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NPHyCo

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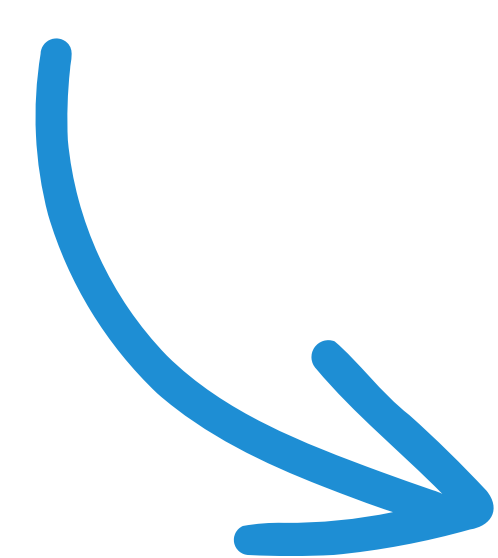
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NPHyCo Project

About NPHyCo

- NPHyCo is an EU research project dedicated to the production of hydrogen from nuclear power
- The project is funded by the EU's Euratom Research & Training programme (2021-2025) dedicated to nuclear research and innovation.
- NPHyCo kicked-off in the Autumn of 2022 and will run for two and a half years.
- It has a total budget of €2.4 million.
- Scan the QR code for more information!



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The Challenge

- The EU hopes to fully decarbonise its economy by 2050.
- One of the solutions being put forward is hydrogen. Nevertheless, to date most of the hydrogen produced in Europe comes from fossil fuels.
- So the question is how to ramp up the production of low-carbon hydrogen to ensure that enough is being produced – at an affordable cost – to meet the needs of hard to decarbonise sectors, such as industry?

Project Goals

- NPHyCo will focus on the potential for developing large scale, low-carbon, hydrogen production facilities linked to nuclear power plants.
- It will start by assessing the feasibility of producing hydrogen near an existing nuclear power plant as well as the added value of such project.
- Furthermore, it will look at potential locations where a pilot project could be implemented.

Partners

