

Title of the Challenge

Escape from Carbonia: Science Escape Room for Street Festivals

What is the main issue the challenge addresses?

We aim to bring cutting-edge research on renewable energies from the labs of the e-conversion Cluster of Excellence to the streets of Munich.

Our new science communication format at TUM, a science escape room themed "Escape from Carbonia" engages participants in an interactive game to better understand the potentials of sustainable energy technologies and the relevance of fundamental research in combating climate change.

Call to Action

What ideas can you come up with to turn our game into an engaging science experience?

We need your creativity and innovation to design puzzles that will challenge players to "Escape from Carbonia."

How would you build an interactive model or experiment about catalysis, semiconductors or artificial photosynthesis for our pop-up lab in the street, all set within a captivating science fiction narrative? Can you think of a way to integrate AI into the game in order to bring it to life?

We are looking for working prototypes that will enhance our preliminary version of the game. Your ideas will debut at Munich Street festivals in 2025.

This is your chance to make an impact on science communication and to enhance connections between the public and energy technologies for a sustainable future.

What is the desired impact of the challenge?

Your contribution will help innovate science communication at TUM by creating a new interactive public engagement format and to bring science and the public closer together.

Documenting the results in the form of a manual or toolkit will ensure that this new format can be applied in other contexts or fields of science in the future.

Related SDGs



Who is behind this challenge?

The science communication project "Escape from Carbonia" is a joint initiative of e-conversion Cluster of Excellence / TUM Sustainability Office – Green Office Munich / Corporate Communications Center.