## **Cover Story**

Hydropower's digital transformation boosts sustainability, efficiency, and resilience, integrating AI, digital twins, and automation solutions.

### **5 World News**

President Museveni inaugurates Karuma, Uganda's largest power plant; OPEC Fund approves \$25 million loan for Rogun

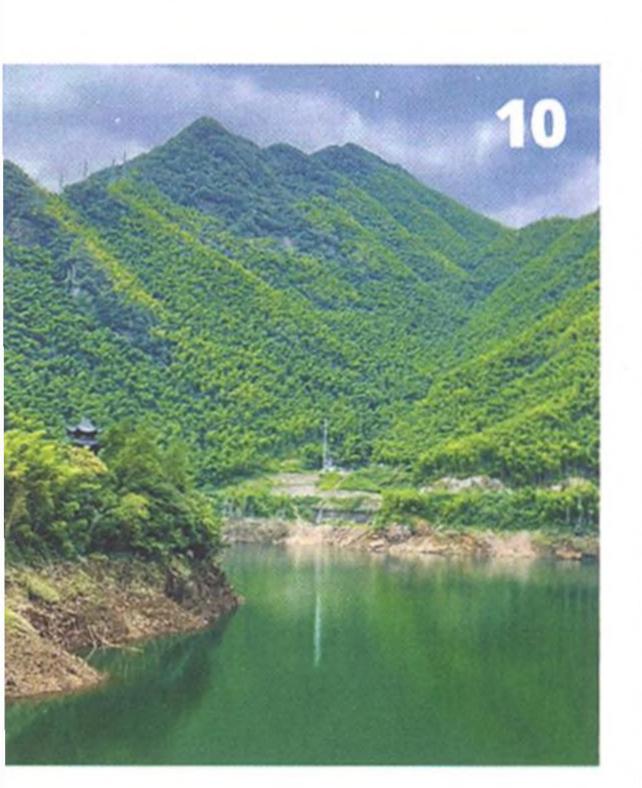
## 10 Spotlight

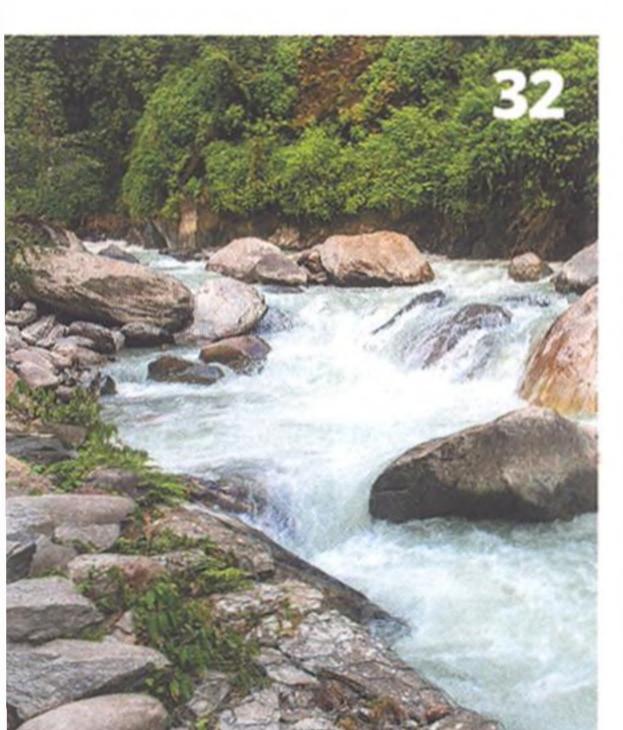
Eddie Rich, CEO of the IHA,, explains how pumped storage hydropower is becoming an essential pillar in the race towards net zero and energy security.

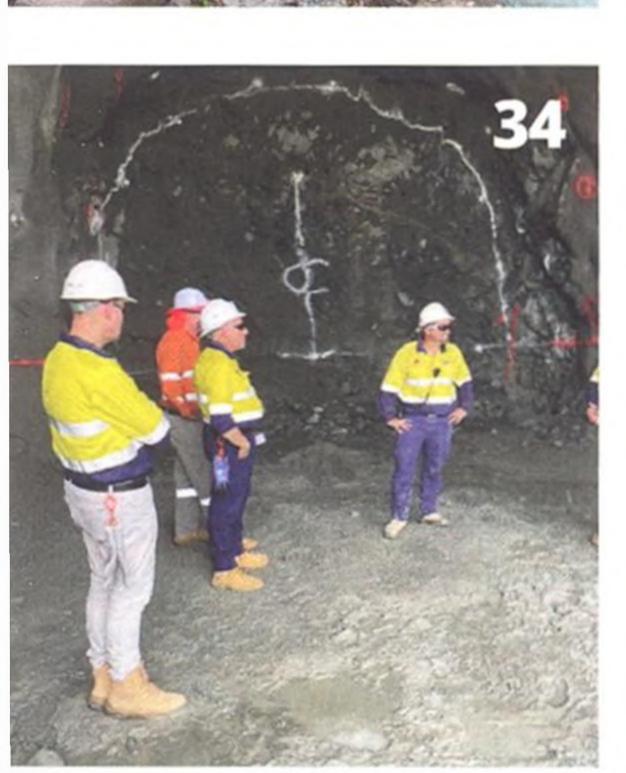
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**Contacts** 

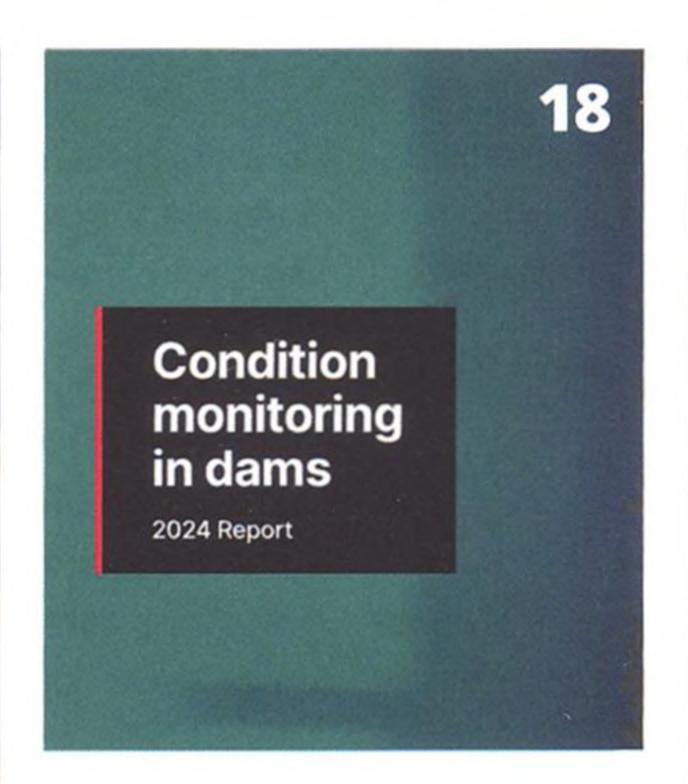
#### features











## People

People on the move

IWP&DC reports on recent appointments in the industry

## Spotlight

Engineering booms as demand for dams surges

Del Shannon explores the unprecedented growth of the dams and reservoirs market

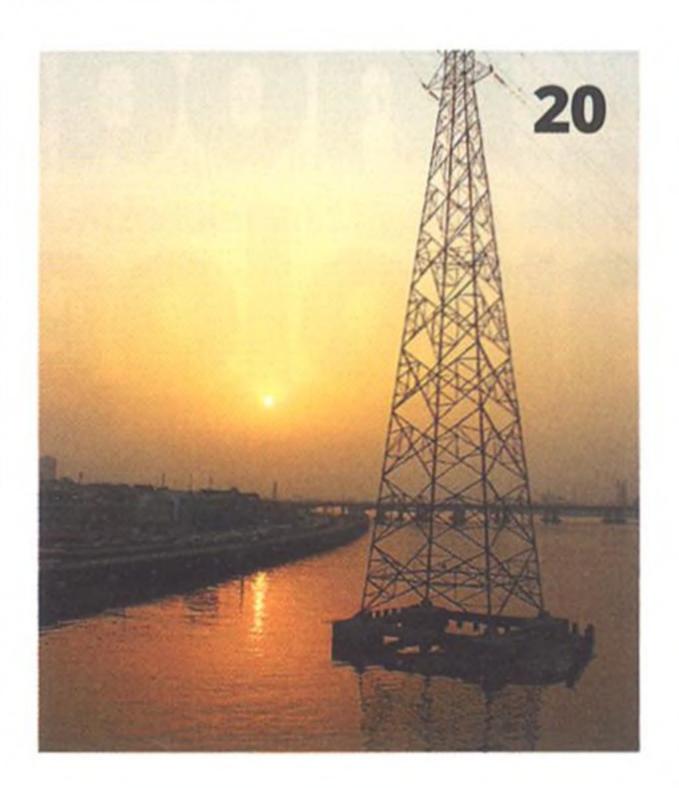
# monitoring

Top technologies driving condition monitoring

Explores the key technologies driving modern condition monitoring in hydropower

#### 18 **Automation in dam** condition monitoring

Survey finds that automation in dam monitoring is growing rapidly, increase efficiency and reducing cost for dam owners



### **Advancing hydropower** monitoring

MC-monitoring has developed innovative solutions to meet the evolving needs of hydropower

## Digitalisation

Predict, prevent, and perform

How Al-driven asset management predicts failures, optimizes maintenance, and improves decisions.

# Taking great strides

The role of digitalisation in hydro

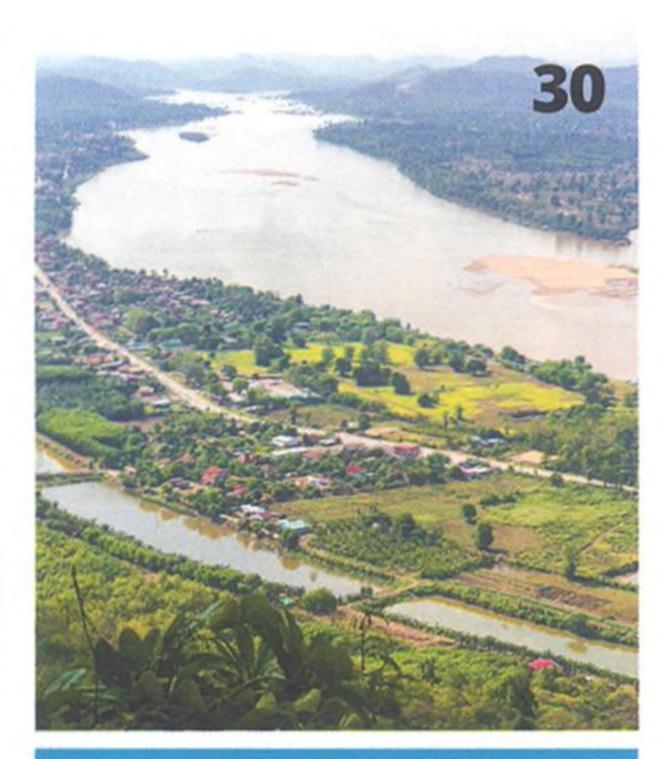
#### 26 **Empowering** vsualisation

Reimaging dams as transit hubs for the world's water through interactive visualisation

#### **Projects** 29

Snapshot of small hydro

Reflecting on 30 years experience in small hydro



# Regulations & policies

Mitigating conflict

Mitigating environmental impacts and potential conflicts

## A guiding hand

IWP&DC examines hydropower policies and environmental regulations across countries.

# Underground construction

Digging deep at Kidston

Excavation at Kidston revealed various lessons learned

#### Wave & tidal

**36** 

Harnessing a superpower

Tidal stream energy technology development and exportr

#### 38 A promising frontier

Marine energy offers promising solutions for sustainable energy