

HYFLEXPOWER SPRING SCHOOL

31/05/2023, 9:30-17:30 EEST

The Laboratory of Steam Boilers and Thermal Plants (LSBTP) and the Laboratory of Thermal Processes (LTP) of the [School of Mechanical Engineering - NTUA](#) are hosting the **HYFLEXPOWER Spring School**.

HYdrogen as a FLEXible energy storage for a fully renewable European POWER system (HYFLEXPOWER) is an EU funded [#project](#) that aims to develop the world's first industrial Power-to-H2-to-Power unit with an advanced green hydrogen turbine in Saillat Sur Vienne France.

The [#workshop](#) will highlight:

- ◆ Green Hydrogen production through [#water](#) [#electrolysis](#).
- ◆ Green Hydrogen storage and [#utilisation](#) in [#cogeneration](#) [#plant](#).
- ◆ Advancements on an integrated Power-to- H2-to-Combined [#heat](#) and [#power](#) plant.
- ◆ Technoeconomic and environmental assessment of the HYFLEXPOWER concept.

Registration: <https://lnkd.in/dqYbPXEE>

HYFLEXPOWER 31/05/2023

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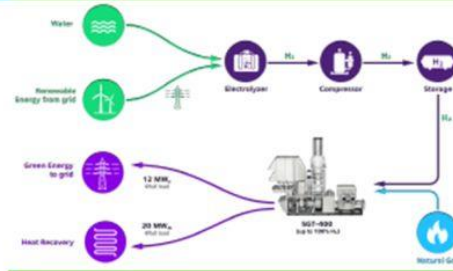

SCHOOL Multimedia Auditorium of the NTUA Library Building





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Hydrogen as a FLEXible energy storage for a fully renewable European POWER system (HYFLEXPOWER) is an EU funded project that aims to develop the world's first industrial Power-to-H₂-to-Power unit with an advanced green hydrogen turbine in Saillat Sur Vienne France.

The workshop will highlight:

- Green Hydrogen production through water electrolysis.
- Green Hydrogen storage and utilisation in Cogeneration Plant.
- Advancements on an integrated Power-to-H₂-to-Combined Heat and Power plant.
- Technoeconomic and environmental assessment of the HYFLEXPOWER concept.







Registration: Free to attend, subject to limited number of slots (number of participants up to 40).

Participation is open to undergraduate and post-graduate students, researchers and professionals of all levels, interested and/or active in the field of green H₂ production and utilisation. All presentations and discussions will be carried out in English.

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