



ALPIQ

A different kind of energy

Hugo Saraiva da Silva
November 2024
École polytechnique fédérale de Lausanne

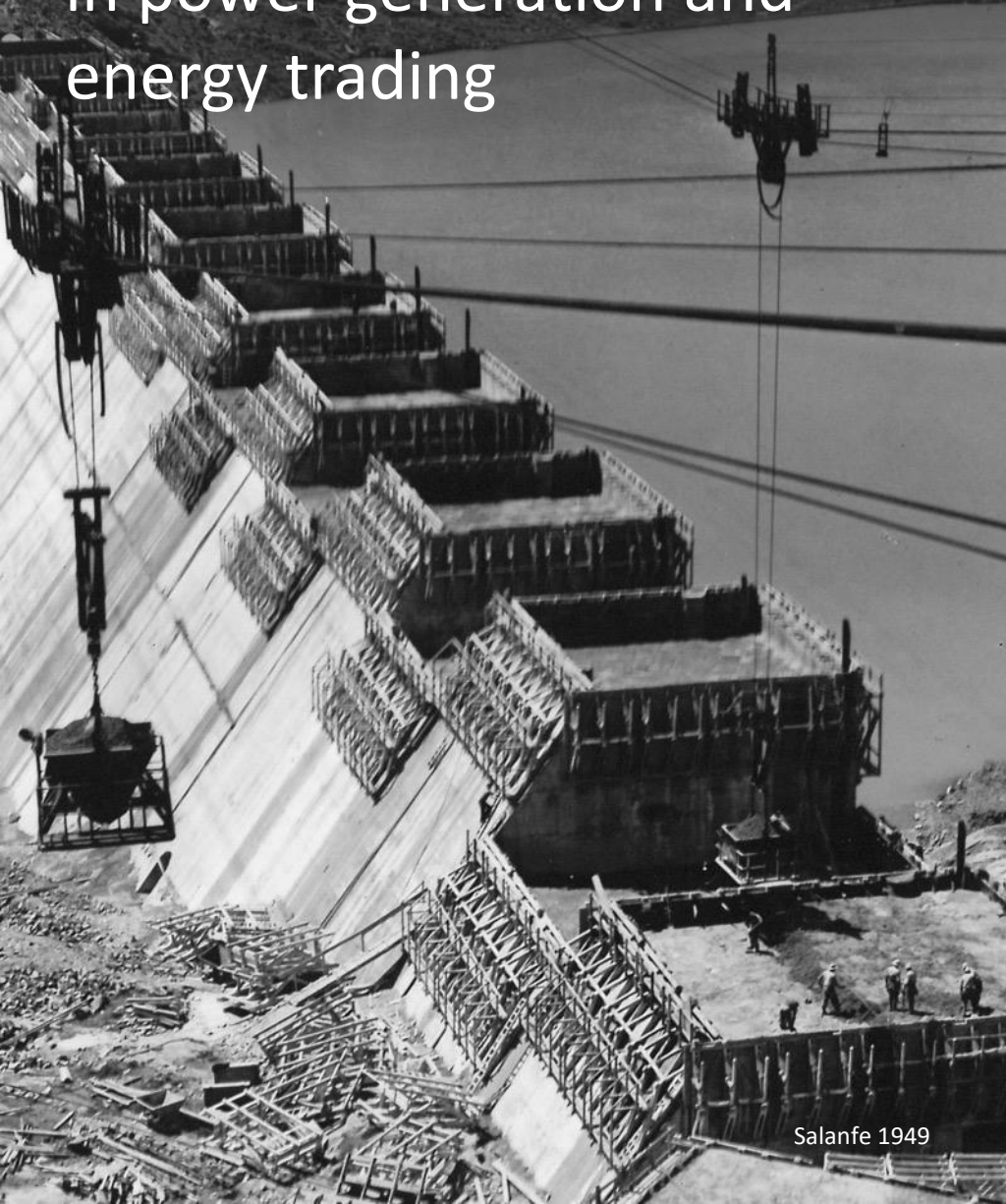
Agenda

1. Presentation of the company
2. Power generation
3. Nuclear activities
4. Graduate program

1. Presentation of the company



100 years of experience in power generation and energy trading



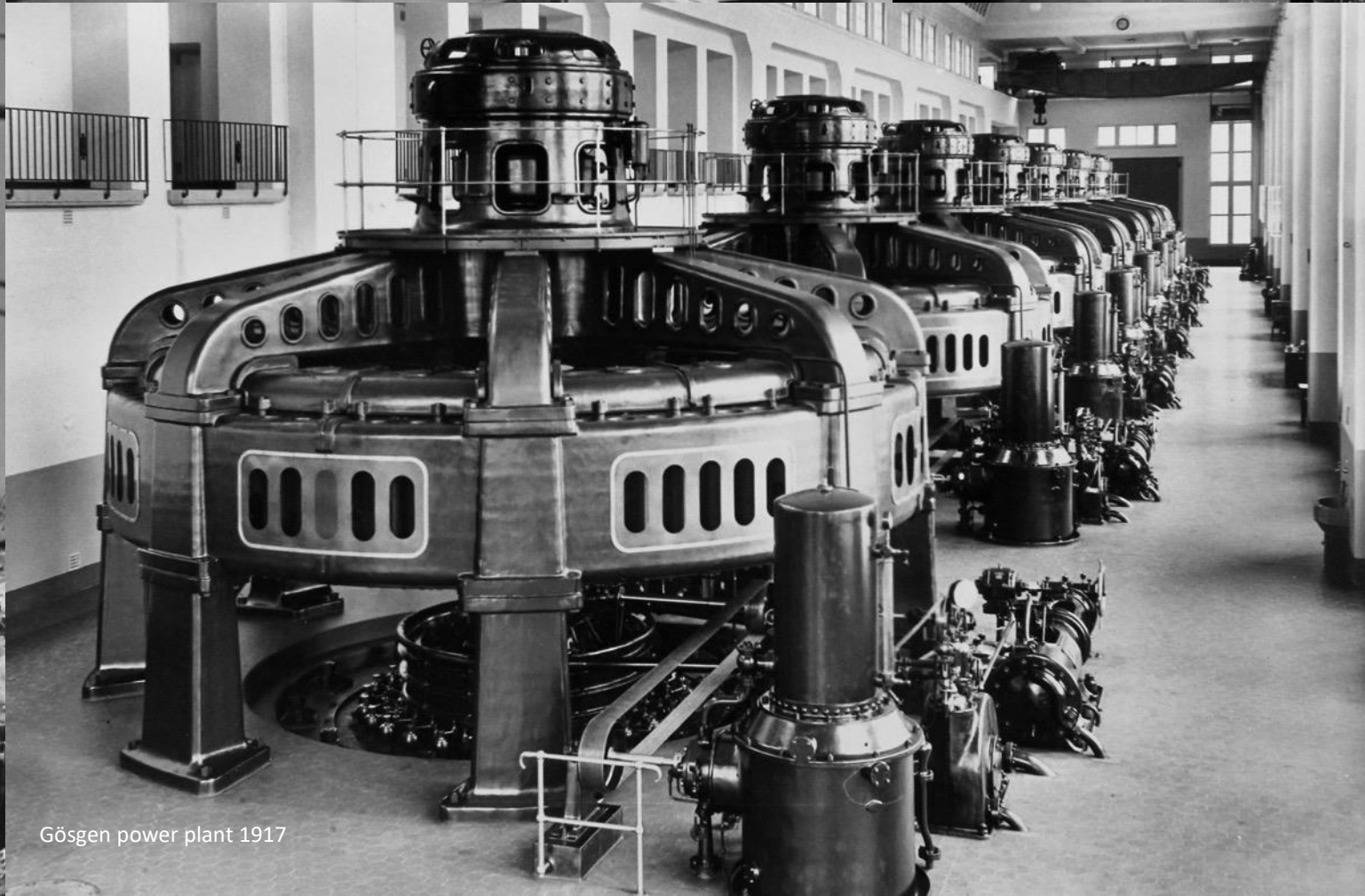
Salanfe 1949



Concluding a supply contract
with France 1952



Ruppoldingen power plant 1898



Gösgen power plant 1917

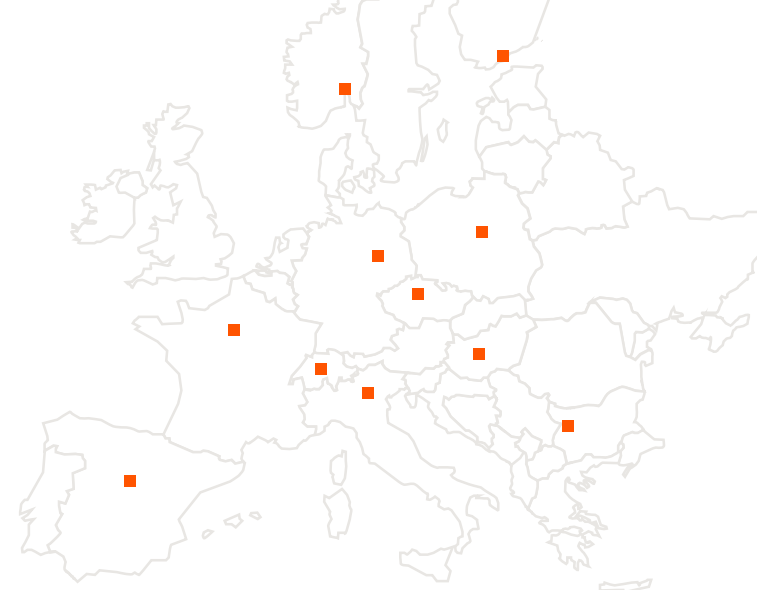
Alpiq today



Leader in asset,
portfolio and risk management

8.4

CHF billion
net revenue



European with Swiss roots



1221

Employees
56 nationalities



1.2

CHF billion
Operational EBITDA

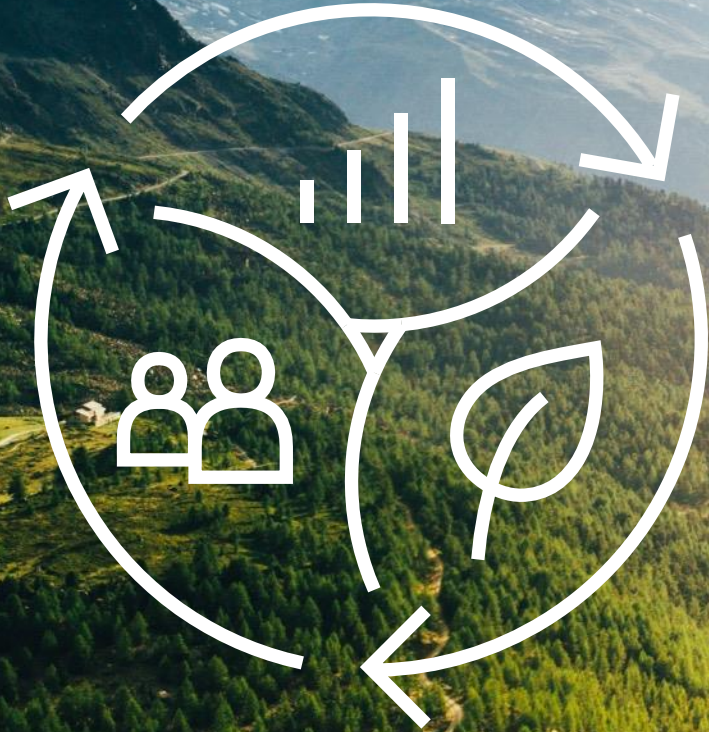


Headquarters in Lausanne

Our purpose

Our sustainable energy business contributes to a better climate and an improved security of supply.

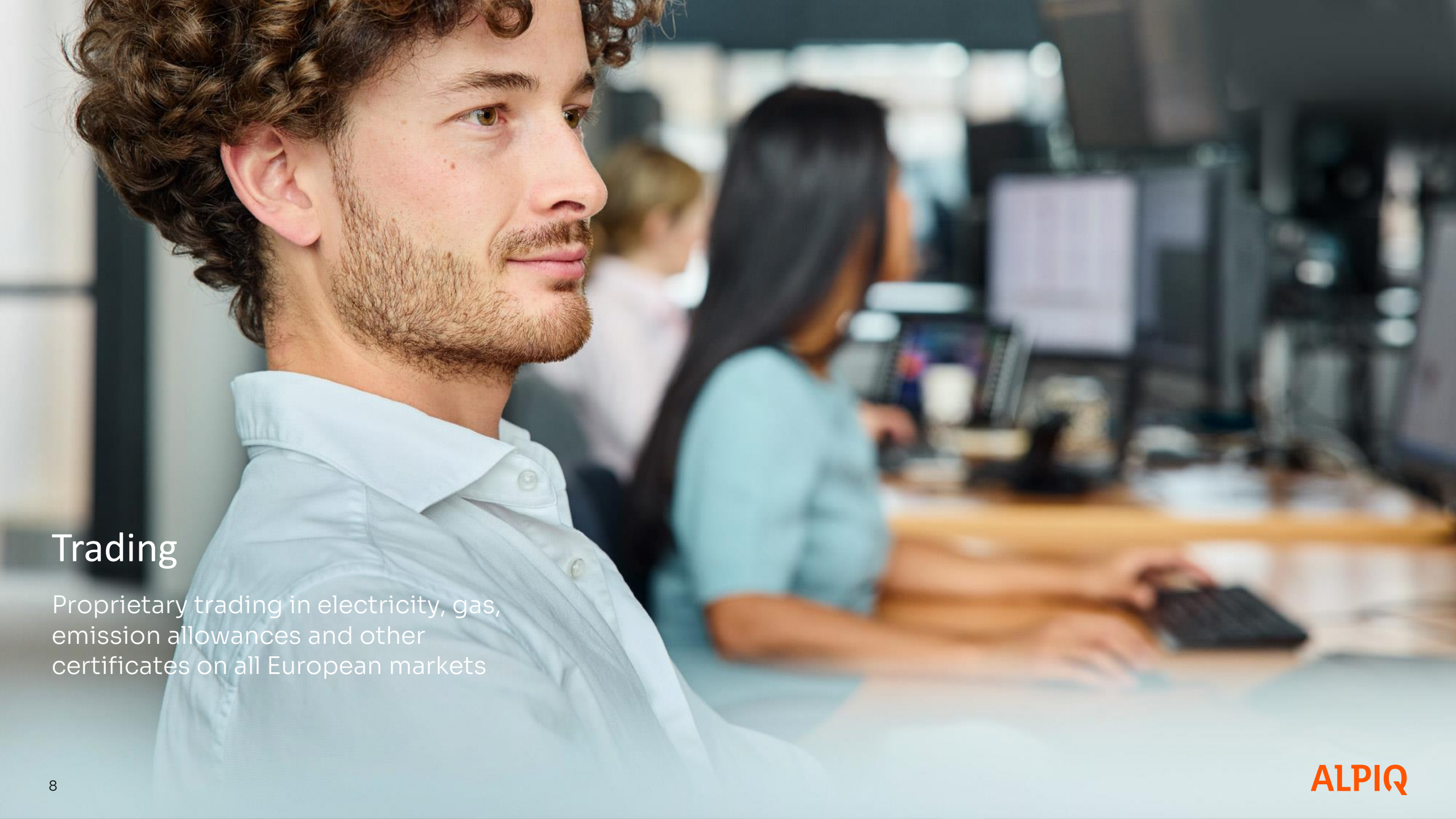
We are committed to achieving **net-zero carbon emissions** by 2040.



A person stands on a large, light-colored rock in the foreground, looking out over a calm lake. The lake's surface is perfectly still, reflecting the surrounding landscape. In the background, steep, rugged mountains rise from the water's edge. The mountains are covered in patches of green vegetation and snow, particularly in the higher, more sheltered areas. The sky is a clear, pale blue. The overall scene is peaceful and majestic, capturing a moment of solitude in a natural setting.

Assets

Power production in own power plants
and trading the power produced



Trading

Proprietary trading in electricity, gas, emission allowances and other certificates on all European markets



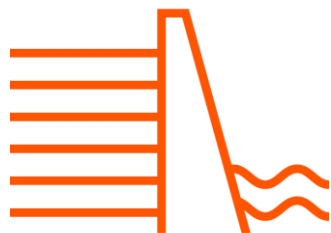
Origination

Reliable European
business partner for energy

2. Power generation



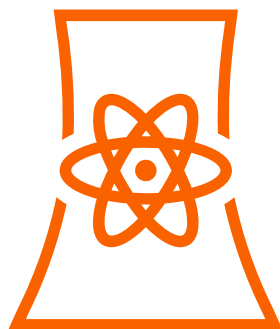
Our energy sources



Storage
hydropower



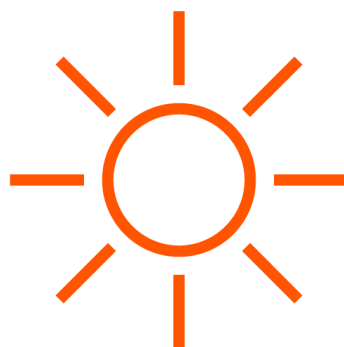
Run-of-river
hydropower



Nuclear



Wind



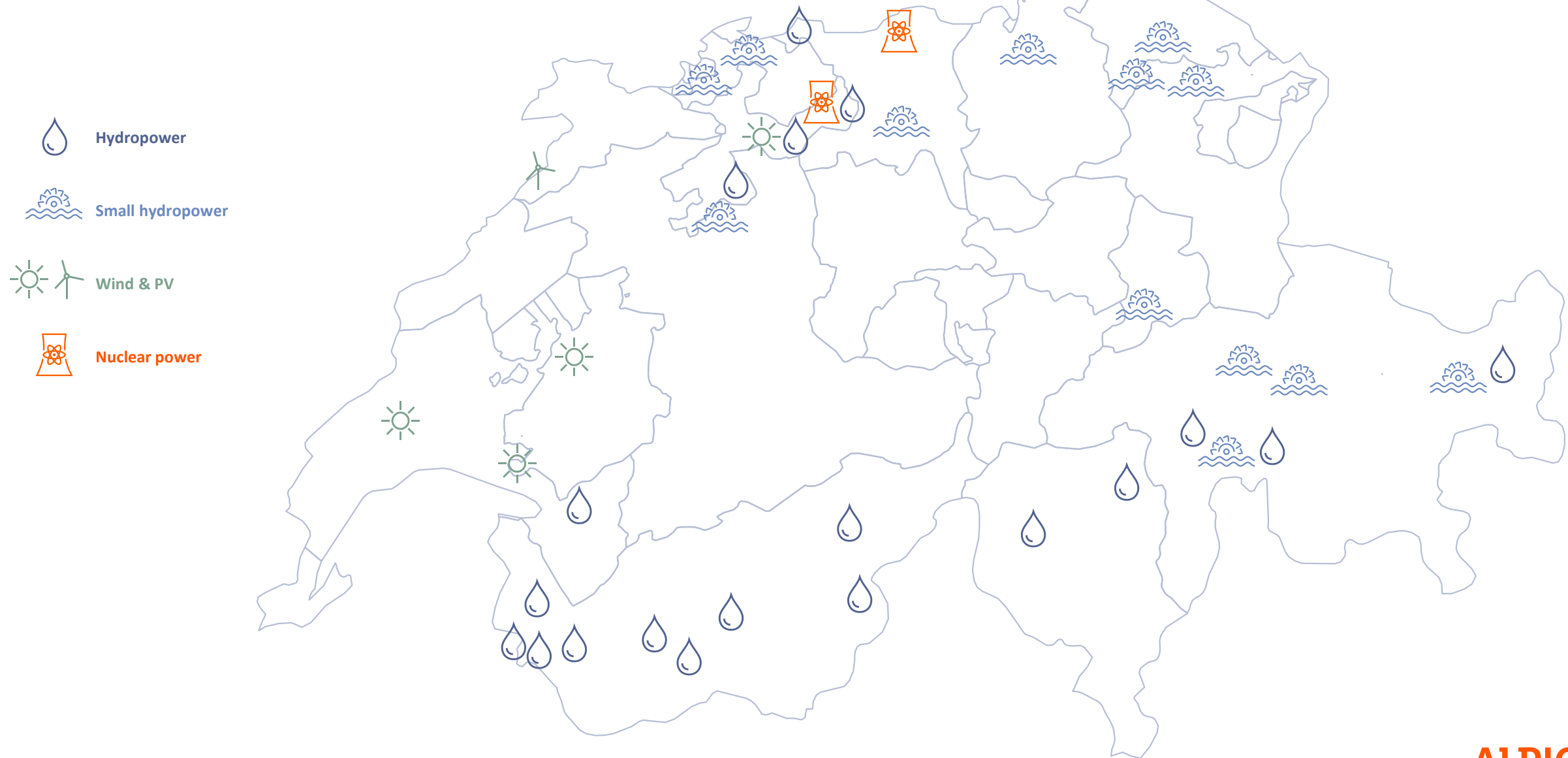
Photovoltaics



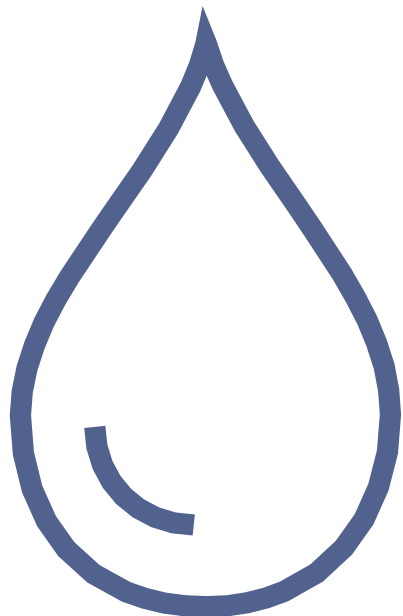
Gas



Power generation: Our power plants



Capacity driven by Hydropower



3,327 MW
Switzerland, Europe

58.1 %

Hydropower



1,308 MW
Europe

22.9 %

Gas



831 MW
Switzerland, Europe

14.5 %

Nuclear power



257 MW
Switzerland, Europe

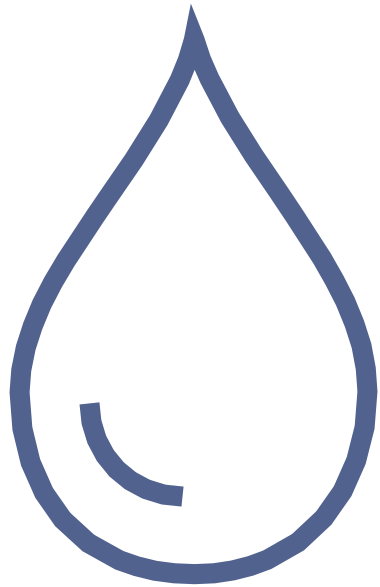
4.5 %

Small-scale
hydropower, wind,
photovoltaics

5'723
MW

Source:
Alpiq Annual Report
2023

Generation – Nuclear plays a key role for Alpiq



6,644 GWh

39 %

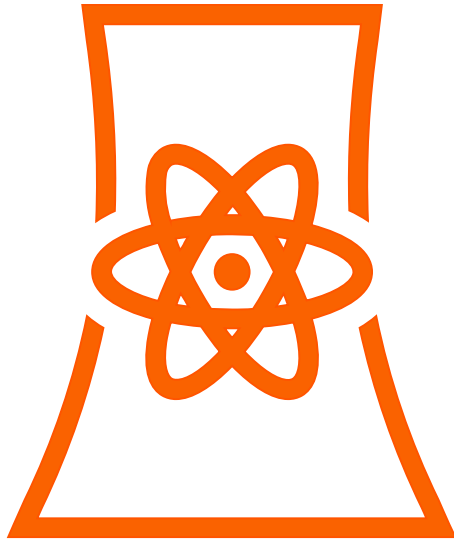
Hydropower



3,121 GWh

19 %

Gas



6,595 GWh

39 %

Nuclear power



481 GWh

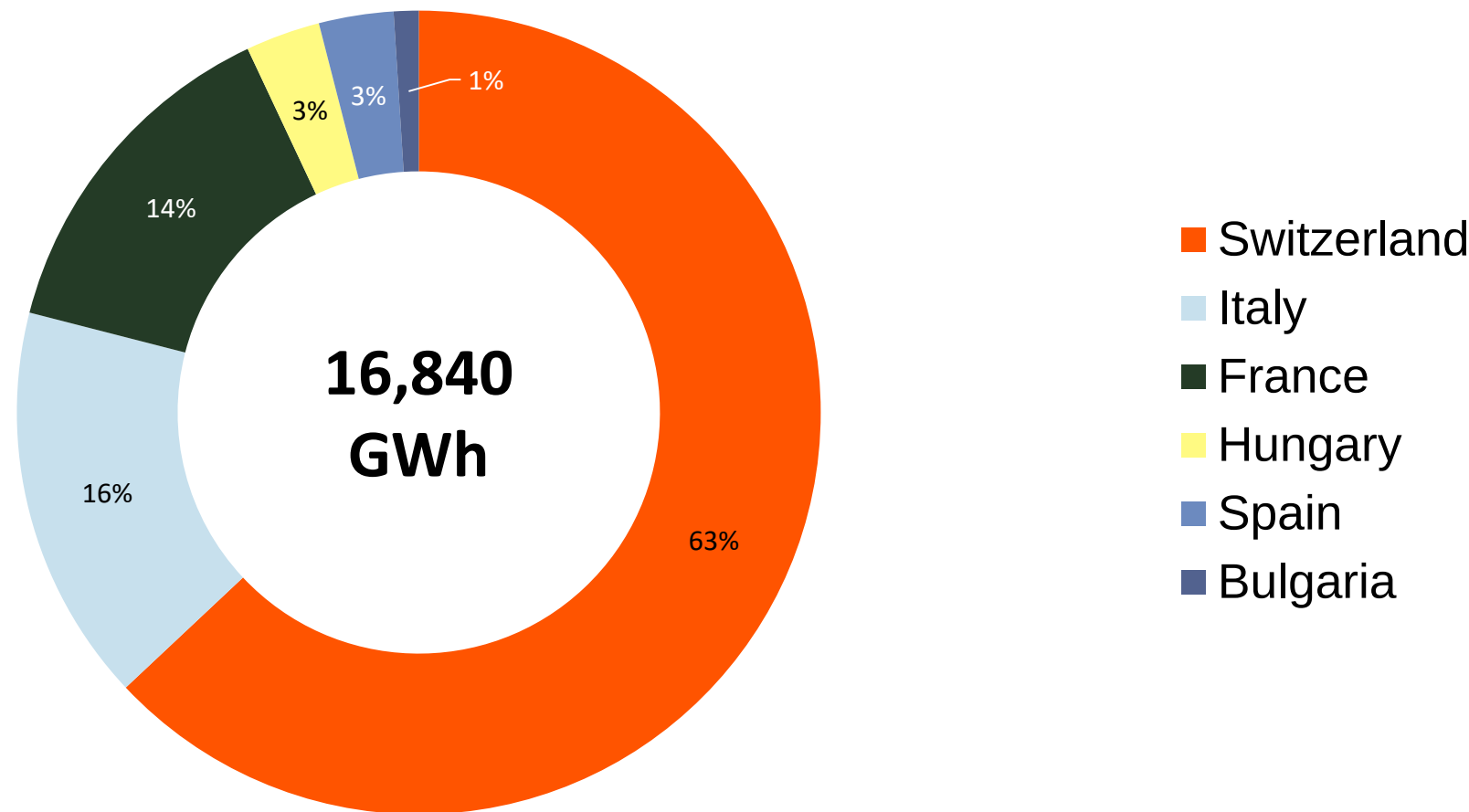
3 %

Small-scale
hydropower, wind,
photovoltaics

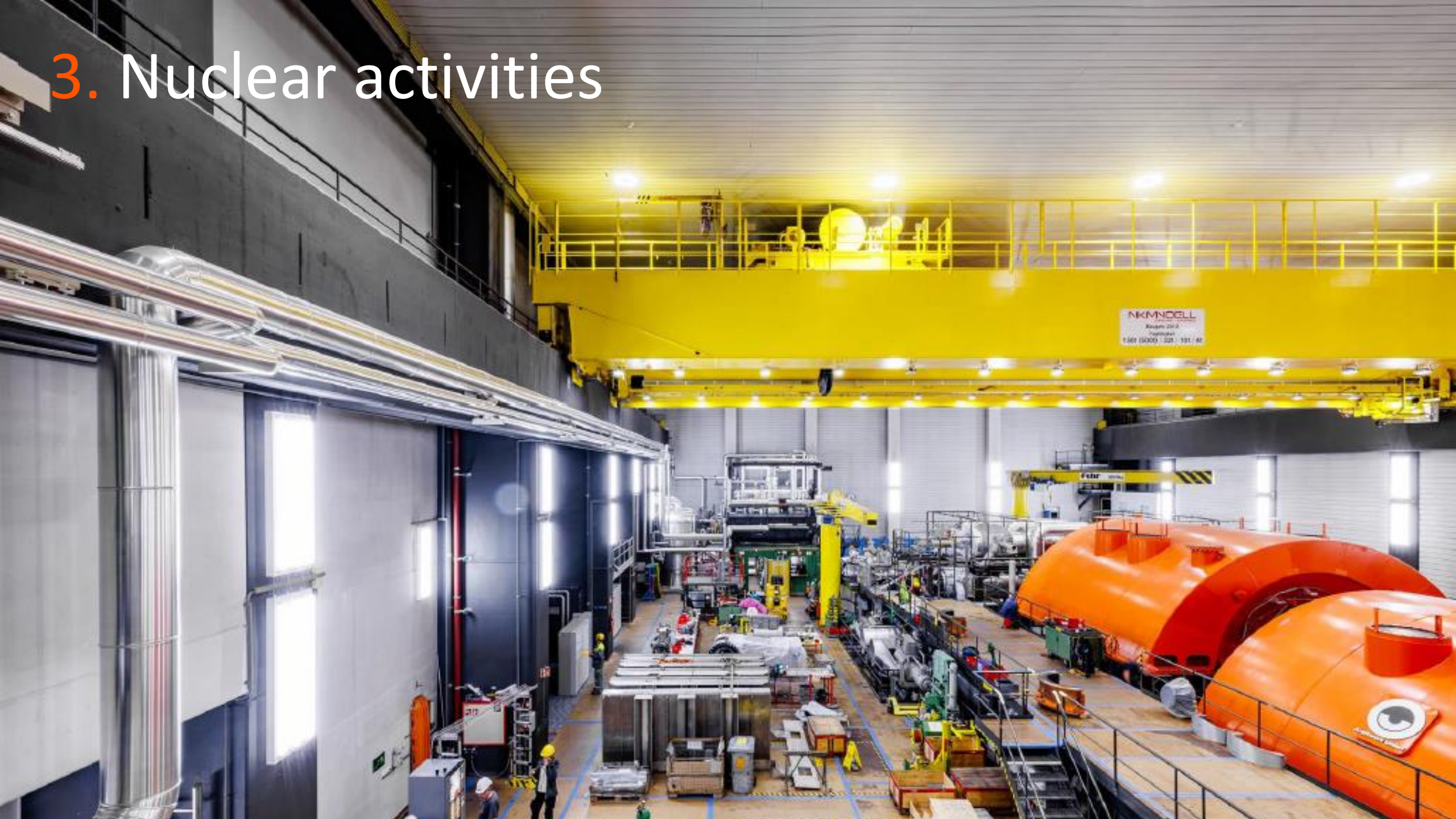
16'840 GWh

Source: Alpiq Annual Report 2023

Power generation by country



3. Nuclear activities



Alpiq nuclear power generation

Nuclear portfolio

6'596 GWh

>10% of Swiss electricity consumption



Kernkraftwerk Gösgen-Däniken (KKG)
1060 MW PWR / 40%
Net Generation Alpiq 2023: 3218.0 GWh
Alpiq is the Managing Partner



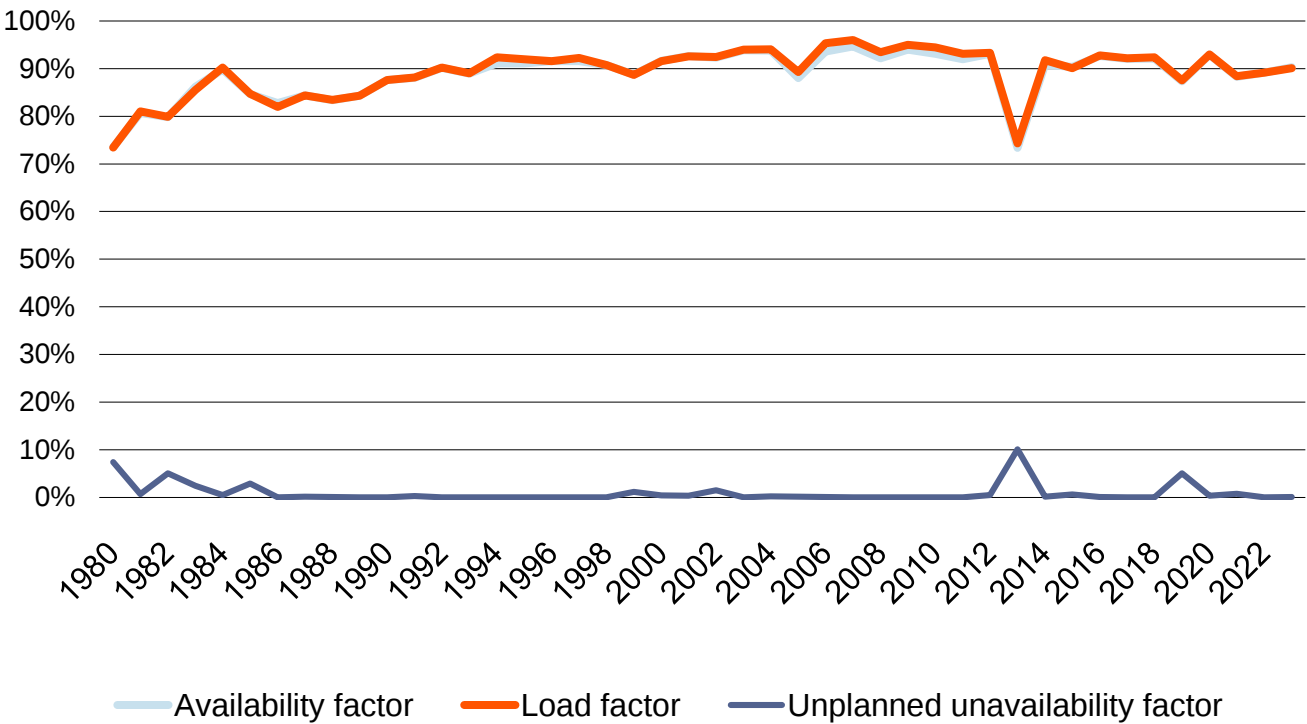
Kernkraftwerk Leibstadt (KKL)
1285 MW BWR / 27.4%
Net Generation Alpiq 2023: 2648.3 GWh



Centrales Nucléaires en Participation (CNP)
567 MW energy drawing rights / 33%
Alpiq share of CNP Cattenom Generation
2023: 729.7 GWh
Alpiq is the Managing Partner

KKG – key figures

Key performance indicators of KKG



1010 MWe

Net electrical output

13%

Share of Swiss electricity production

607

Employees

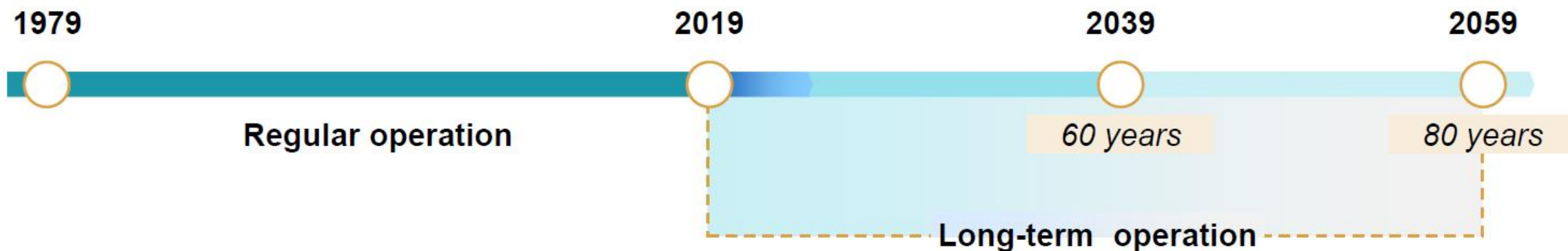
>89%

Average power availability over 45 years

Long Term Operation – a strategic project for Alpiq



The long-term operation is a
continuous focus
of KKG



4. Graduate Program



Graduate program - Key figures

18

Months

graduate program with permanent employment target

3

Assignments

of 6 months in a different teams

3

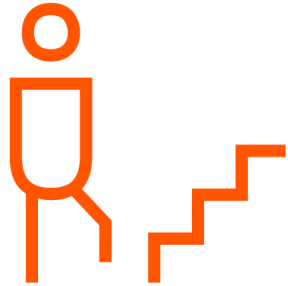
Guiding roles

A mentor, a line manager and a buddy supporting the graduate's career path

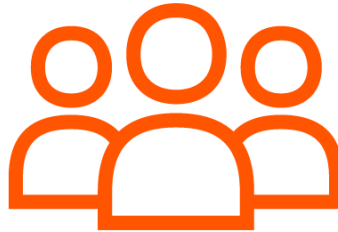
Graduate program - benefits



Individual
program design



On- and off-the-
job development



Three contacts
for guidance



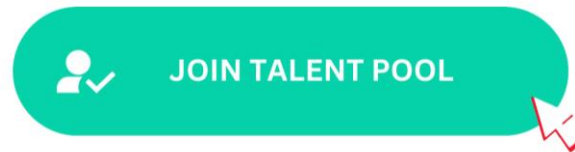
Attractive
compensation



International work
environment

Have a lunch with us to learn more about Alpiq!

CareerLunch



For a closer exchange, Alpiq is available on [Careerlunch.ch](https://careerlunch.ch)



Thank you!

Hugo Saraiva da Silva
ALPIQ AG
Ch. de Mornex 10
1003 Lausanne
Switzerland

+41 79 560 79 33
hugo.saraivadasilva@alpiq.com

ALPIQ

A woman with long brown hair, wearing a white quilted puffer jacket, stands on a metal balcony or bridge railing. She is looking out over a vast mountain landscape under a bright, low sun, creating a warm, golden glow and lens flare effects. The background shows steep, rocky mountains and a valley. The text "Do you have any questions?" is overlaid in white, with "questions?" in a bold font.

Do you have
any **questions?**