# Professor / Assistant Professor (Tenure Track) of Sustainability in Mechanical and Process Engineering
# ETH Zurich



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| **Job Title** | Professor / Assistant Professor (Tenure Track) of Sustainability in Mechanical and Process Engineering |
| **Department** | Department of Mechanical and Process Engineering<br>https://www.mavt.ethz.ch |
| **Institution** | ETH Zurich<br>Zurich, , Switzerland |
| **Date Posted** | Jul. 7, 2025 |
| **Application Deadline** | Sep. 15, 2025 |
| **Position Start Date** | Available immediately |
| **Job Categories** | Assistant Professor<br>Professor |
| **Academic Field(s)** | Sustainable Engineering<br>Mechanical Engineering |
| **Job Website** | https://ethz.ch/de/die-eth-zuerich/arbeiten-lehren-forschen/faculty/faculty-affairs/ausgeschriebene-professuren/ingenieurwissenschaften/vp-aptt-sustainability-in-mechanical-and-process-engineering.html |
| **Apply Online Here** | https://ethz.ch/de/die-eth-zuerich/arbeiten-lehren-forschen/faculty/faculty-affairs/ausgeschriebene-professuren/ingenieurwissenschaften/vp-aptt-sustainability-in-mechanical-and-process-engineering.html |
| **Apply By Email** | |

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**Job Description**

The Department of Mechanical and Process Engineering (www.mavt.ethz.ch) at ETH Zurich invites applications for the above-mentioned position.

The new professor is expected to establish an ambitious, world-class research program in the field of sustainable engineering. We encourage applications from outstanding candidates with visible expertise in this broad field which ranges from sustainable materials engineering to green manufacturing. Successful candidates must demonstrate an excellent international record of research accomplishments with application to mechanical/aerospace structures and shall be able to leverage this knowledge to solve important engineering challenges such as designing consumer products with sustainable and durable materials, developing lightweight, robust and resilient structures, and conceiving energy-efficient, environmentally friendly, and low-waste manufacturing processes. Specific areas of research may include (but are not limited to): (i) engineering with composite materials emphasizing regenerative and sustainable solutions including natural, biodegradable, and recyclable materials as well as embedded multifunctionality at different scales; (ii) sustainable and circular engineering design at all levels from components to engineering systems; (iii) manufacturing process design with the goal of reducing energy consumption, CO2 emissions and non-reusable waste during the full product life-cycle. Candidates taking an experimental approach offering hands-on learning experiences for our students are highly encouraged to apply.

Successful candidates should hold a PhD degree or equivalent in engineering and have an outstanding international record of accomplishments in research on the above topics. Further, a strong motivation and indisputable commitment to teaching is expected. In general, at ETH Zurich undergraduate level courses are taught in German or English and graduate level courses are taught in English.

ETH Zurich implements a tenure track system equivalent to that of other top international universities. The level of the appointment will depend on the successful candidate's qualifications.

**Please apply online: www.facultyaffairs.ethz.ch**

Applications should include a curriculum vitae, a list of publications and projects, a statement of future research and teaching interests, a description of the leadership philosophy, three key publications, a description of the three most important achievements, and a certificate of the highest degree. The letter of application should be addressed **to the President of ETH Zurich, Prof. Dr. Joël Mesot. The closing date for applications is 15 September 2025**.

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## EEO/AA Policy

ETH Zurich is an equal opportunity and family-friendly employer, values diversity, and is responsive to the needs of dual-career couples.

## Contact Information

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

### Contact

Switzerland