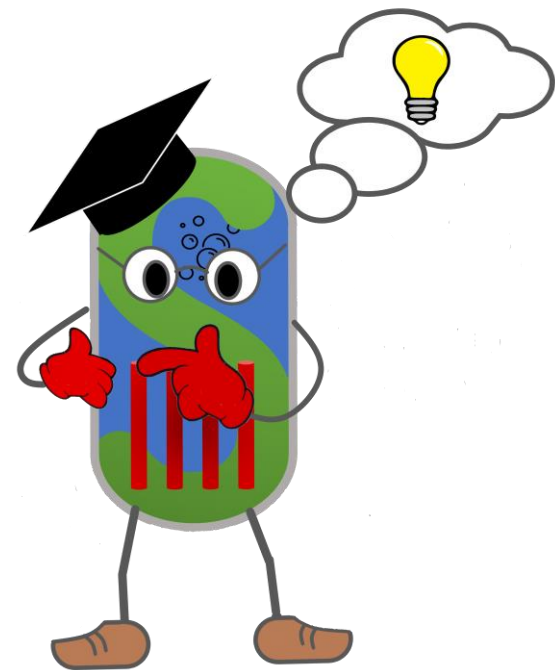




Fulvio Mascari

- ❑ SASPAM-SA (Safety Analysis of SMR with Passive Mitigation strategies - Severe Accident) project proposal has been funded in HORIZON-EURATOM-2021-NRT-01-01, “**Safety of operating nuclear power plants and research reactors**”.
- ❑ Key Objective of SASPAM-SA:
 - Investigate the applicability and transfer of the operating large-LWR reactor knowledge and know-how to the near-term deployment of integral PWR (iPWR), in the view of Severe Accident (SA) and Emergency Planning Zone (EPZ) European licensing analyses needs.
- ❑ Key Outcomes of SASPAM-SA :
 - To be supportive for the iPWR licensing process by bringing up key elements of the safety demonstration needed;
 - To speed up the licensing and siting process of iPWRs in Europe.



❑ Key Highlights:

- The applicability of large-LWR reactor knowledge and know-how to the near-term deployment iPWR, will be assessed and consolidated, in the view of SA and EPZ European licensing analyses needs;
- The research priorities will be identified in terms of methodology, code development and experimental needs;
- The knowledge gained can support Regulators in decision-making as well as Industry and TSOs in assessing the applicability of iPWR safety features.

- ❑ The project is coordinated by ENEA and twenty-three Organizations from fourteen Countries are involved: ENEA, CIEMAT, CNRS, EDF, FZJ, GRS, INRNE, IRSN, KIT, KTH, LEI, POLIMI, RATEN, RUB, SINTEC, SSTC-NRS, SURO, TRACTEBEL, TUS, UNIROMA1, VTT, PSI, JRC.

- ❑ Project Coordinator: Fulvio Mascari (ENEA), fulvio.mascari@enea.it



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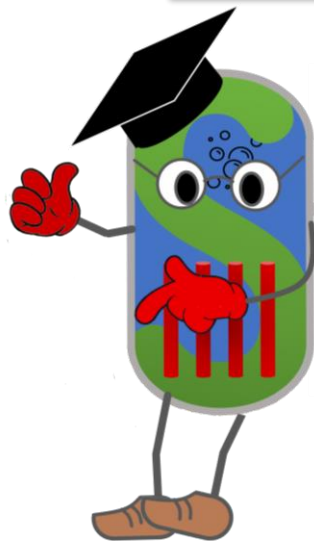
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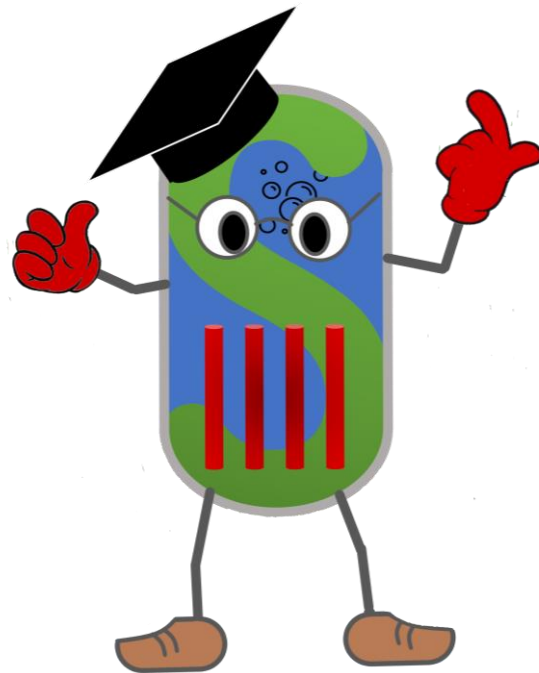
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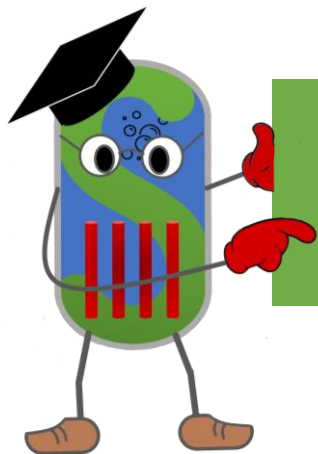


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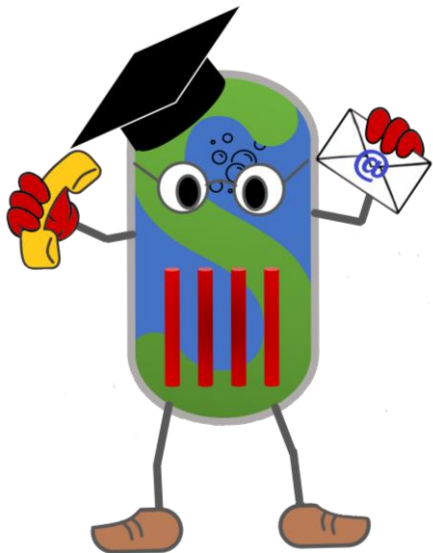


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