

PISCINE GLOBAL

PRESS RELEASE
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A MOVE TOWARDS MORE ADAPTABLE MANAGEMENT OF PRIVATE AND COMMUNITY SWIMMING POOLS

UNDER THE CURRENT CONDITIONS OF INFLATION AND CLIMATE CHANGE, MANAGEMENT OF PRIVATE AND COMMUNITY SWIMMING POOLS IS FACING UNPRECEDENTED CHALLENGES.

Professionals in the sector are exploring and adopting innovative sustainable practices to manage these leisure areas in an efficient and adaptable way. An overview of the solutions offered by the industry, which will be showcased at the Piscine Global show.

A KEY ISSUE for both private and community swimming pools

A MOVE TOWARDS LOW-ENERGY PRIVATE SWIMMING POOLS

As a space for **socialising and cooling down**, private swimming pools meet the expectations of the French, particularly in very hot weather. Integral to this need is a growing demand **for water, energy, and budget savings**.

Swimming pool and health spa professionals are working together to design **more economical pools**. The efforts include smaller pools that use less water, shelters, and covers to limit evaporation, water use calculators, equipment for rational water and energy management, a water-saving charter, raising customer awareness of good pool water management, etc. The FPP and the industry professionals are working hard to support societal and environmental change.

While private swimming pool water consumption has been reduced by a third in 25 years (Source: FPP2023), the sector continues **to innovate** by offering solutions for more sustainable swimming pools.



THE ENVIRONMENTAL STANDARD NF EN 17645 FOR PRIVATE SWIMMING POOLS IS NOW IN EFFECT

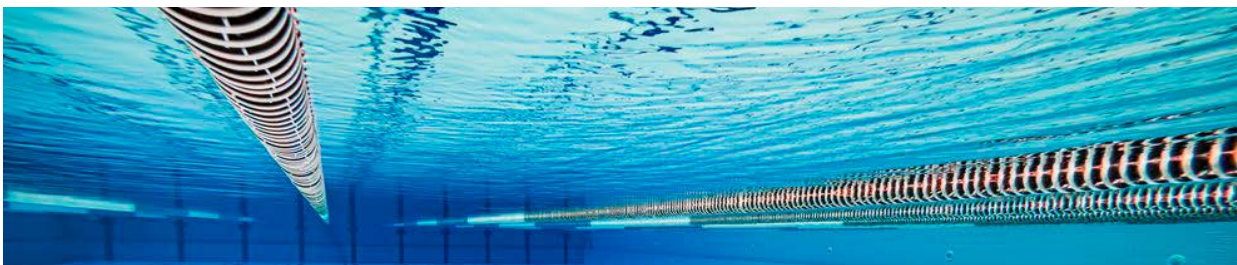
Since January 2023, little by little, the new European standard NF EN 17645 on the environmental impact of swimming pools is becoming routine for manufacturers and distributors. Initiated by the Environment Commission of the FFP, Federation of Pool and Spa Professionals, this responsible, voluntary standard establishes a global environmental classification for the swimming pool sector. The aim is to guide consumers towards more responsible equipment and make the sector's environmental approach more virtuous. Published in August 2022, the standard is being introduced gradually, initially by all professionals on a voluntary basis, starting in January 2023.

COMMUNITY SWIMMING POOLS ARE CHANGING TO REFLECT OUR SOCIETY

Against a backdrop of climate change, rising temperatures and the need to accommodate as many people as possible who want to learn to swim, access to community swimming pools and aquatic centres is a key issue. They are **oases of coolness** to cope with scorching temperatures. They are also ideal for a gentle workout or a moment of relaxation. Designing pools that are more **responsible**, more **accessible**, and more **inclusive** is now an integral part of any pool creation or renovation project.

Rising energy costs have had a major impact on the budgets for community swimming pools, making the situation increasingly difficult. Forced to reduce water temperature, cut back opening hours or close pools for lack of funds, etc., many community swimming pools have had to adopt drastic measures and try to find alternative long-term management solutions.

The energy crisis occurs in the wider context of community swimming pool obsolescence, many of which are public, built in the seventies, and consume much more energy than more recent constructions. Therefore, energy renovation of these facilities is being thoroughly examined



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THERE ARE MANY FACTORS TO CONSIDER FOR the design and management of more responsible swimming pools

ENERGY

For several years now, the swimming pool sector has been supporting ecological transition by developing more efficient, low-energy solutions. Both private and public swimming pools have solutions for effectively reducing their energy bills, especially ones that are based on the latest technologies:

- **more efficient filtration systems** that use home automation and the latest generation of pumps,
- **energy-efficient lighting** with LEDs and solar-powered bollards,
- **water and air heating** (for community pools) with renewable energy sources or heat recovery systems.

WATER

Optimising consumption of this resource, both inside and outside the pool, is essential both to protect the planet and to reduce bills for individuals and local authorities alike. The private swimming pool sector has already succeeded in reducing its consumption by a third in 25 years, and many of the ideas and innovations can also be applied to community swimming pools:

- **Water treatment:** corrective measures taken in real time using home automation to avoid draining due to over-stabilisation or PH imbalance of the water,
- **Covering** the pool to limit evaporation due to wind, humidity or atmospheric pressure,
- **Optimising water renewal,**
- **Filtration adjusted** as closely as possible to needs: fewer cycles with the use of high-performance filtering systems and elimination of the backwash phase,
- **Optimising water consumption outside the swimming pool** (showers, for example) by raising awareness or using timers,
- **Rainwater** and/or waste water recovery,
- Better detection and **management of leaks.**

THE FPP'S **5** TIPS FOR A MORE ECONOMICAL SWIMMING POOL

1.

FILL UP ONCE AND FOR ALL: A SWIMMING POOL IS ONLY FILLED ONCE.

There's no need to empty it, or even renew some of the water.



2.

ADOPT WINTERISING BY MAINTAINING THE WATER LINE.

3.

USE A COVER, SHUTTER OR SHELTER.

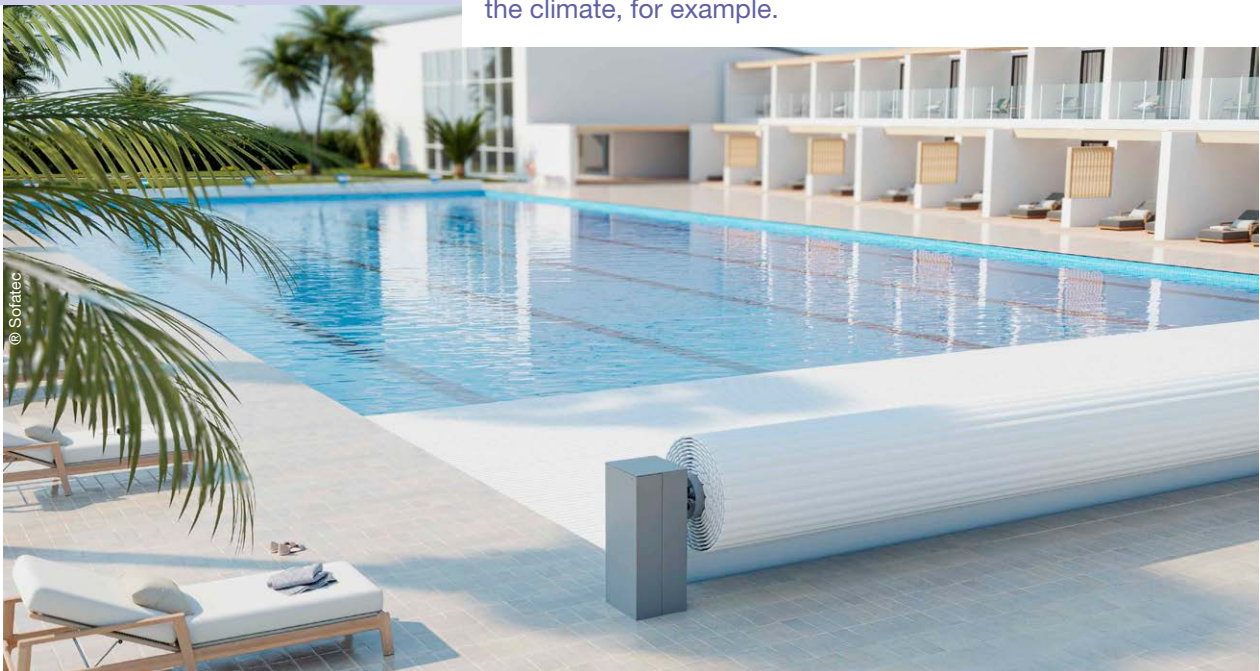
4.

LIMIT FILTER WASHING TO THE STRICT MINIMUM.

5.

MAINTAIN GOOD WATER QUALITY.

For both private and community pools, automation and digitisation tools also facilitate control and management of energy and water consumption in real time, taking account of the climate, for example.



ACCESSIBLE POOLS FOR ALL

A more responsible swimming pool is also one that allows everyone access to water and swimming. This is particularly important for public swimming pools. With an ageing population, the health benefits of swimming and the need for access for people with disabilities, the swimming pool of the 21st century must be more accessible. It must provide circulation routes adapted to these users: facilities, toilets, lighting, signage, parking, etc.

This inclusion must be effective all the way into the pool to enable complete independence: amphibious wheelchairs, jack-up trolleys, gently sloping access ramps, safety accessories, etc.

AT LES BASSINS DE L'AQUEDUC IN MORNANT (69), INCLUSIVENESS STARTS IN THE CAR PARK

At Les Bassins de l'Aqueduc aquatic centre in Mornant in the Rhône department, access for PRMs and people with disabilities has been thought through from A to Z, as **Olivier Convert**, the centre's director, explains:

“**Inclusiveness starts at the car park, with reserved spaces and easily identifiable signage. This approach continues in the lobby where we have installed a reception desk for deaf people so that the ambient hubbub does not prevent them from understanding the hostess, as well as a PRM window with a lower desk. Traffic flows have also been designed to make it easy to get around with barriers instead of turnstiles and roomier changing cabins for people in wheel chairs.**”



PISCINE GLOBAL, the place to go for sustainable solutions in the swimming pool sector

In 2024, Piscine Global will be taking a fresh look at the industry and the challenges it faces. The aim of the show is to chart a path for the industry and its stakeholders, embracing innovation as the driver of transformation to a more sustainable future. With this in mind, the exhibition will examine in detail at the key issues facing the swimming pool / and health spa industry: water management, energy consumption, innovation, etc.

Offering **the widest range of products on the market**, the show will be able to meet the needs of the industry through the innovative solutions proposed by its exhibitors, solutions that respect the environment.

Piscine Global is also positioning itself as a key opportunity to reflect on, understand, and discuss **the future challenges** facing the sector, including sustainable development. Over 4 days, conferences in the **Pool Arena** and areas dedicated to themes will provide the opportunity to ask questions and better understand these issues.

A true **innovation laboratory**, Piscine Global is the place to be to detect, decipher, and adopt trends in the sector. **The Pool Innovation Awards** celebrate innovative and sustainable solutions in the sector.

AN E-BOOK DEDICATED TO ADAPTABLE MANAGEMENT OF COMMUNITY SWIMMING POOLS

Piscine Global has compiled a dossier of about twenty pages on all the changes that community (private and public) swimming pools are implementing to cope with climate change. Energy, water, design, accessibility, recruitment, etc.

A REFERENCE
DOCUMENT IS
AVAILABLE AT THE
FOLLOWING LINK:



ABOUT Piscine Global

Organised by the GreenTech+ division of the GL events group and the Fédération des professionnels de la piscine et du Spa (FPP, federation of swimming pool and spa professionals), Piscine Global is the landmark international trade show in the field of swimming pools and well-being. It attracts key industry stakeholders, experts and innovators from around the world to explore the latest trends and products and the most advanced technologies. Piscine Global is determined to promote sustainable development and support initiatives to improve the swimming pool and well-being industry.

For example, Piscine Global takes concrete steps to limit its environmental impact with dedicated action plans. This includes reducing its carbon footprint, limiting the use of disposable products to maximise the circular economy and developing diversity and the region where the show takes place.



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PRESS CONTACTS Agence Comadequat

Nataly Joubert
n.joubert@comadequat.fr
+33 (0)6 09 42 25 94

Marie Tissier
m.tissier@comadequat.fr
+33 (0)6 15 39 59 65