

Cover Story

5 World News

10 Spotlight

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Classified

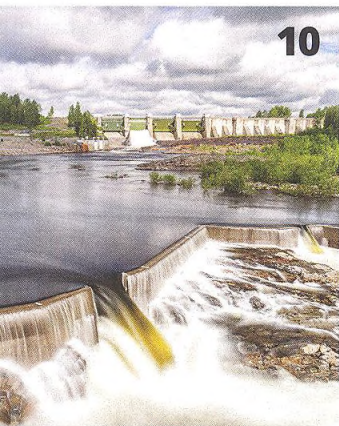
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Contacts

Innovative techniques have been used to optimise the Hone 1 hydroelectric project in Italy during a refurbishment project

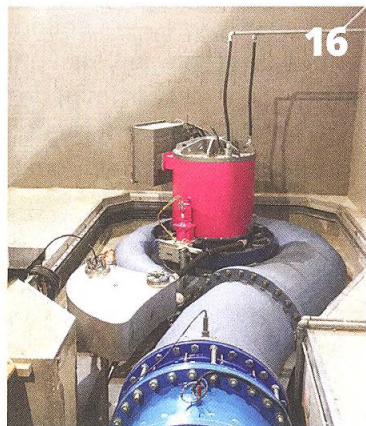
Teesta-V project in India rated an example of international good practice; ASDSO to investigate Spencer Dam failure in the US

Adaptation and resilience will be key to future hydropower production in the face of more frequent and extreme weather events

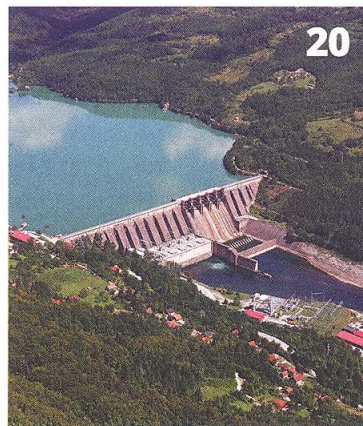
features



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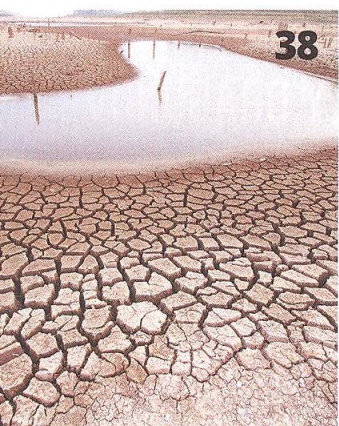
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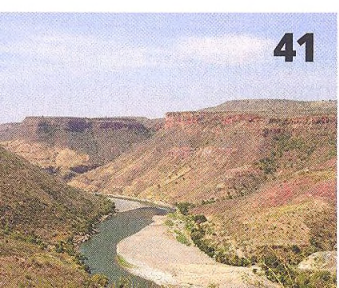
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Europe

16 Global gathering

The latest news and developments from companies exhibiting at the Hydro 2019 event, to be held in Portugal from 14-16 October

20 Hydropower Europe

A new multi-partner initiative – led by the International Commission on Large Dams (ICOLD) and supported by the International Hydropower Association (IHA) – aims to agree common research and innovation priorities for the hydropower sector in Europe.

Pumped storage

22 Getting pumped up

From competition prizes, to financial news and development plans, IWP&DC brings you the latest news concerning pumped storage from across the globe

Refurbishment

26 Galling - what's the solution?

With potentially disastrous effects resulting from galled fasteners seizing or even being subject to a fatigue breakage, hydro industry players are being advised to counter this threat

28 Innovate to optimise

CVA has used innovative techniques to optimise the Hone 1 hydroelectric project in Italy. Report by Antonino Sannolo, Manuel Bonjean, Rudy Pasquetta, Damiano Cuvato and Paolo Caretti

32 Mission accomplished at Mosul Dam

One of the largest and most complex, multinational grouting and maintenance operations undertaken in recent years has been completed at Mosul Dam

36 Refurb round up

Hydropower refurbishment projects worldwide

Operation & maintenance

38 Getting water smart

WaterSMART is a Department of the Interior initiative that is utilising the best available science to improve water conservation, helping water managers identify strategies to narrow the gaps between supply and demand across the western states of the US

41 Optimising reservoir operations

New research demonstrates how evolving operating rules during multi-reservoir system expansion and planning can increase the ability to identify best performance plans

Safety

42 The Toddbrook Reservoir Incident

Spillway damage during a recent flood event prompted the evacuation of hundreds of residents in an English town