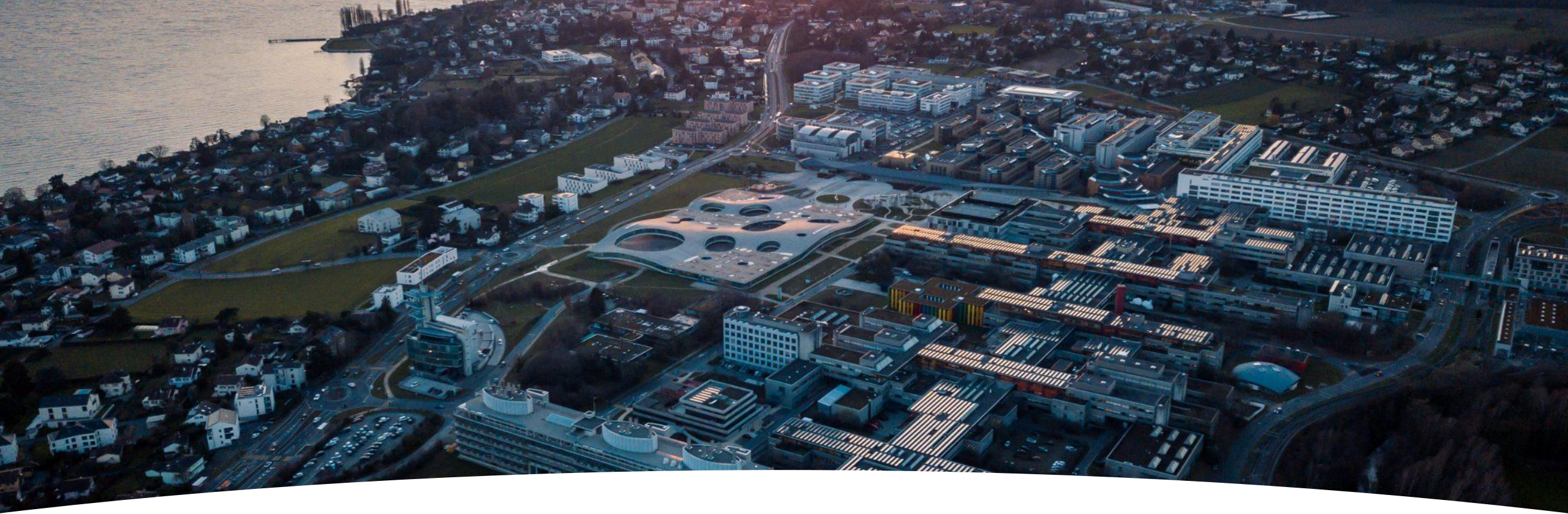




Axpo Power AG Nuclear Division

Chionis Dionysios (Axpo Power AG) | 19.11.2029 |
Swiss Nuclear Industry meets EPFL-NE Cohort 2024 | EPFL, Lausanne



My journey



Momentum change even in Switzerland

Switzerland moves to remove ban on new reactors

Thursday, 29 August 2024

The Swiss government has said it will seek to lift the country's ban on the construction of new nuclear power plants, which has been in place since 1 January 2018. It said all clean energy sources will be needed to meet expected electricity demand while also meeting climate targets.



Energy Minister Albert Rosti (centre) discussed the move to lift the ban at a press conference (

A Geneva startup wants to recycle nuclear waste into new energy

Nuclear energy startup Transmutex has developed a new reactor technology that it claims could reduce nuclear waste by as much as 80%. Swiss officials agree the calculations are plausible, but say the country's planned waste repository is still needed.

Jürg Meier

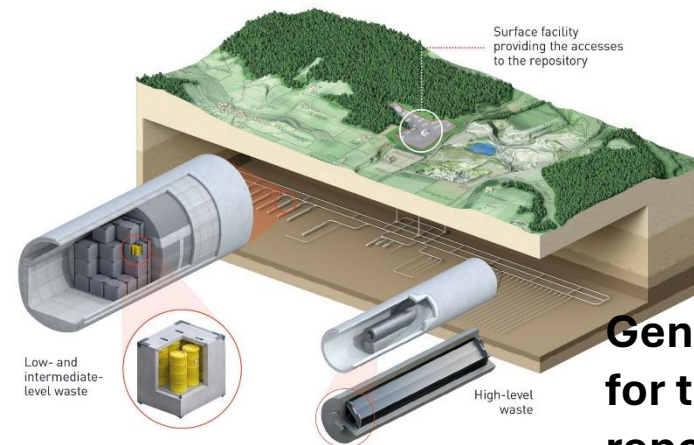
May 28, 2024 6 min

Switzerland / Nuclear Startup Unveils Compact Reactor 'Specifically For Data Centres'

By David Dalton

28 October 2024

Deep Atomic says MK60 will reduce costs and employment times as big tech turns to nuclear



General license application for the deep geological repository submitted on 19.11.24 by Nagra



The Power of Axpo



Axpo Group

Typically Swiss & truly international



Owners

9 cantons of north-eastern Switzerland



Reach

30+ Countries,
40+ Markets



Experience

100+ years



Adjusted EBIT

2.6 billion CHF



Employees

7000+



Energy produced

33.3 TWh

All figures Financial Year 2022/23

Many countries one Axpo

Power plants

100+

Capacity

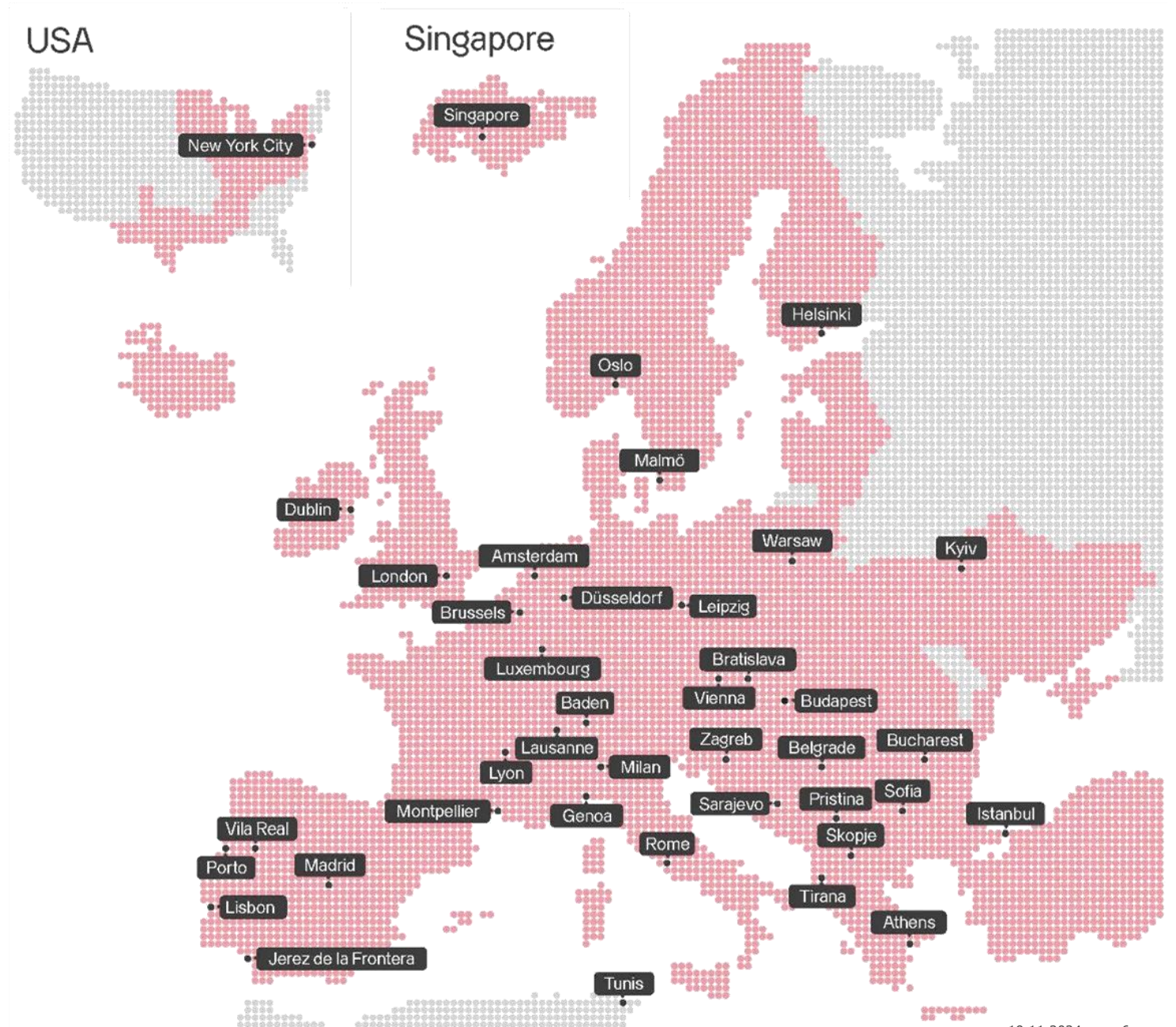
5GW+

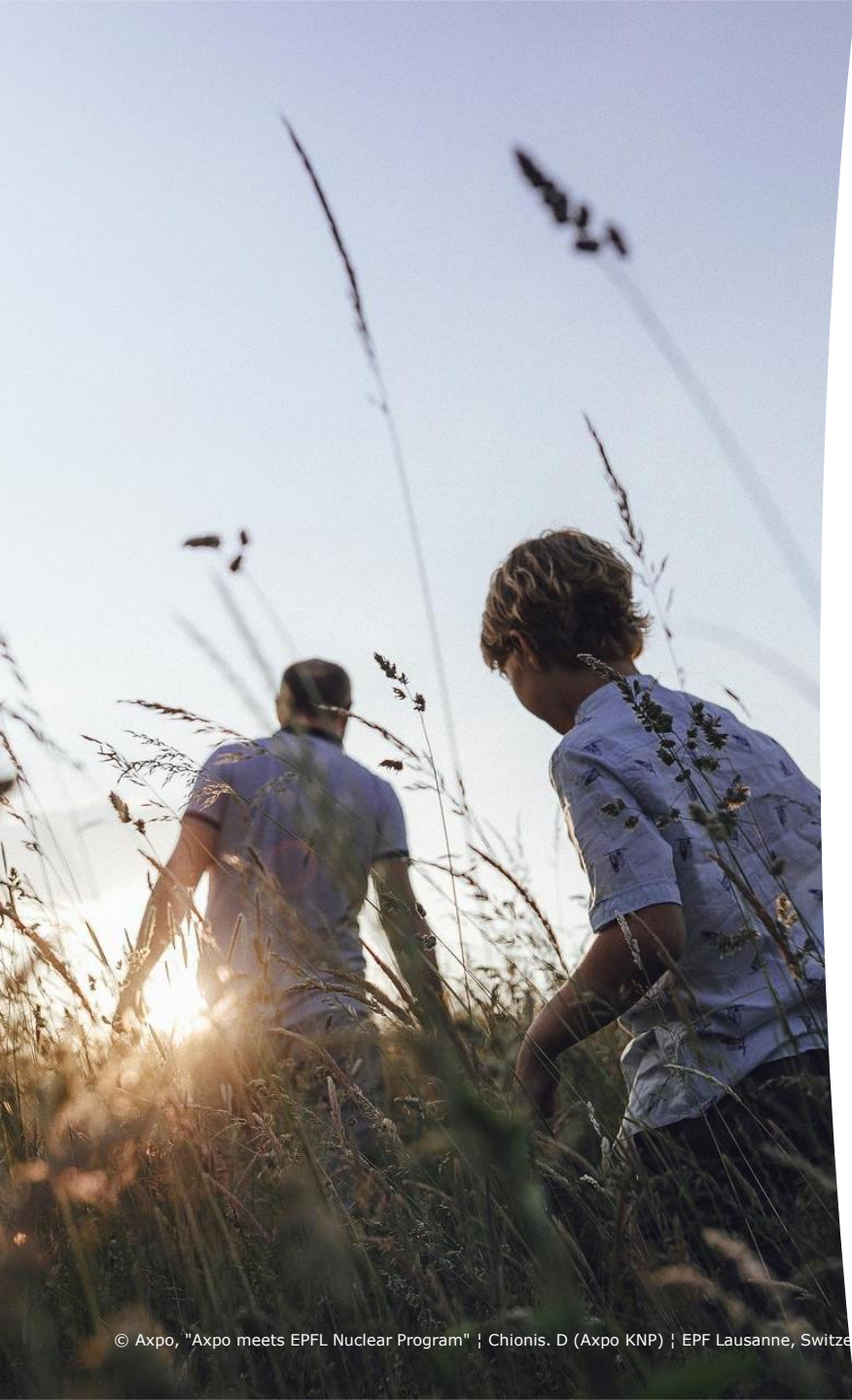
Portfolio

19GW+

PPAs

80 TWh+





Our purpose

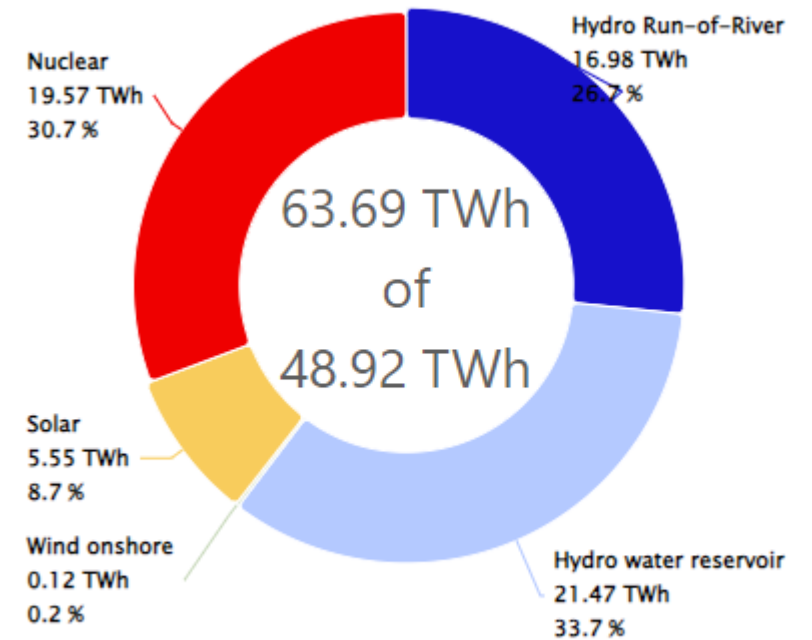
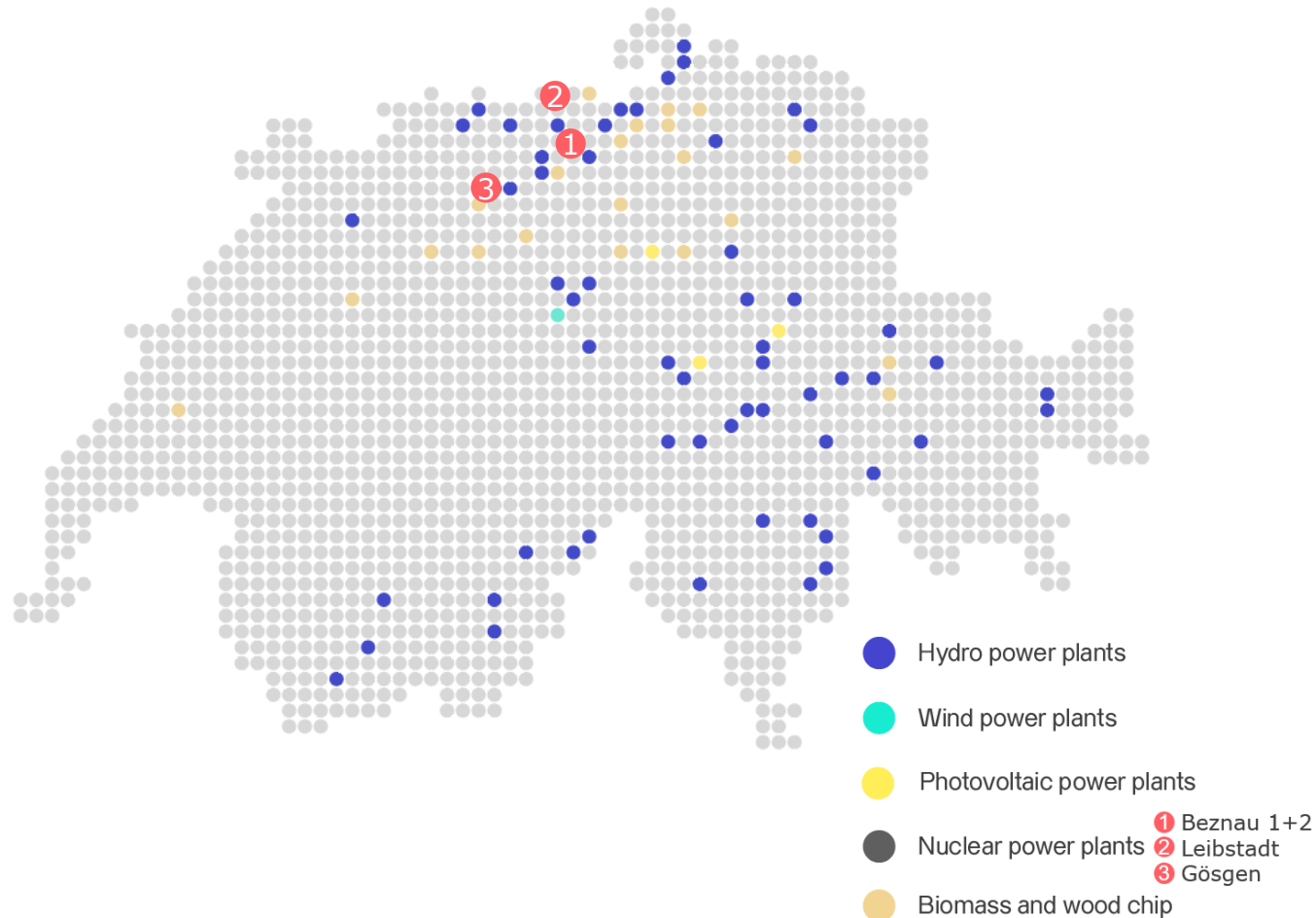
We enable a **sustainable future** by providing innovative energy solutions.

Our mission

Axpo plays a leading role in the transition towards a **carbon free society** by reliably supplying **clean and renewable energy**

We offer our employees **exciting and meaningful opportunities**

We are Switzerland's largest producer of sustainable energies



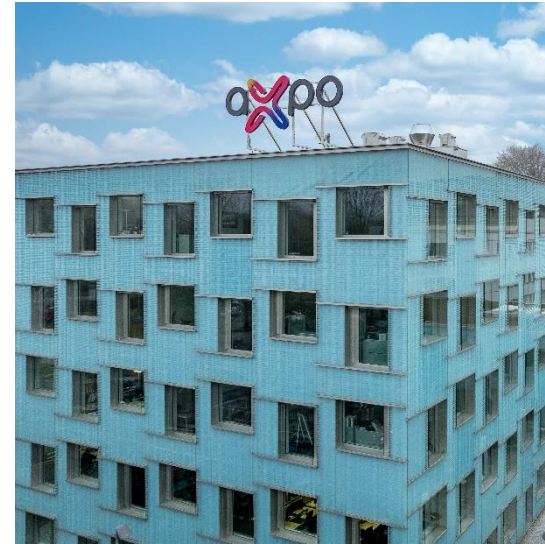
Axpo Nuclear: Great places to work



Beznau NPP



Leibstadt NPP



Axpo Group HQ



ZWILAG

A variety choice of workplaces



Reactor & Safety



Operations



Civil Engineering



Maintenance

Preparing for the future

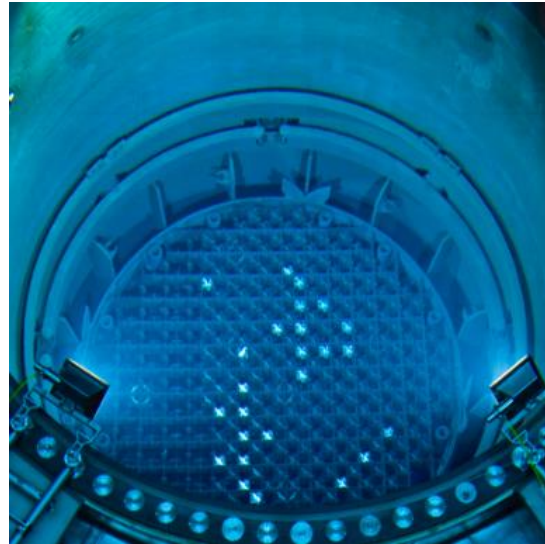


Axpo's nuclear fuel department



Front-end

- ☐ Fuel contracts
- ☐ Fuel assembly inspections
- ☐ Fuel delivery planning



Fuel Management

- ☐ Fuel designs' optimization
- ☐ Core loading optimization
- ☐ Fuel types' licensing
- ☐ Technical support to KKL/KKB
- ☐ In-house computational analyses
- ☐ Cask loading optimization



Back-end

- ☐ Spent fuel database
- ☐ Storage casks licensing
- ☐ Ageing management



Process Support

- ☐ Processes development and maintenance
- ☐ Quality assurance
- ☐ Uranium purchase
- ☐ Budgeting



The Power of Students



EPFL is our key talent pool



R. Dietler (Switzerland)
Leibstadt NPP
Head of operating
experience
Class '11



V. Ariu (Luxemburg)
Leibstadt NPP
Safety specialist
Class '14



B. Soubelet (France)
Beznau NPP
Head of reactor physics
Class '15



R. Pattupara (Austria)
Axpo HQ
Nuclear asset manager
Class '11



D. Chionis (Greece)
Axpo HQ
Head of nuclear physics
Class '14



L. Robers (Switzerland)
Axpo HQ
Fuel front end specialist
Class '16



P. Zvoncek (Slovakia)
Leibstadt NPP
Head of safety analyses
Class '12



L. Rossinelli (Switzerland)
Leibstadt NPP
Nuclear engineer
Class '14



G. Malavasi (Italy)
Axpo HQ
Core designer and methods
specialist
Class '21



R. Heierli (Switzerland)
Beznau NPP
Nuclear engineer
Class '13



K. Baur (Switzerland)
Beznau NPP
Head of reactor & safety
department
Class '15



A. Misitano (Italy)
Axpo HQ
Fuel back end specialist
Class '22



M. Morales (Spain)
Leibstadt NPP
Safety specialist
Class '15

Interns Cohort '23



Pierluigi



Daniele



Sofia



Victor



Léonard



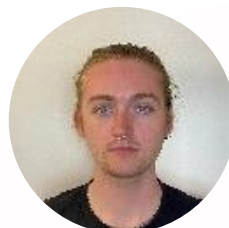
Sofia



Dino



Theodora



Pierre



Augustin





Interns Cohort '24



Like **you**, two years ago ... at **Axpo**, today



**Augustin
Pelletier**

from France
EPFL NE Class '24
Internship at KKL in
2023

**Probabilistic safety
analyst @ KKL since
Oct.'24**



**Léonard
Freyssinet**

from France
EPFL NE Class '24
Internship at KKL in
2023

**Nuclear safety
engineer @ KKL
since Oct.'24**



**Daniele
Timpano**

from Italy
EPFL NE Class '24
Internship at KKB in
2023

**PhD at EPFL/Axpo
since Nov.'24**



**Victor
Fournier**

from France
EPFL NE Class '24
Internship at Axpo in
2023

**Nuclear
engineering trainee
at Axpo since
Oct.'24**



**Pierluigi
Tagliabue**

from Italy
EPFL NE Class '24
Internship at Axpo in
2023

**Nuclear engineer at
Axpo since Nov.'24**

Axpo internship roadmap 2025

Collect proposals

31.01.25: Axpo centrally collects internship proposals from Beznau NPP, Leibstadt NPP, and Axpo HQs

Inform ETH students

14.02.25: Axpo internship projects online under Swissnuclear job platform

Application deadline

28.02.25: Students apply for Axpo internships

Selection day

Beg. Mar.'25: Interviews for all candidates at Axpo HQs in Baden AG



Internship period: July-Sept. 2024 (3 months)



Celebration event in Sept. 2024



All the best for your studies!

and stay in touch 😊

