

TIER challenge

Introduction to the challenge

Here at TIER, our mission is to change mobility for good in urban areas and provide alternative means of transportation next to public transport and cars. Many of our customers choose micro mobility for moving around cities, especially while traveling abroad. We want to tap into the excitement of exploring new cities and cultures and enable our customers to pick a sustainable way to do so. We envision a platform where local hosts can design amazing experiences that our customers can hop onto.

What if the TIER app would support guided tours and trips to get around a city for sightseeing?

Please feel free to dream big; here are some of our inspirations:

- We think Airbnb nailed it with its [Experiences](#) section.
- Exploration is way more fun with friends. Consider riding with a pack (group rides).
- TripAdvisor is an excellent platform with a ton of content and has a [public API](#). Get a head start and pull in points of interest automatically.
- Pokemon GO inspires millions of people to leave their apartments and hit the road every day. We think this is due to their carefully crafted gamification system.
- Competition is part of human nature. What if you can invite your friends for a little challenge?

Who we are

As the world's leading, fully climate-neutral micro-mobility provider, operating in 170+ cities across Europe and the Middle East, TIER's mission is to change mobility for good

and to lead the way towards seamless and sustainable mobility - joyful for everyone. Together with cities and partner organizations, we are rethinking urban transportation by offering easy, accessible and affordable mobility services for all.

The Budapest Tech Hub is one of TIER's biggest developer hubs, with 30+ developers and designers, and with a buzzing HQ in the heart of the city.

Are you up for the challenge? We'd love for you to join the ride!

What we will provide

Some of our engineers from the TIER Budapest Tech Hub will join you to geek around and support you. We are passionate about everything technology and would be happy to challenge your ideas but also roll up our sleeves and give you a hand. Besides some wisdom, we will do our best to deploy some of our vehicles on the ground so that you can give them a test drive.

Implementation and technology

There are no constraints on what pieces of technology you have to use. We feel most at home while hacking in Typescript, Kotlin, Python, and Swift, but we consider a programming language a tool in a toolbox, so please feel free to bring whatever makes you fast. Leveraging third parties will give you a head start, so we highly encourage you to wire together instead of building everything from scratch. It will highly depend on your idea, but Mapbox, Retool, Firebase, Google Workspace, Sanity Studio, etc., can save you precious time. Keep in mind that no code is the best code!

Judging criteria

We value outcome over output! A piece of software is as good as the problem that it solves. We are engineers who developed a good sense of aesthetics for code quality, but ultimately we will judge the product that you build.

Aspects of judging the solutions (same as the defaults):

- innovativeness
- impact/value
- sustainability
- feasibility
- prototype
- presentation

Prizes

The winning team of the challenge will be awarded with **2,000 €**, TIER minutes and unlocks, and a spot to give a talk at one of our regular meetups, which are an essential and renowned part of the Budapest Kotlin community.