

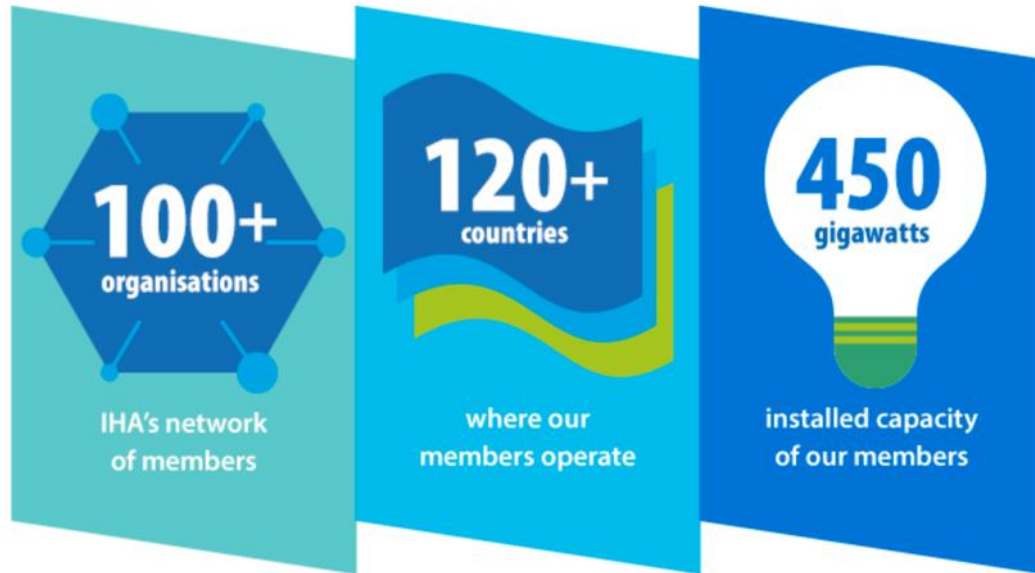
Sustainable Hydropower to Support Energy Transition in Asia-Pacific

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International Hydropower Association

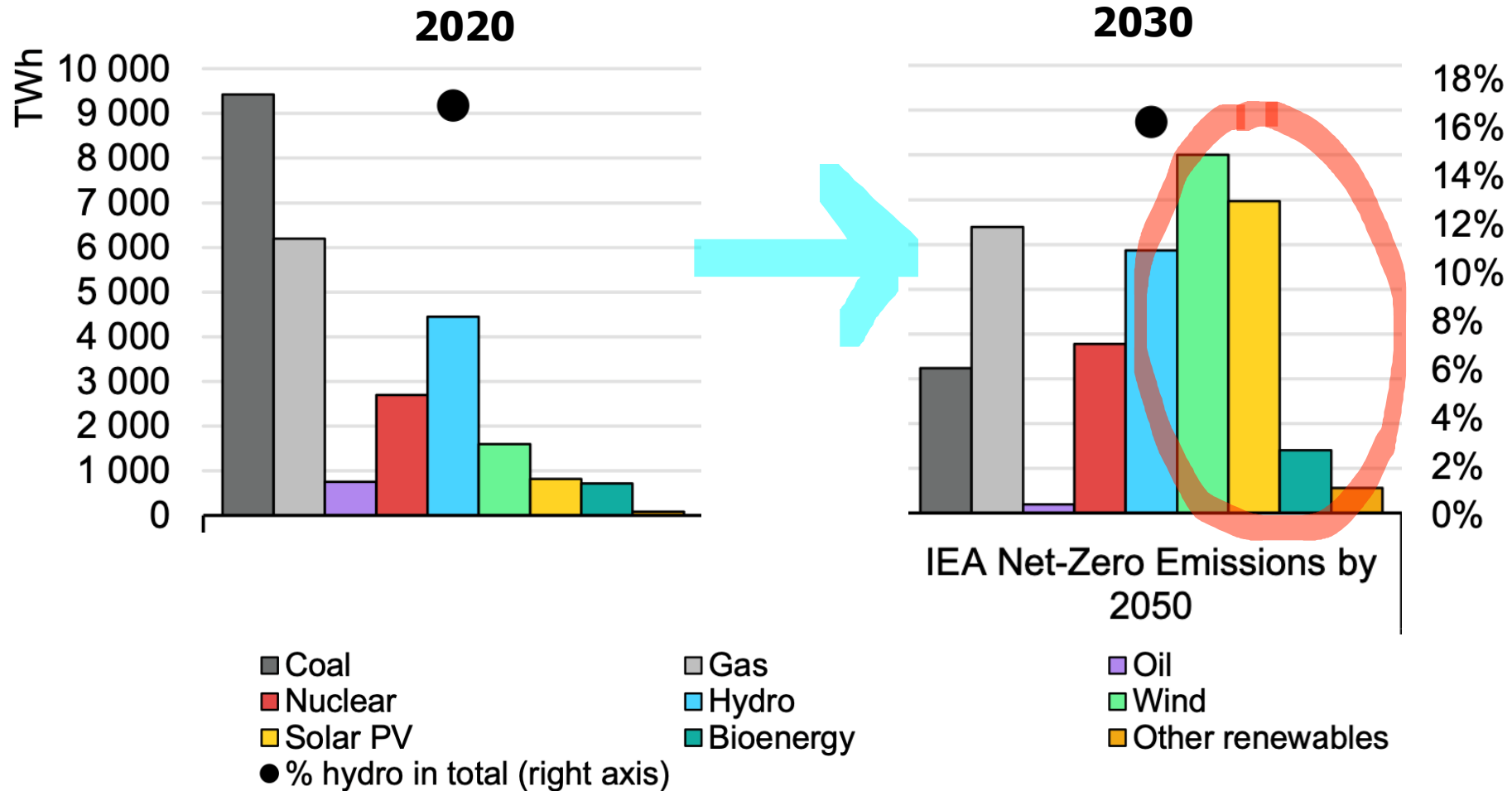
Non-profit membership



Advancing sustainable hydro

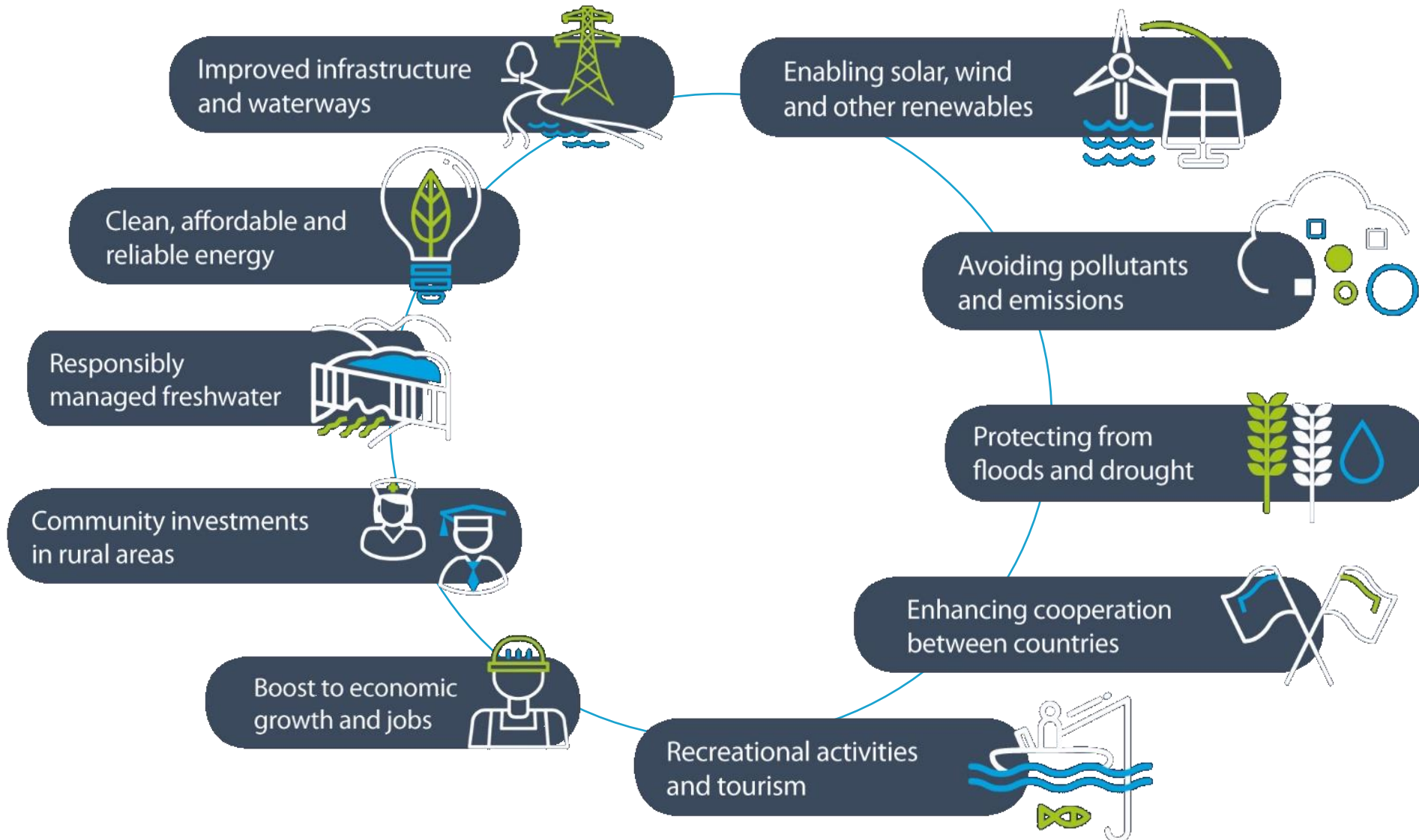


Hydropower is key to a renewables-based future

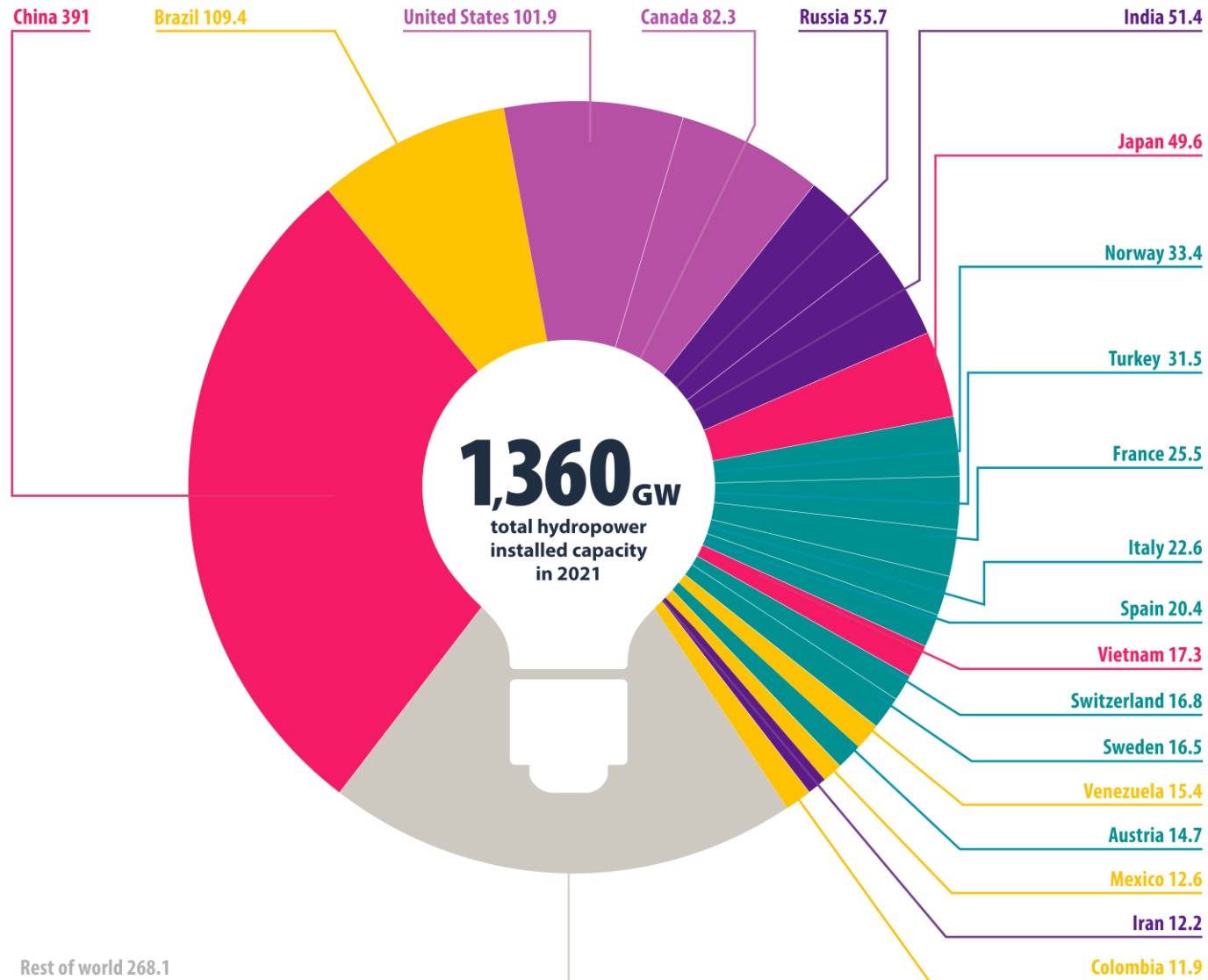


Source: IEA (2020b), World Energy Outlook 2020.

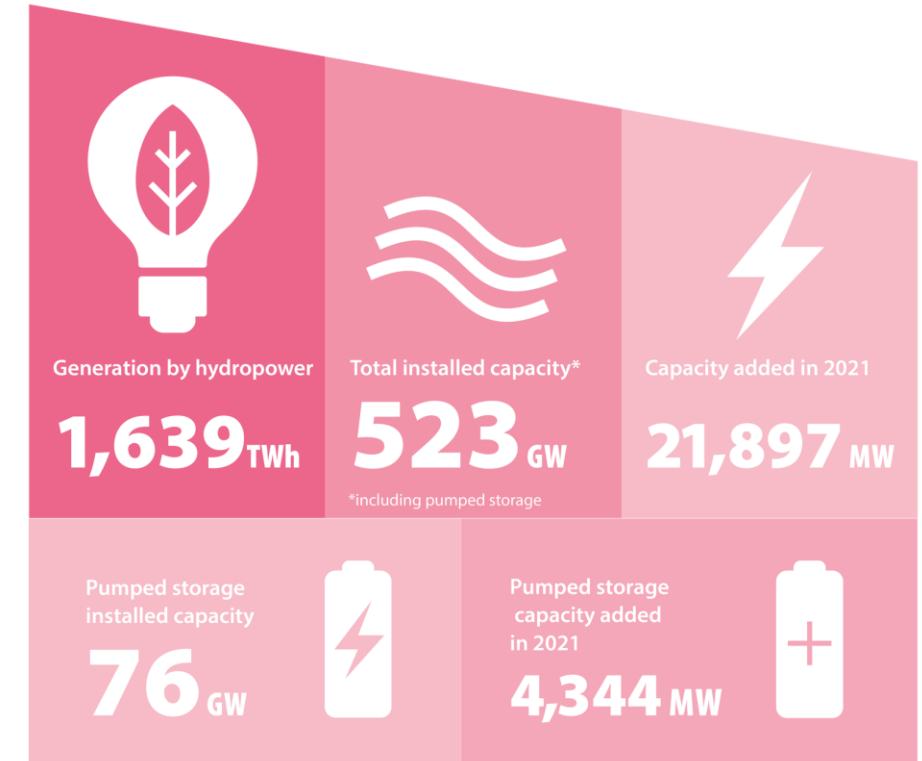
Hydropower System Services



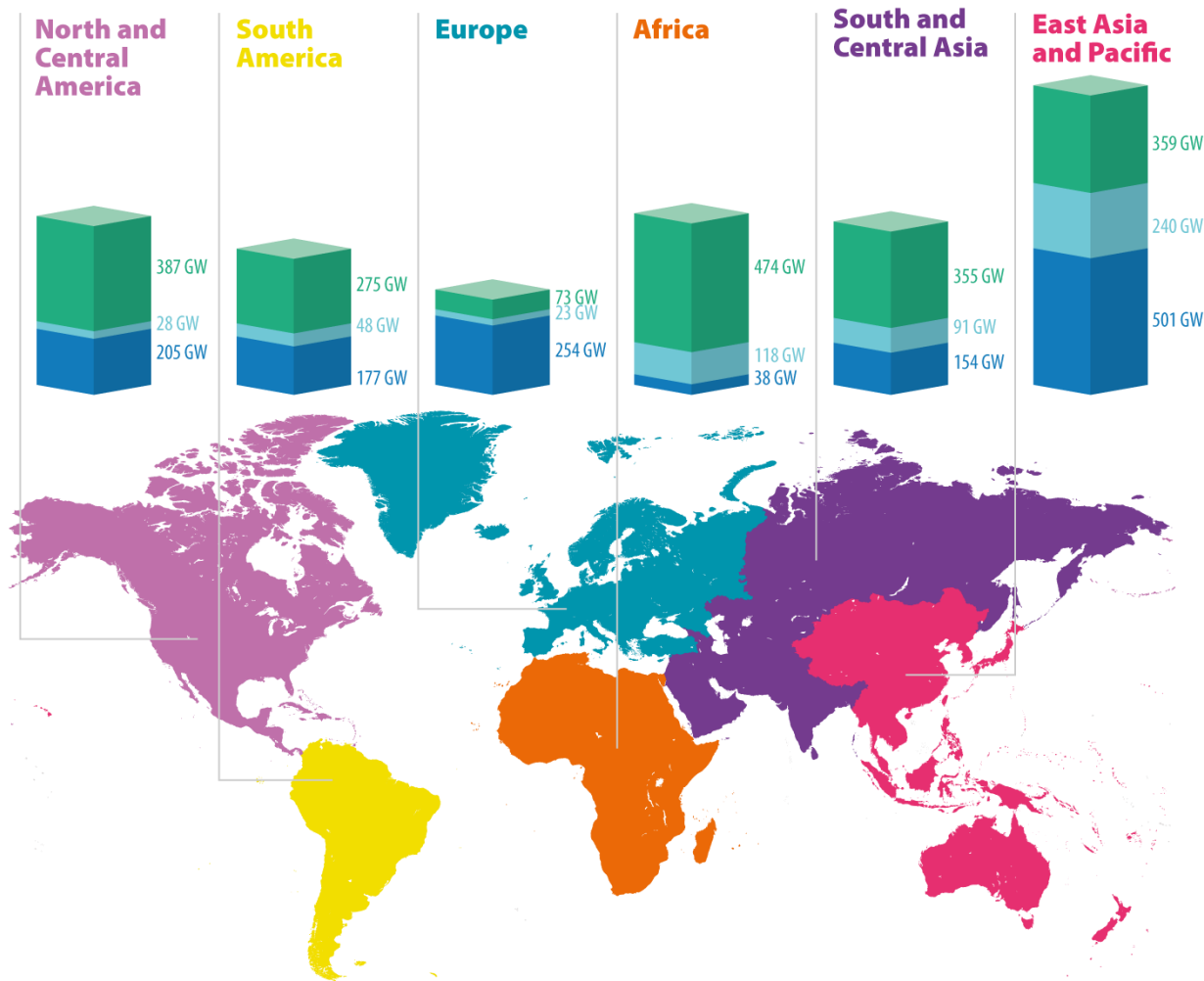
Global hydropower installed capacity (2021)



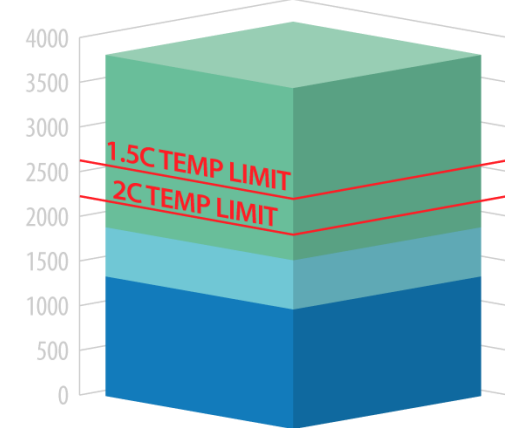
Regional hydropower installed capacity (2021)



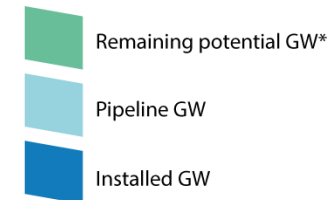
Hydropower potential



Global



Key



*Excluding pumped storage hydropower

But impacts need to be considered...



Hydropower Sustainability Standard



**E & S
Assessment**



**Labour and Working
Conditions**



**Water Quality and
Sediments**



**Community Impacts and
Infrastructure Safety**



Resettlement



**Biodiversity and
Invasive species**



**Indigenous
Peoples**



Cultural Heritage



**Governance and
Procurement**



**Communications
and Consultation**



**Hydrological
Resource**

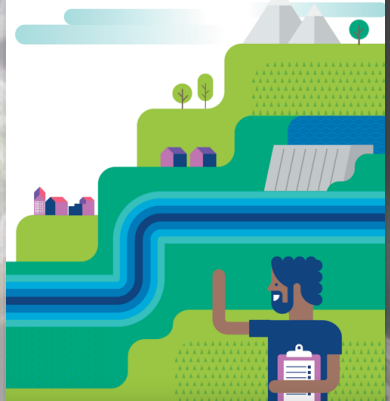


**Climate Change
Mitigation and
Resilience**

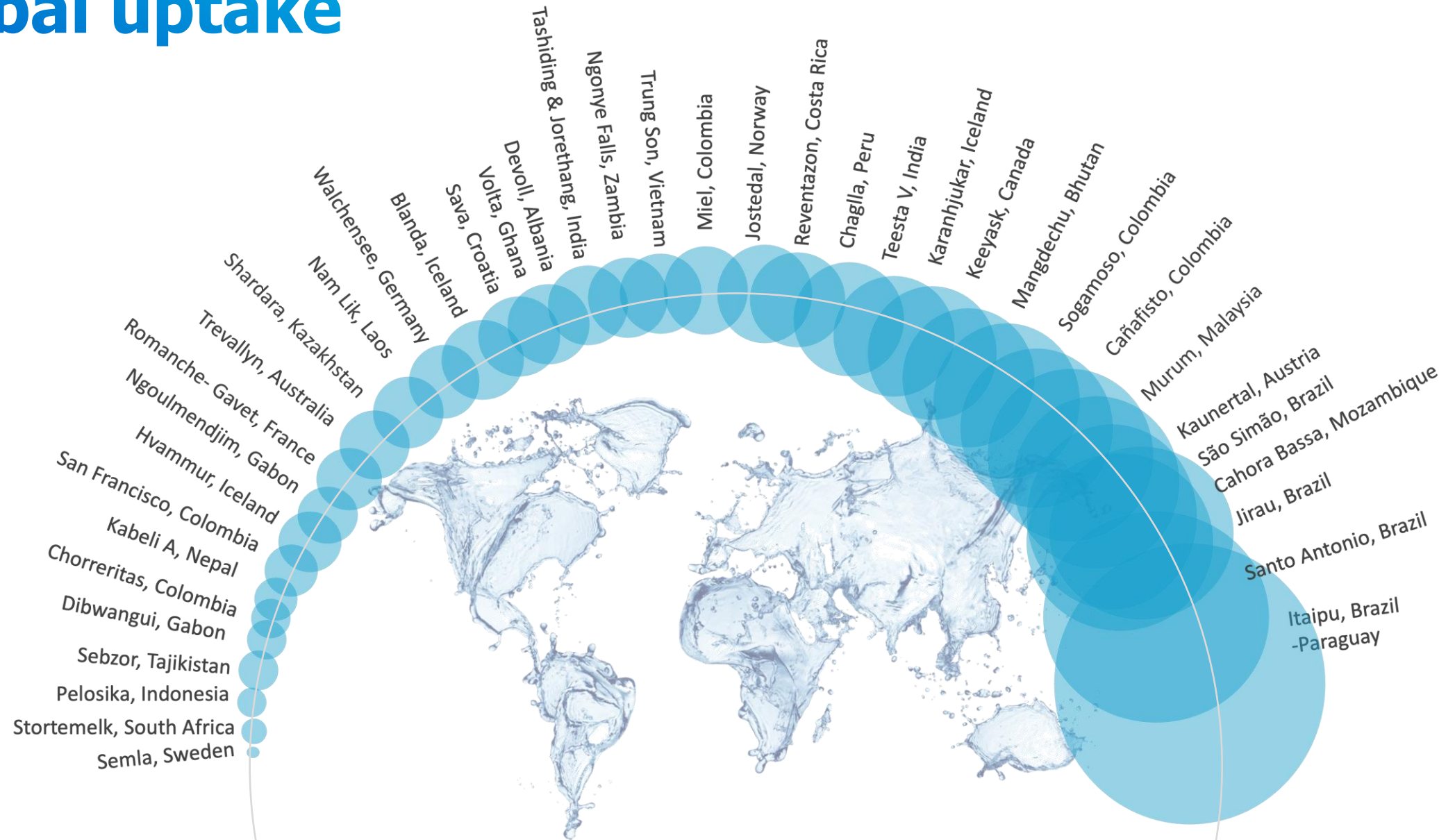
**Hydropower
Sustainability
Standard**



**Hydropower
Sustainability
Assurance System**



Global uptake



Methodology tested over 10 years

Use the Standard to

Manage ESG risks



Enhance reputation & Social licence to operate



Demonstrate sustainability



Unlock international funding



Receive industry recognition



Align with other requirements



Policy recommendations for governments and regulators

Sustainability

- Widespread adoption of Hydropower Sustainability Standard

Regulation/ planning

- Proportionate, streamlined license/permit processes

Maximise existing infrastructure

- Invest in modernization
- Assess scope for retrofitting

Finance

- Recognise additional benefits of hydro e.g. flexibility
- Provide long-term visibility of revenues
- Remuneration for ancillary services



world hydropower congress



This year's World Hydropower Congress, taking place in Bali on 31 October – 2 November, will be a vehicle turning climate ambition into action at the highest level.

Bringing together more than 1,000 decision makers, innovators and experts from industry, governments, finance, civil society, and academia, it will provide a stage for high-level policy statements, recommendations and commitments that will influence the global growth of sustainable hydropower.

To join us, register on the link below.



Powering Sustainable Growth

REGISTER YOUR INTEREST

www.worldhydropowercongress.org



PLN

Thank you

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Learn more:

www.hydropower.org

www.hydrosustainability.org