



# STRUMAT - LTO

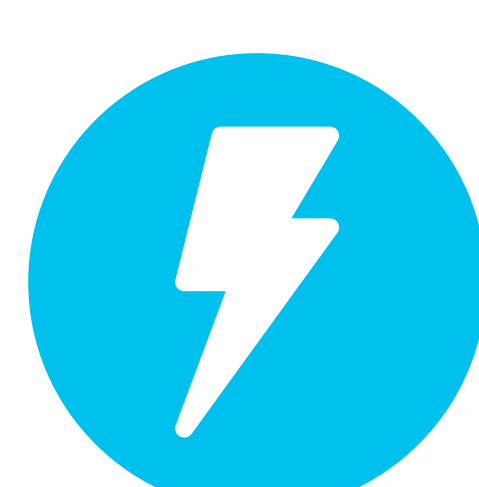
## STRUCTURAL MATERIALS FOR NUCLEAR SAFETY & LONGEVITY



STRUMAT-LTO aims to fill research gaps in nuclear reactor ageing mechanisms, specifically focusing on Reactor Pressure Vessel embrittlement, one of the main causes preventing the long term operation of nuclear reactors.



The project will assess and validate existing tools, and study the impact of different elements causing embrittlement to ensure safe long term operation, and in turn, improve the reliability and competitiveness of nuclear power plants.



Project results will prepare European decision makers for the lifetime extension of nuclear power plants beyond 60 years, and as a result, directly contribute to the energy transition and the achievement of decarbonisation targets.



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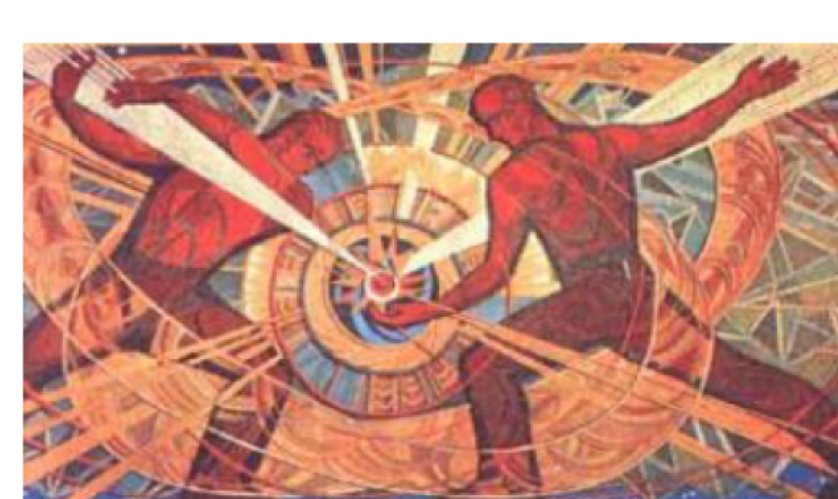
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This project has received funding from the Euratom research and training programme 2019-2020 under grant agreement No 945272. The content of this website reflects only the author's view. The European Commission is not responsible for any use that may be made of the information it contains.