

#### Additional resources

While respecting environmental limits

#### Unconventional water resources

Where appropriate:

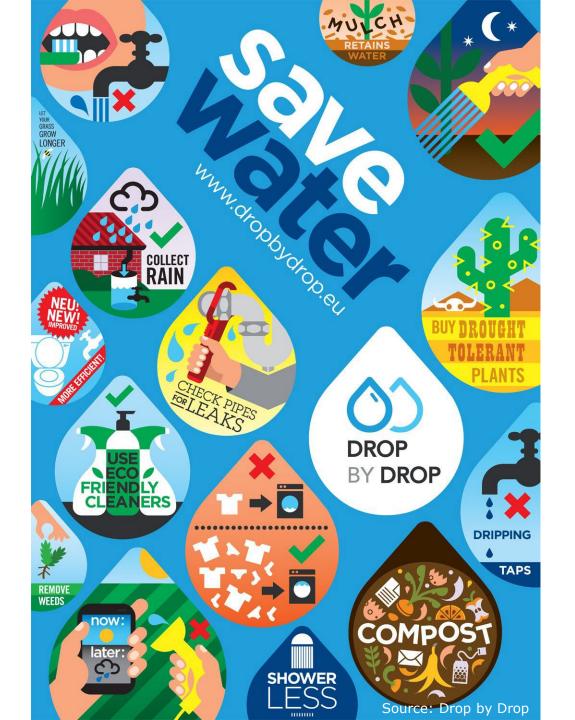
Desalination

Water reuse

#### Demand reduction

Reducing leakage Informing consumers









#### Comment éviter le gaspillage?

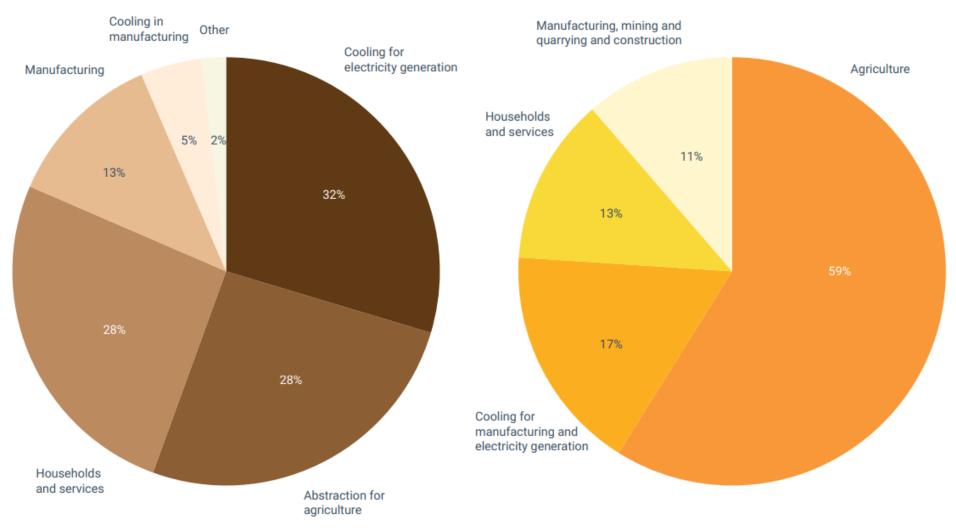


- Premier ennemi: les fuites. Elles peuvent représenter quelque 20 % de notre
  consommation totale. Comment repérer une fuite? Vérifiez que votre compteur d'eau
  n'évolue pas la nuit ou durant votre absence. Si le compteur n'indique pas le même
  chiffre le lendemain matin ou à votre retour (et que vous n'avez fait tourner aucune
  machine), c'est qu'il y a un problème et qu'il vous faut faire la chasse aux robinets qui
  gouttent ou aux fuites...
- Fermez bien les robinets! Un robinet qui goutte, c'est 5 l gaspillés chaque jour. Si le robinet goutte, il suffit souvent de remplacer le joint défectueux. Si le problème ne vient pas du joint, il faut changer le robinet.
- Préférez les douches (consommation: environ 50 I) aux bains (consommation: environ 150 I).
- Ne faites pas tourner une machine à laver le linge ou la vaisselle si elle n'est pas pleine.
- Ne laissez pas couler l'eau pendant que vous vous brossez les dents.
- Utilisez une chasse d'eau 'économique', qui utilise 2 à 3 fois moins d'eau que la chasse traditionnelle.
- Si possible, utilisez de l'eau de pluie pour laver votre voiture et arroser vos jardins.
   Quand arroser? Cela dépend des saisons. En été, il vaut mieux arroser le soir, car pendant la journée, l'eau peut s'évaporer à cause de la chaleur. En automne et au printemps, préférez le matin.

Source: Vivagua

#### Water consumption (2019)

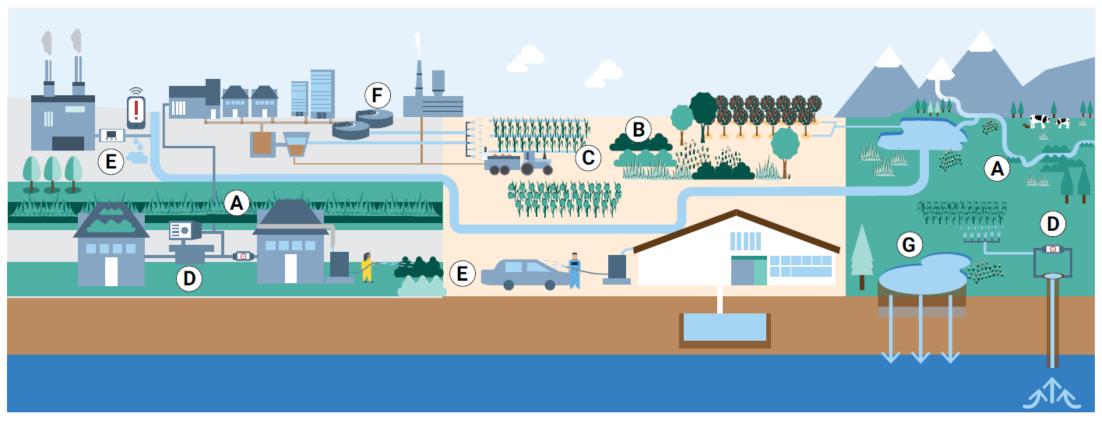




Source: Adapted from EEA, 2022f.

Figure 4.1 Addressing water scarcity, drought and flood pressures in Europe

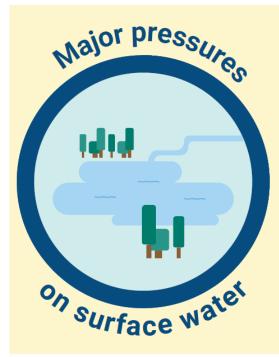


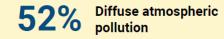


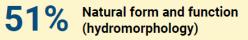
- A Natural water retention measures: green infrastructure, swales, floodplain restoration
- B Sustainable farming: restoring soil carbon which holds water, riparian buffers, woody features
- C Changing crops for less water-intensive species
- **D** Metering, abstraction control and enforcement
- (E) Water saving and demand reduction: leakage control, water use efficiency, economic incentives

- (F) Water re-use, rainwater harvesting, desalination if using sustainable energy and preventing pollution by brine
- **G** Groundwater recharge

Source: EEA.







35% Diffuse pollution (excluding atmospheric)

29% Diffuse agricultural pollution

18% Point source pollution





32% Diffuse agricultural pollution

18% Abstraction



Source: EEA 2024





Obligation to implement quaternary treatment in many urban wastewater treatment plants

Producer
Responsibility:
companies selling
pharma &
cosmetics products
contribute to
funding





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> Projekte & Forschung > Boden-, Wasser- und Artenschutz

PROJEKTE & FORSCHUNG

## Hacke und Striegel – Mechanische Unkrautbekämpfung für den Grundwasserschutz

Das Projekt "Hacke und Striegel" ist seit 2020 eine Erfolgsgeschichte. Dank spezieller Geräte zur mechanischen Unkrautbekämpfung kann der Einsatz von chemischen Pflanzenschutzmitteln reduziert werden.







## Thank you

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