

# Cover Story

Tunnelling technology is driving ambitious hydropower projects, showcasing engineering innovation and renewable energy solutions

# 5 World News

World Bank approves \$350 million grant for Rogun hydropower plant; Coire Glas project achieves key development milestone

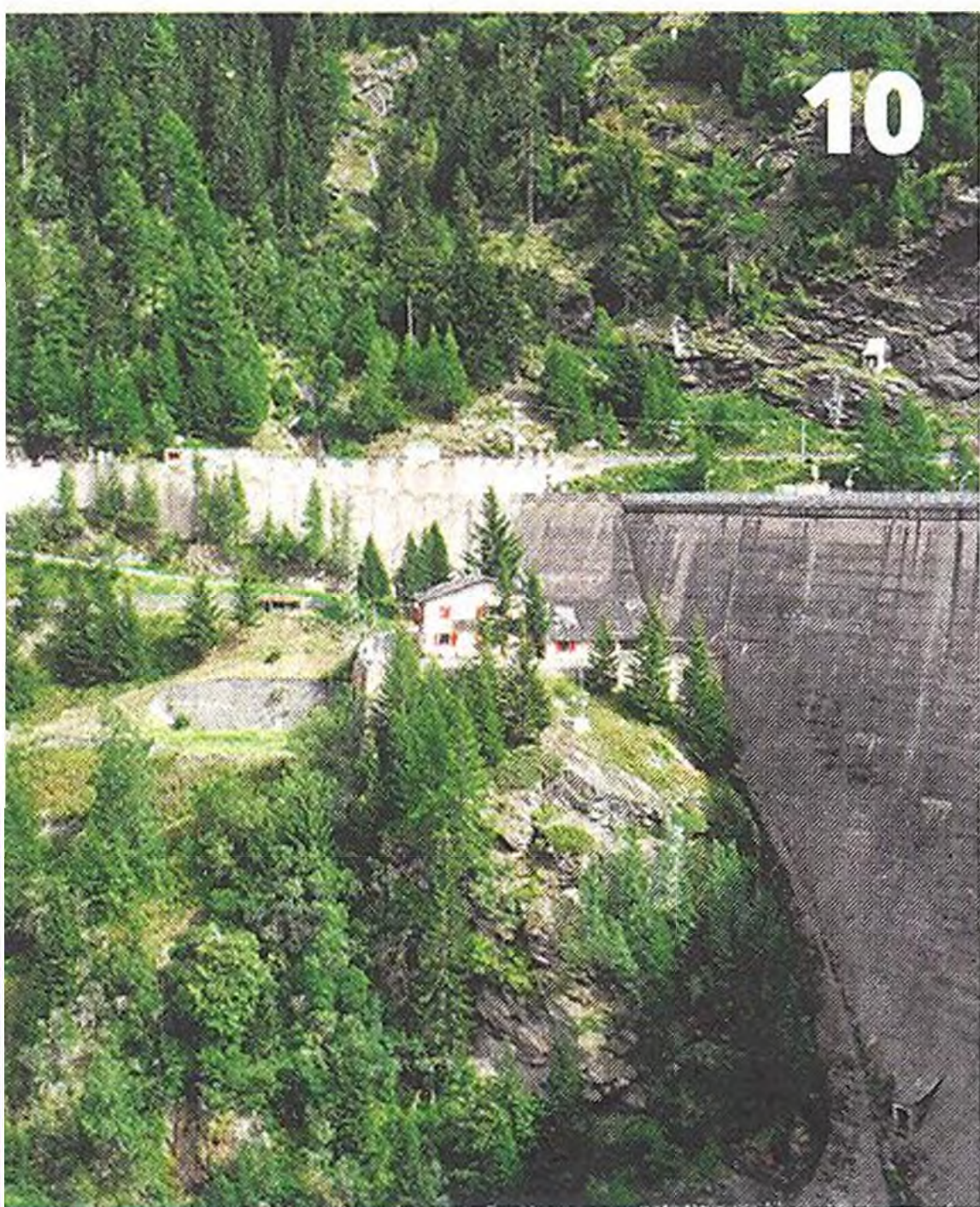
# 10 Spotlight

Italy balances dam rehabilitation and innovation to sustain aging infrastructure and support modern sustainability goals

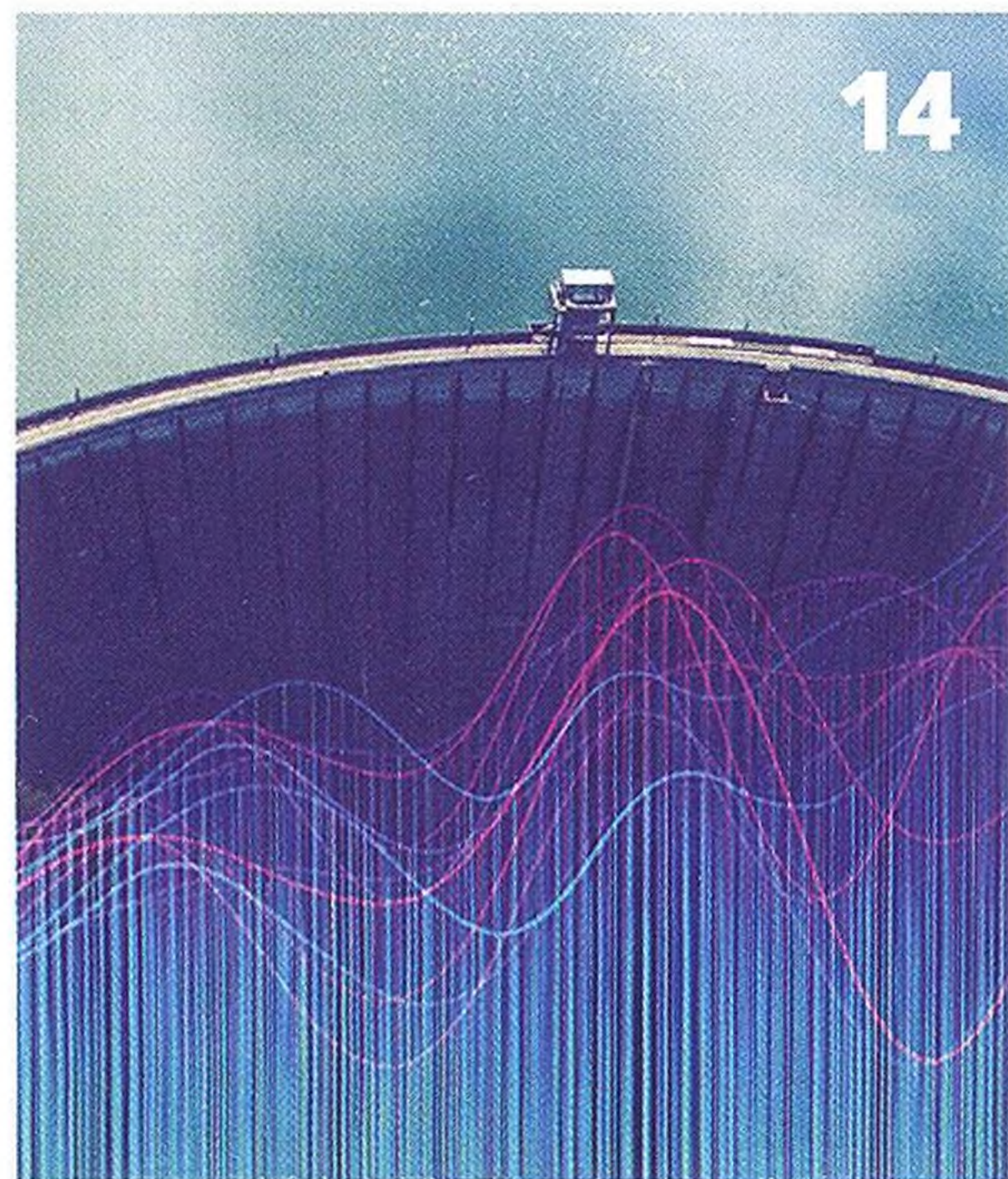
**40**  
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Contacts

## features



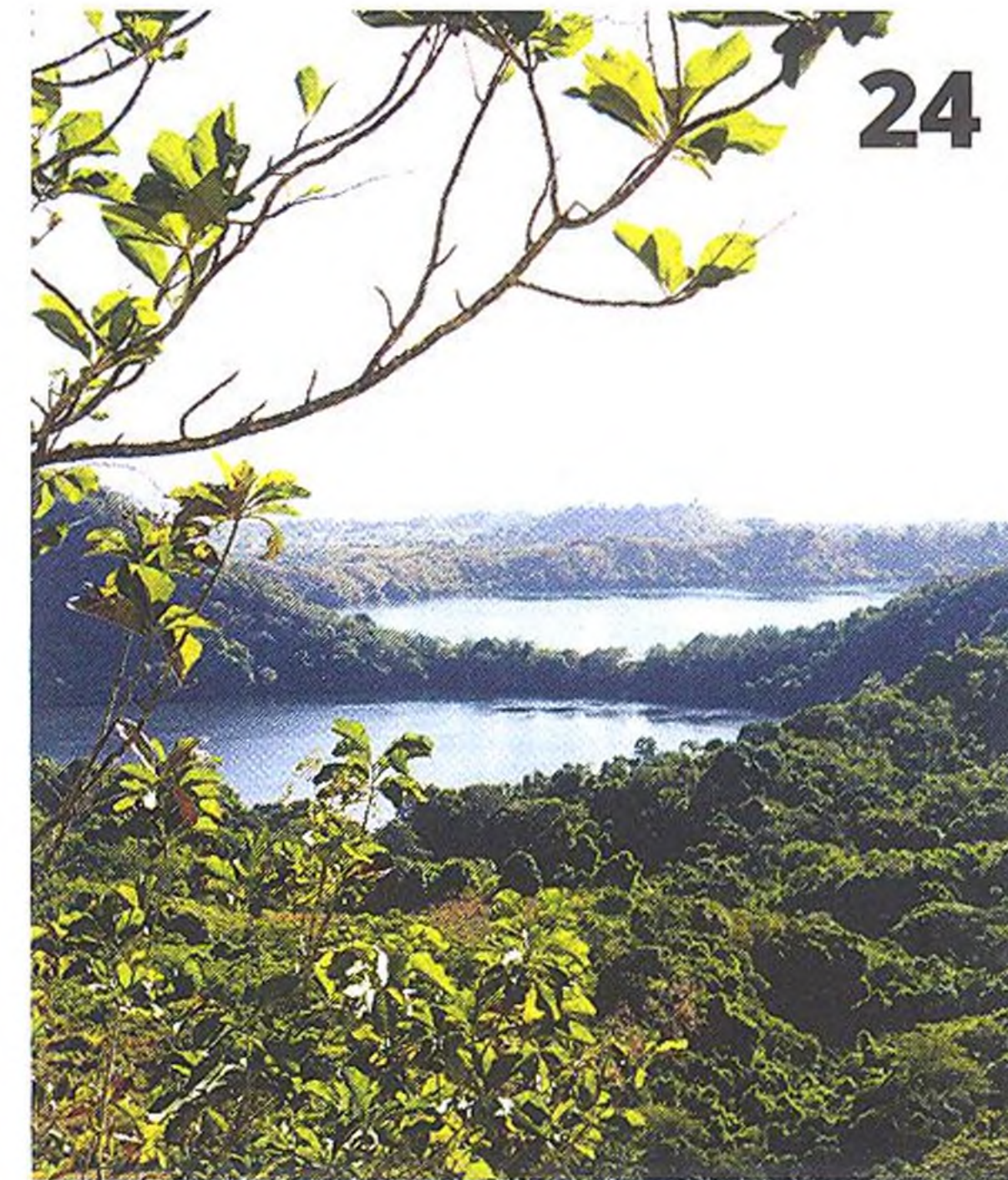
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### Expanding capacity

Preformed Windings' opens new Sheffield facility

## AI & digital twins

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### Doubling up

Embracing digital twin technology

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### AI solutions for risk management

Spotlight on Synectics' Synergy DETECT

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### Tunnelling into the future

Herrenknecht's tunnelling expertise highlights challenges and rewards

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### Swiss tour of duty

Swiss insights improve Alaska's Lowell Creek flood project



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### Accounting for finance

IWP&DC traces how investment is taking shape across the hydropower industry

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### Introducing The Hydro Academy

Hydro Academy bridges hydropower knowledge gaps through training

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### The global voice

Eddie Rich of the IHA explains why sustainable hydropower is crucial for energy transition, climate resilience, and water management

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### Energyfish: river-powered revolution

Innovative, eco-friendly micro hydropower solution harnesses rivers for sustainable, decentralized renewable energy

## Tidal energy

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### Riding the tides of change

Spiralis Energy's tidal innovation offers sustainable, predictable, eco-friendly power, complementing renewable energy solutions

## Civil works

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### Filling up at Site C

BC Hydro has completed the filling of the Site C reservoir, marking a pivotal milestone in the construction of the province's third hydroelectric generating station

## Workforce development

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### Hydropower workforce investment

A \$1 million initiative aims to recruit, train, and empower the next generation of US professionals to drive hydropower forward