

Cover Story

The CYLutions waterstop technology by Emagineered Solutions has been designed to restore watertight seals in dam monolith joints

5 World News

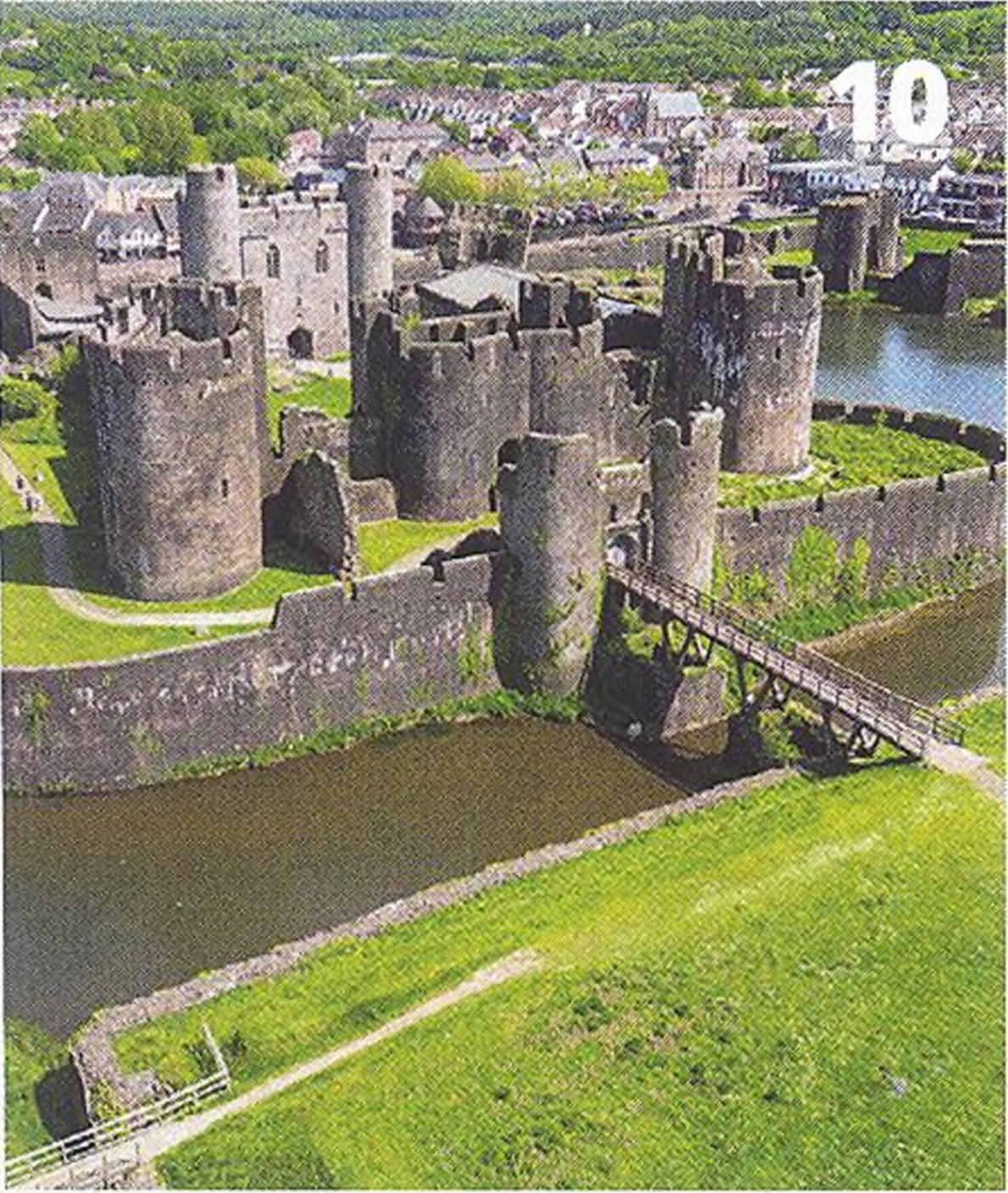
New guide launched to boost investment in pumped storage project; BII invests in hydropower; Uniper recommissions Happurg

9 Spotlight

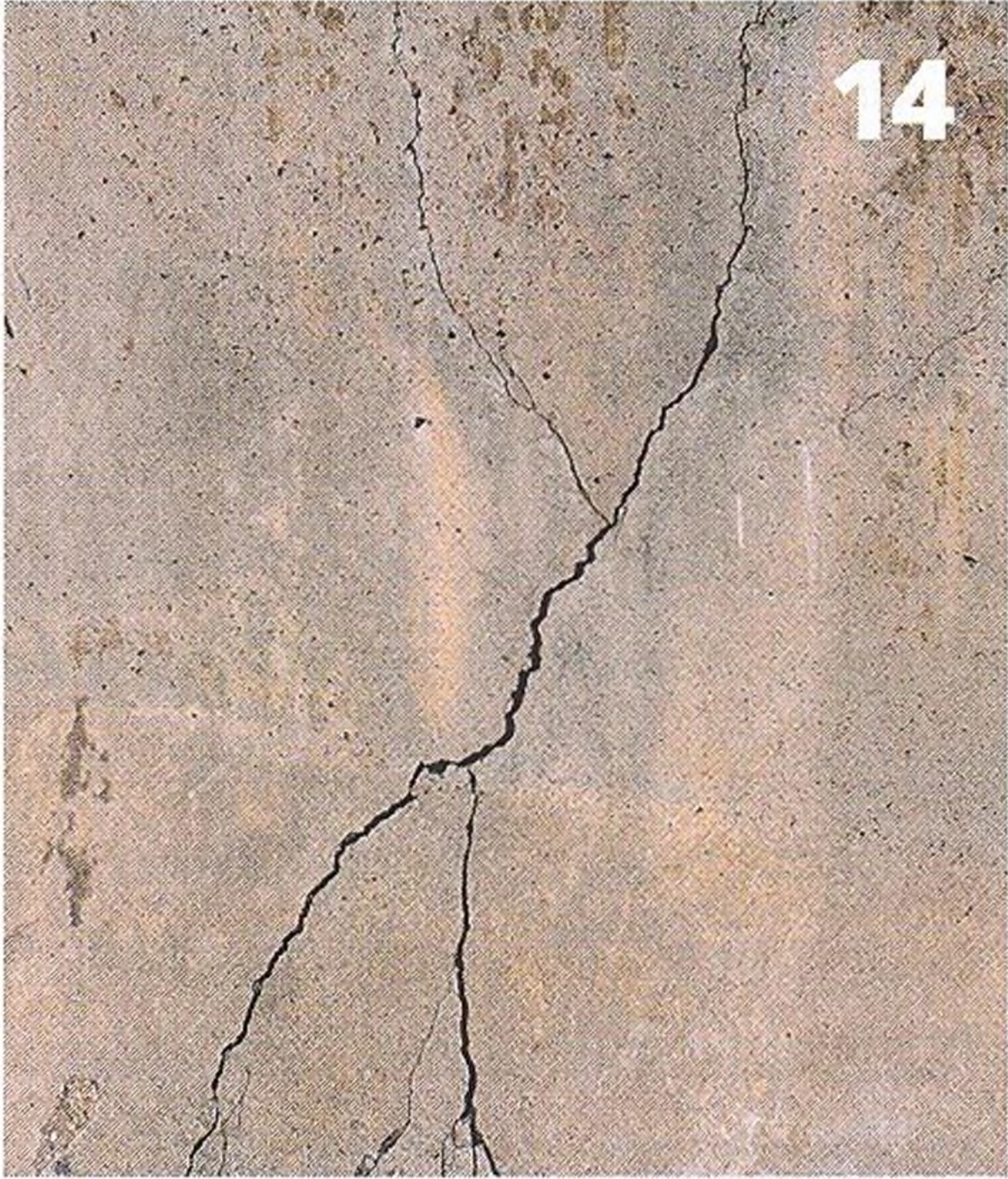
National Renewable Energy Laboratory introduces new toolkit to aid in knowledge sharing and succession planning.

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Contacts

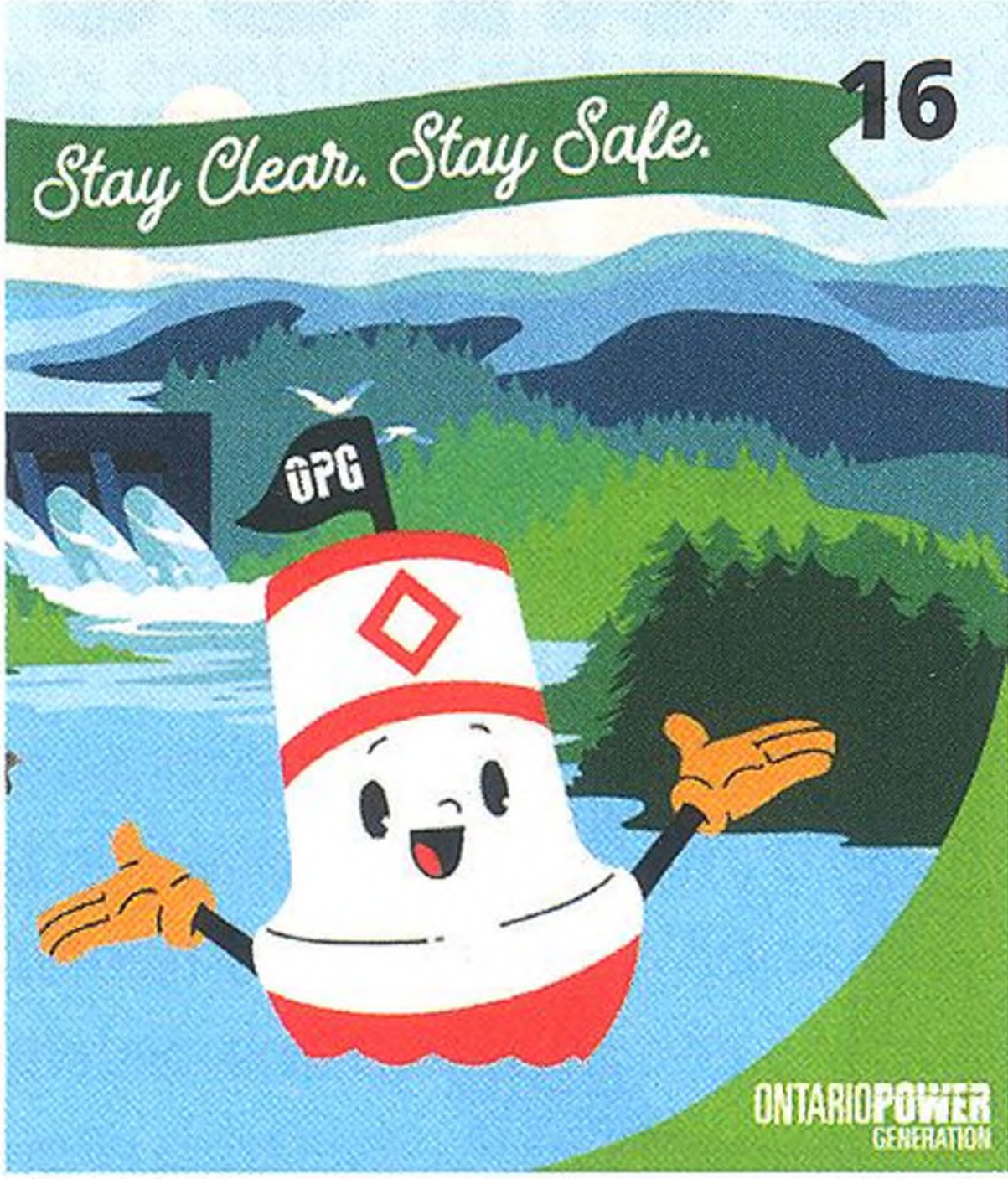
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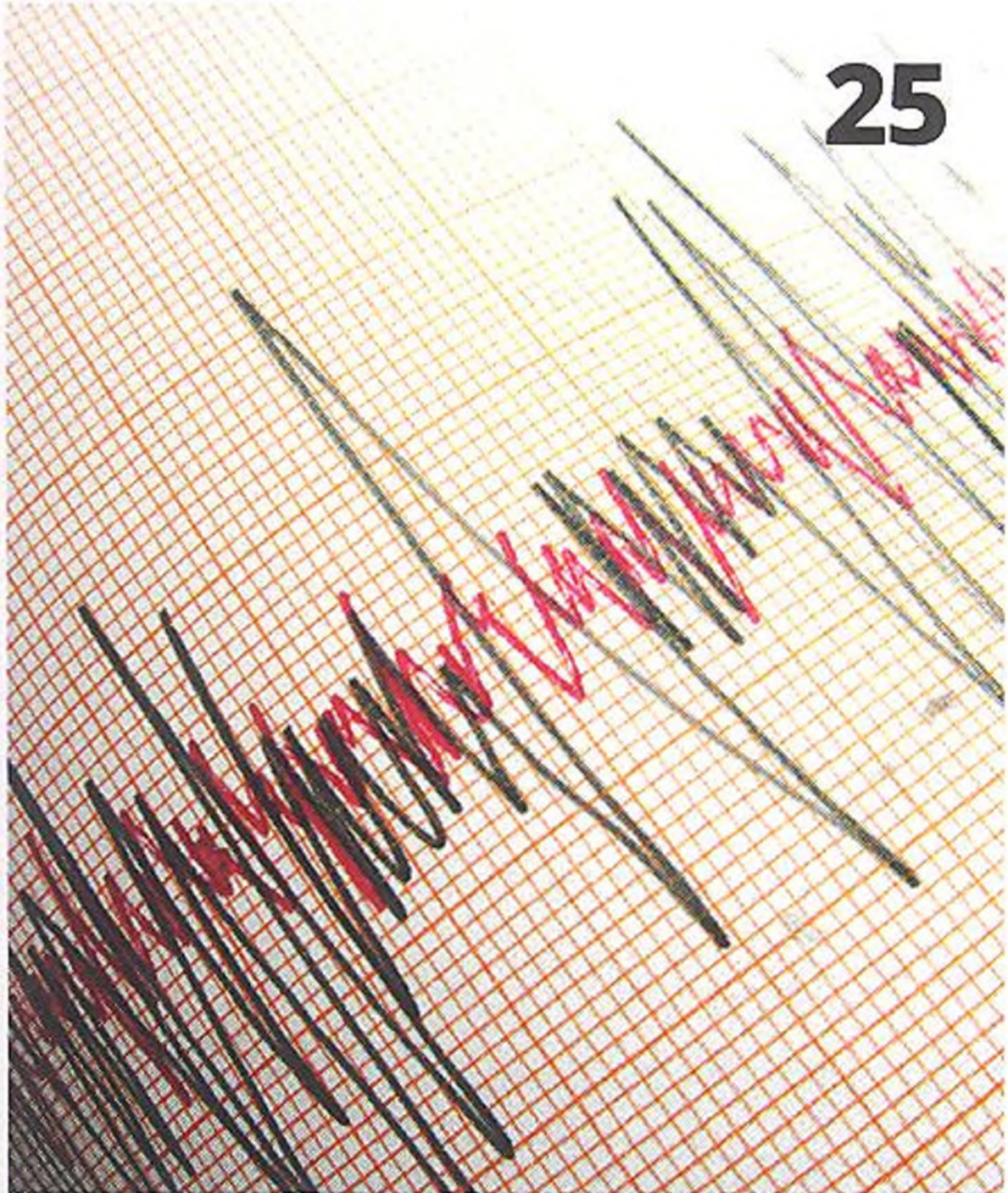
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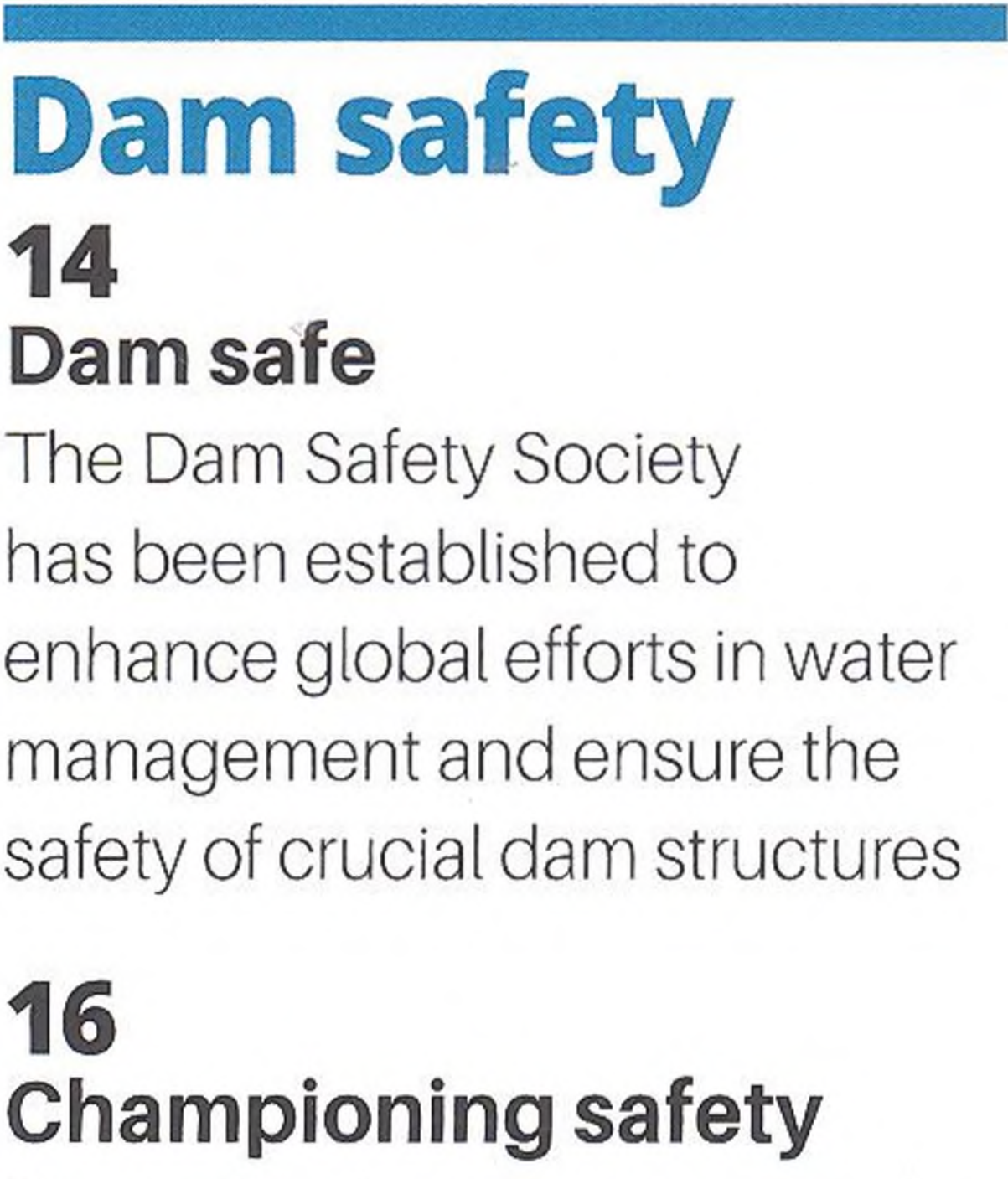
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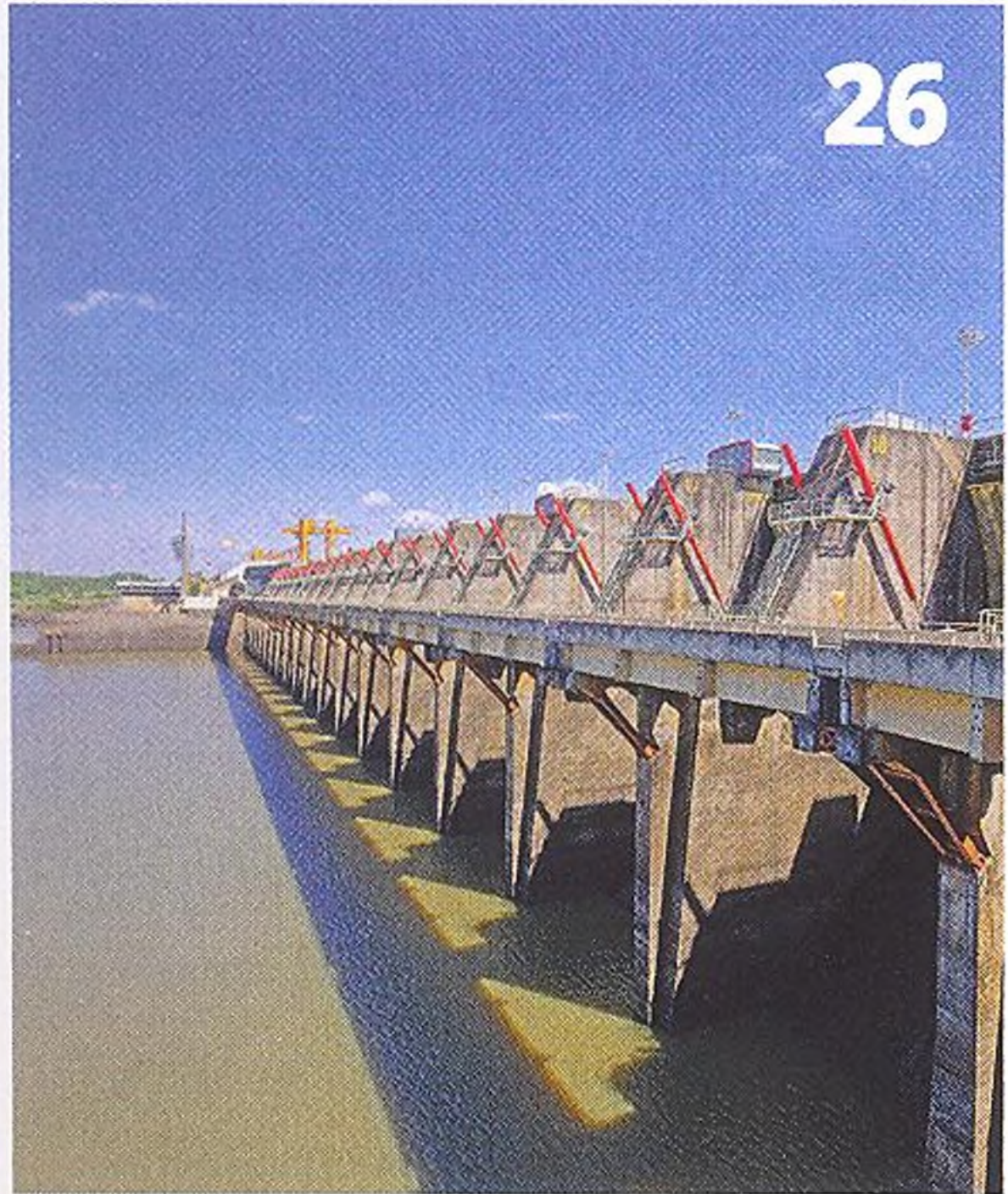
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Dam safety

14 Dam safe

The Dam Safety Society has been established to enhance global efforts in water management and ensure the safety of crucial dam structures

16 Championing safety

Strengthening messages and maintaining infrastructure are some of the ways the dam industry is tackling safety issues

18 Advanced dam monitoring

Encardio Rite's Infinitus approach integrates cutting-edge technologies and comprehensive monitoring solutions to help enhance dam safety

21 Exhibitor updates

Spotlight on recent news from some of the exhibitors at Dam Safety 2024, the educational and networking event for the dam safety industry

22 Upgrading Murchison Dam

Various challenges had to be overcome when Hydro Tasmania undertook recent upgrades at Murchison Dam

South America

26 A robust cornerstone

Although climate change is having an impact on hydropower production in some South American countries, the future continues to look bright in others

Barrier & booms

30 Floating guardians

Floating barriers and booms have become critical components in hydroelectric operations, tackling challenges from debris management to public safety. As the technology evolves, barriers and booms are adapting to meet new demands in efficiency and safety

Monitoring

34 Waterstop technology

Joint leakage in concrete gravity dams and locks is often seen as an unavoidable challenge. Grant Waring, President of Emagineered Solutions, gives an insight into how expectations can be redefined

Wave & tidal power

36 Harnessing the power of the oceans

This feature delves into the state of wave and tidal energy developments worldwide, highlighting groundbreaking projects, technological advancements, and the challenges that must be overcome. From the rugged coastlines of Scotland to the innovative shores of Japan, each case study provides a snapshot of how different regions are leveraging their unique marine environments to harness ocean energy.