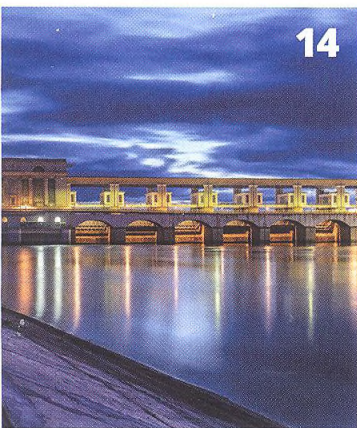


Why working in virtual reality to review designs, optimise processes and rehearse on-site activities may become the new normal.

Sustainable hydro and its role in Covid-19 recovery efforts; tunnel excavation work starts on Lesotho Highlands Water Project Phase II

Case studies demonstrate effective operation and maintenance practices, plus the successful development of small hydropower

## features



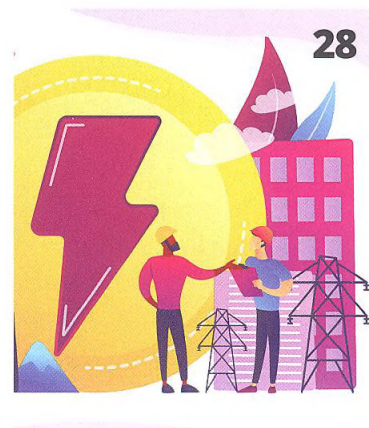
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## BRIC and MINT

### 14 Still on the up?

Hydro development within the BRIC and MINT countries

## Training and education

### 17 Valuable interaction

Training in light of the Covid-19 pandemic



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## Q&A

### 18 We need to keep changing

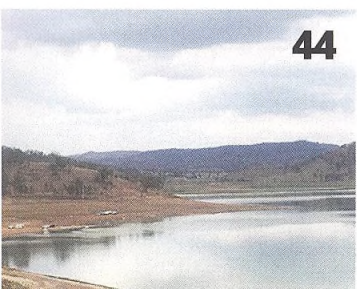
Q&A with Hydro Tasmania's outgoing CEO, Steve Davy

## Finance

### 20 Private sector investment and the anatomy of risk

The complexity of finance in low income countries and why addressing risk will attract more private sector investment.

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### 24 Revenue sharing in small hydropower: is it worth it?

A look at the business case for small hydropower to invest in catchment protection

### 28 Strengthening sustainable hydropower to support economic recovery

Policy paper highlights how governments and financial institutions can enhance hydro's role in Covid-19 recovery

### 30 Build BC back better

Can investment in watershed security enable British Columbia to build back better? Suzanne Pritchard reports

## Equipment

### 34 Using tensioning to fix bolts with high precision

Using hydraulic tensioning – rather than torsion – to fix bolts in place gives engineers confidence that couplings are tightened correctly

### 36 Building high and low

Construction equipment and ROV put to work on dam and hydropower projects

## Projects

### 38 The importance of selecting adequate seismic design parameters for large dams

Seismic hazard analysis of large and high dams located in the Andean, Himalayas and Eastern Anatolia mountain ranges

### 42 Digital rehearsal could be the new normal

Adopting new ways of working to help the sector beyond the Covid-19 crisis. Will digitalization become the new normal going into the future

### 44 Communicating robust business cases

The role of engineers in demonstrating a business case to deliver major water infrastructure across Australia