

Teaching Factories

Green
Manufacturing

2022
Competition



Co-funded by the
European Union

Why this Initiative?

A **lighthouse Initiative** of EIT Manufacturing Education for 2022 aiming at:

- Promoting the use of the Teaching Factories educational methodology
- Giving **visibility** to the **benefits** of **academia-business collaborations** in a context of manufacturing innovation and **challenge-based learning**



What are Teaching Factories?

*“Two-way street”, where from the **factory**, **practitioners** teach **students** and from the **classroom**, students and faculty teach practitioners. This two-way street is realized via internet and is a continuous process over a lengthier period of time, with regular sessions and **continuous interaction** between the factory and the classroom.*

[Rentzos et al. 2015]



We look for industrial Green Manufacturing Challenges

Improving efficiency in manufacturing processes
De- and re-manufacturing
Zero-waste manufacturing
Closing material loops
Reduce costs and increase profitability
Improve energy and material intensive production processes
Increase the lifetime of products

...

Who can participate?



Call for challenges and solver teams is open!

Call for Organizations



Open call (for EITM members and non-members)

“Green Manufacturing” thematic

5 Challenges to be selected

Mentoring to the students

Funding available
15k€ for each selected challenge



Increased **visibility**
through EITM Network

Call for Universities / VET Schools

Open EoI call (for EITM members
and non-members)

Solver teams of 5 members

Deliverables + Pitching session

Awards to the best
performing Solver Teams
9k€ in prizes for the best teams

Increased **visibility**
through EITM Network



Key dates for participating



CALL DEADLINES

Companies: **30** March 2022
Universities/VET: **6** April 2022

both closing at 12:00 p.m. CET

Key dates for participating



Call closing | Companies: **30 March**
Universities/VET: **6 April**



Challenges selected and Solver Teams working by mid April



Kick-off event: 28th of April (online)



Results delivery: end of June 2022



Award ceremony: October 2022 (tbc)



How can you apply?



ONLINE APPLICATION PROCESS

Submittable

<https://eitmanufacturing.submittable.com/>



Teaching Factories Competition on Green
Manufacturing (Companies)

Ends on March 30, 2022

Guidelines ▾

Submit

Teaching Factories Competition on Green
Manufacturing (Universities/VET)

Ends on April 6, 2022

Guidelines ▾

Submit

You need to **create a submittable account**
for filling up the application form

How can you apply?



Register in submittable for completing the online form



Having a PIC Number is mandatory

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/participant-register>



Fill the form with organisation data and answer to the open questions



Additional supporting information can be provided (not mandatory)



You have limitation of characters in each section, so be brief and concise!



Links for more information



[Teaching Factories Competition Website](#)



[Call text for companies](#)



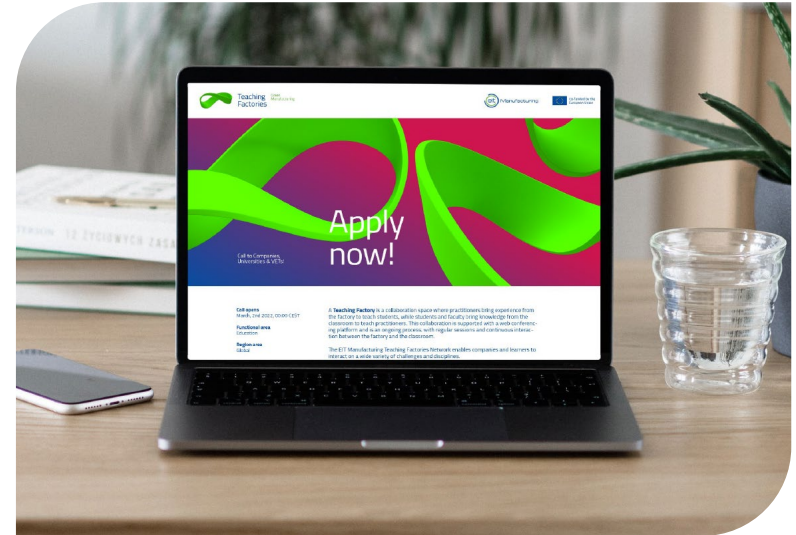
[Call text for Universities / VET Schools](#)



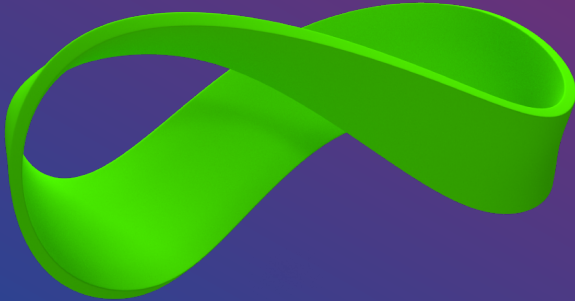
[Application forms](#)



[**tfcompetition@eitmanufacturing.eu**](mailto:tfcompetition@eitmanufacturing.eu)



Ready to take part?
APPLY NOW!!



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