

**HSE1 - Circular economy strategies applied to the
decommissioning of current and future FPSO
Universidade de São Paulo**

Direct Link: <https://www.AcademicKeys.com/r?job=261255>

Downloaded On: Dec. 7, 2025 7:50am

Posted Aug. 19, 2025, set to expire Dec. 18, 2025

| | |
|-----------------------------|---|
| Job Title | HSE1 - Circular economy strategies applied to the decommissioning of current and future FPSO |
| Department | Departamento de Engenharia de Produção https://ppgen.poli.usp.br/ |
| Institution | Universidade de São Paulo São Paulo, , Brazil |
| Date Posted | Aug. 19, 2025 |
| Application Deadline | Open until filled |
| Position Start Date | Sep. 2, 2025 |
| Job Categories | Post-Doc |
| Academic Field(s) | Industrial & Systems Engineering |
| Job Website | https://www.linkedin.com/company/otic-offshore-technology-innovation-center/ |
| Apply By Email | otic.jobs@usp.br |

Job Description

The project aims to define and implement circular decommissioning strategies focused on the most common FPSO platforms in Brazil. Different circular approaches will be identified and evaluated to maximize value opportunities within the internal cycle. A Virtual Decommissioning System will be developed, integrated with a Digital Twin of the FPSO platform, including a full inventory of facilities, equipment, and all technical and operational aspects.

The postdoctoral research focuses on developing an offshore circularity index and conducting environmental and social life cycle assessments (LCA) of FPSO platforms, particularly the FPSO Espírito Santo, which will serve as a pilot project for circular decommissioning. The study will be based on the FPSO inventory (Work Package WP3), covering topside, subsea, and reverse logistics. LCA will

HSE1 - Circular economy strategies applied to the
decommissioning of current and future FPSO
Universidade de São Paulo

Direct Link: <https://www.AcademicKeys.com/r?job=261255>

Downloaded On: Dec. 7, 2025 7:50am

Posted Aug. 19, 2025, set to expire Dec. 18, 2025

be performed using widely adopted tools like SimaPro. This research will also support other project work packages, including the development of a gamified virtual model and a circular design framework. The system will be applied to Shell's FPSO Espírito Santo platform.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Offshore Technology Innovation Centre - OTIC
Departamento De Engenharia De Produção
Universidade De São Paulo
Avenida Prof. Mello Moraes, 2231
São Paulo 05508-030
Brazil

Phone Number +55 11 30911701

Contact E-mail otic.jobs@usp.br