

A high-angle, slightly blurred photograph of a person swimming in a pool. The swimmer is in the middle of a stroke, creating a large splash of white water. Blue and white lane lines stretch across the pool, receding into the distance. The water is a deep blue.

Aquatic Centres and Splash Parks

Design
and management for sustainability

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Director @leisure

Swimming pools cost a lot of money

(construction, supervision,
energy and water)

.....its less about swimming than ever

- Reducing drownings; in water safety education and improving swimming competency
- Reducing obesity and increasing health and wellbeing including mental health
- Cooling off in increasingly hot weather



Splash rather than swim?

- More splash parks being built than pools
- IWF don't have the same benefits
- Need careful choice - lots of different types of splash parks







수영장 이용 안내
1. 어린이 동반 시, 149원(수), 159원(일)
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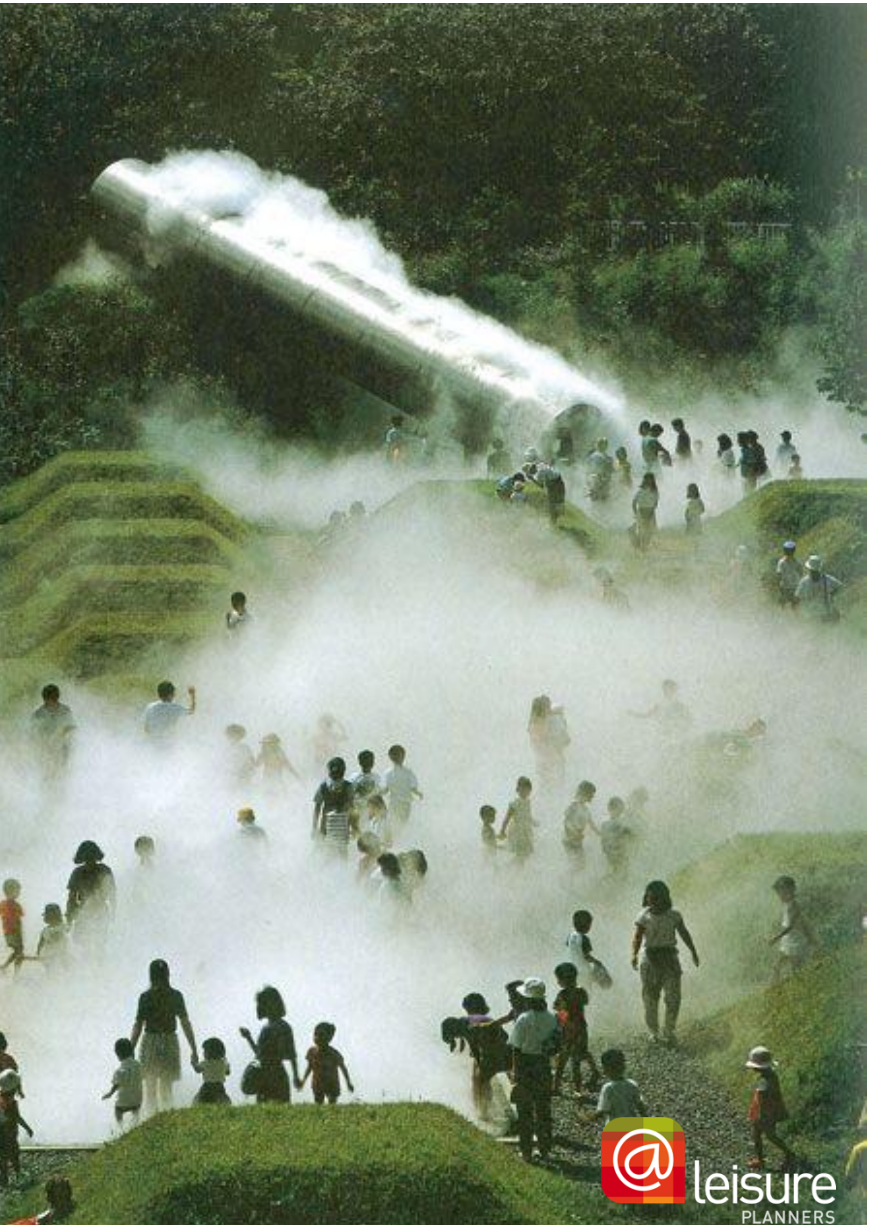






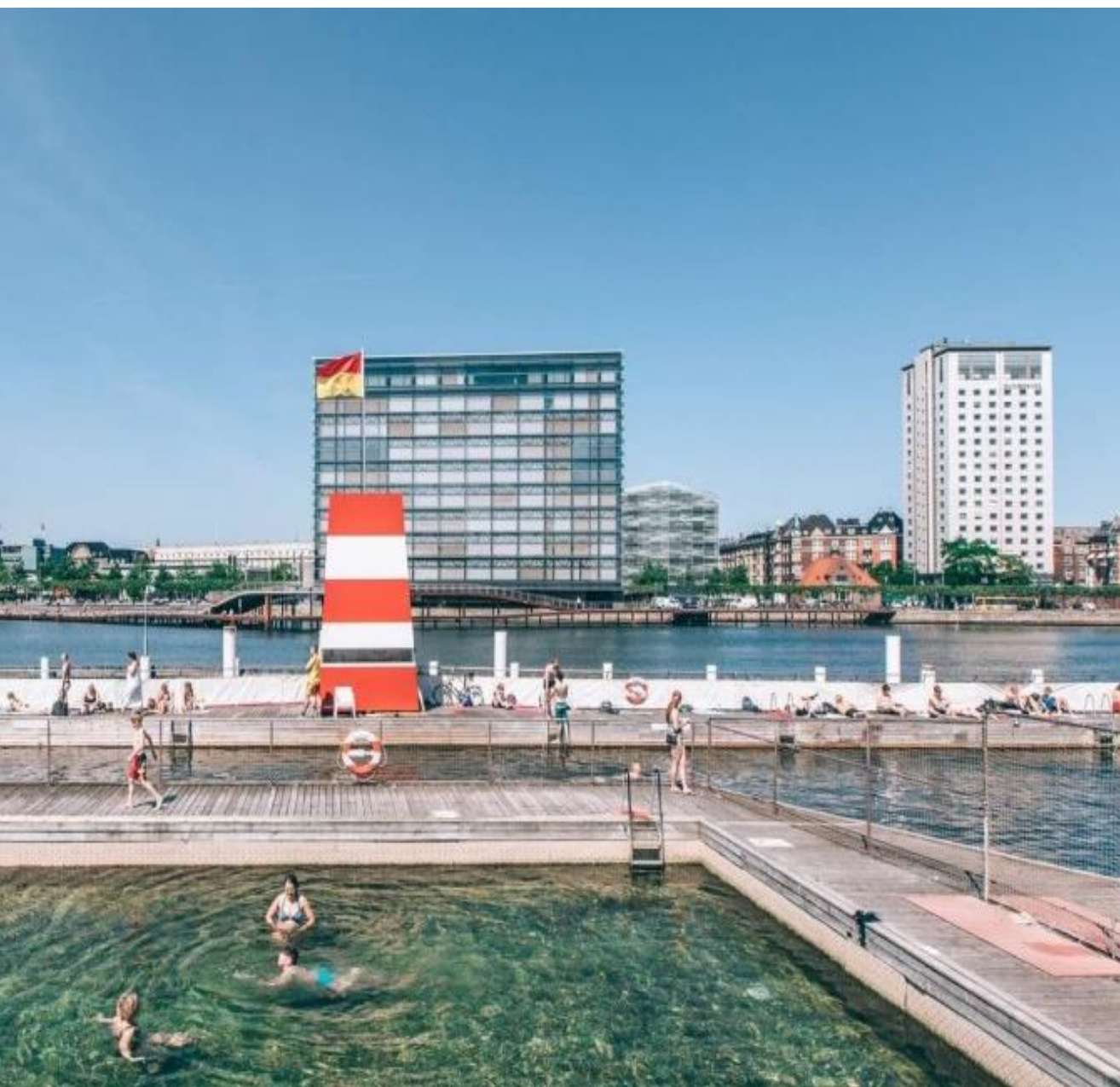














INTERACTIVE WATER FEATURES - OBJECTIVES / DECISION CONTINUUM









Reduce energy use

Daylight- Building design and /or
motion sensors for lighting

Solar PV systems

Solar for pool water heating
systems

Minimise water loss: unnecessary
heating and filtration.

Water- focus on simple measures

Prevent loss from leaks and evaporation

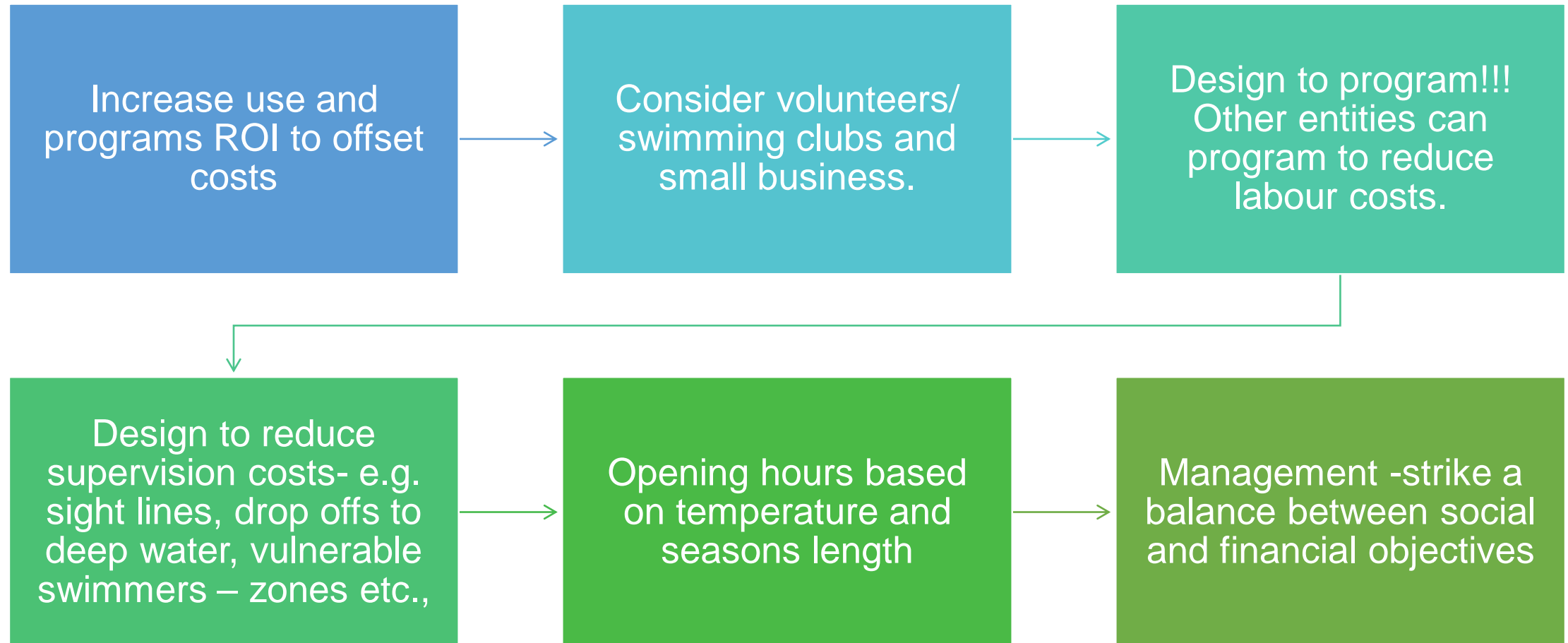
Reuse/ recycle backwash

WS fittings: shower systems, basin systems and toilets. Can achieve 50% saving

Keeping pool covers on

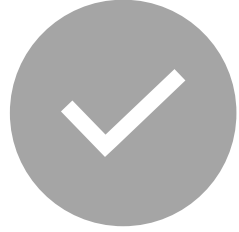
Filter choice

Labour costs/ use





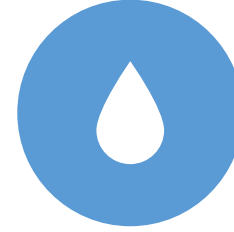
THE RIGHT
POOL FOR THE
MARKET AND
THE
OBJECTIVES



REPLACE OLD
INFRASTRUCTURE



CAREFUL
BUILDING
DESIGN



REDUCE
ENERGY AND
WATER USE –
SIMPLE
MEASURE



CAREFUL
MANAGEMENT
TO INCREASE
RETURN ON
LABOUR
COSTS

SUMMARY:

How can you make Aquatic centres more sustainable?



Thank you



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