

CONCRETE

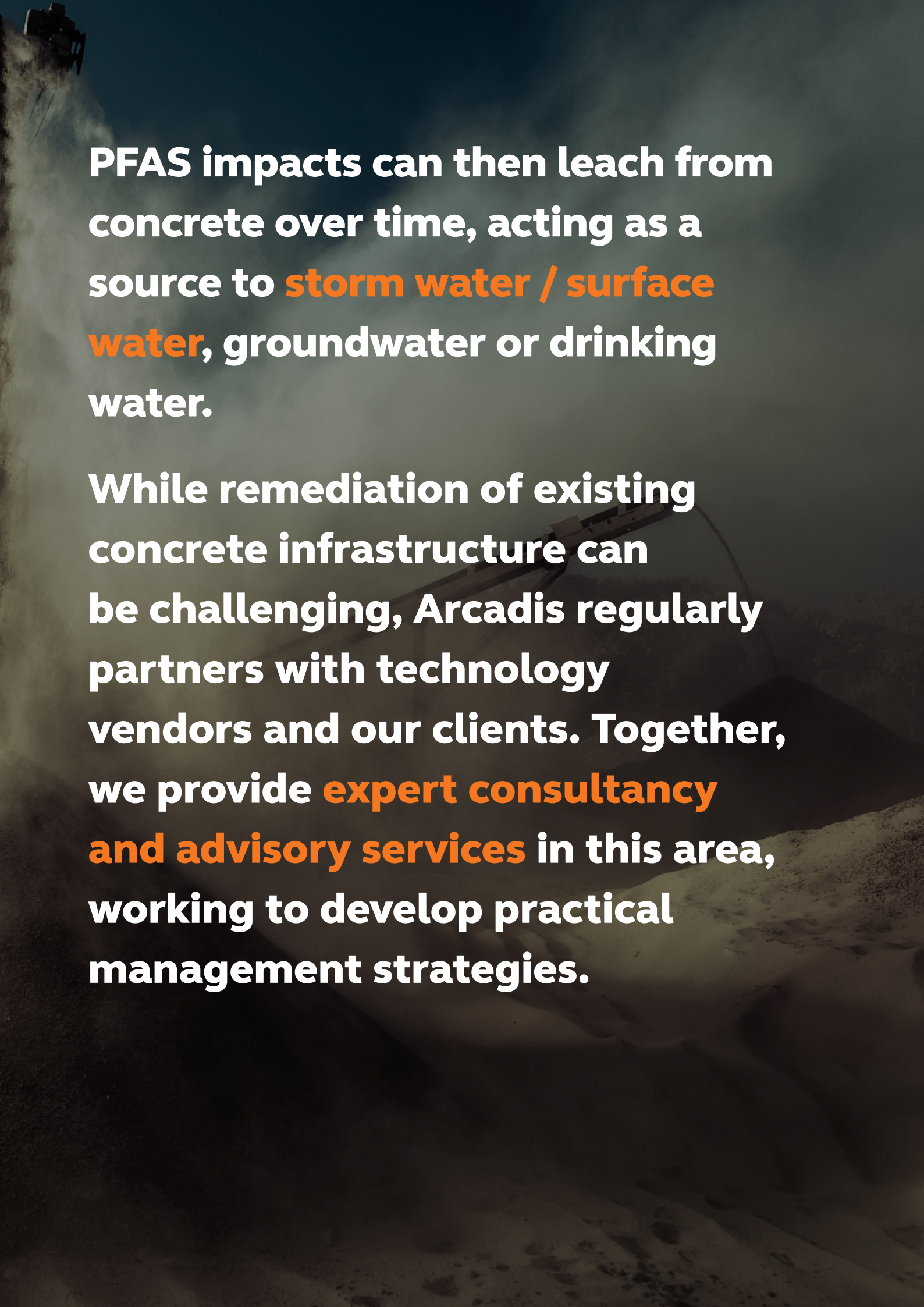
PFAS SOLUTIONS



PFAS

IN CONCRETE

Due to the porous nature of concrete, PFAS can diffuse and partition into concrete and also self assemble on concrete surfaces, especially after years or decades of contact with AFFF in fire training.



PFAS impacts can then leach from concrete over time, acting as a source to storm water / surface water, groundwater or drinking water.

While remediation of existing concrete infrastructure can be challenging, Arcadis regularly partners with technology vendors and our clients. Together, we provide expert consultancy and advisory services in this area, working to develop practical management strategies.

The background is a photograph of broken concrete slabs and debris, suggesting a construction or demolition site. Overlaid on this image are several thick orange lines: two vertical lines on the left and right sides, and multiple horizontal lines of varying lengths scattered across the composition. The text 'OUR SOLUTIONS' is centered in a bold, white, sans-serif font.

OUR SOLUTIONS



SURFACE SEALANTS

Arcadis regularly liaises with technology vendors utilizing a variety of licensed proprietary technologies which, when applied to concrete can create surface barriers to stabilize PFAS and prevent long term leaching. These products can be sprayed on or applied as a paste to concrete infrastructure.

This chemistry can also be added to the concrete mix at the time of batching. Mixed into the base material, it enforces the concrete and stabilises the mixture. This product can be used to either prevent PFAS contamination, or to enable safe off-site disposal of PFAS-impacted concrete waste materials.



THE ARCADIS STORY

Arcadis has a long history of management and remediation of PFAS impacts, starting over 14 years ago with our first projects in Belgium, Germany and the UK. Arcadis now has **more than 400 projects** in **12 countries**. Our expert team consists of **over 100 innovators**, including chemists, toxicologists, hydrogeologists, geologists, risk assessors and remediation engineers.

Arcadis is the leading global Design & Consultancy organization for natural and built assets, tracing its roots back to the Association for Wasteland Redevelopment in the Netherlands in 1888. Applying our deep market sector insights and collective design, consultancy, engineering, project and management services, **we work to deliver exceptional and sustainable outcomes.**

With over 27,000 people in over 70 countries and a generated €3.3 billion in revenue, Arcadis' rich history lends the perfect foundation for the innovative solutions we have now become renowned for.

27,000

PEOPLE



**WE WORK
TO DELIVER
EXCEPTIONAL
— & —
SUSTAINABLE
OUTCOMES**

70

COUNTRIES

€3.3

BILLION IN REVENUE

MINIMISE YOUR IMPACT TODAY

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