

Use these as example prompts to draw inspiration and design your solution.

There are many ways of tackling the broad field prompt of transport/mobility. This is really an open-ended prompt, and we encourage creativity. For example, deep tech solutions regarding new rockets, hovertrains or renewable energy are as welcome as ideas about how to increase comfort/decrease overcrowding on public transport. This can include solutions encouraging the widespread adoption of remote work, or even to assist those with mobility-related health issues. The possibilities are limitless! These solutions can come from many different areas of expertise and background - be creative, and have some fun!

### *Futuristic Transport*

1. **Magnetic Levitation Retrofit:** Launch a startup that specialises in retrofitting existing rail infrastructure with maglev technology. This approach reduces the need for entirely new infrastructure, making high-speed transportation upgrades more feasible and cost-effective.
2. **Interplanetary Mobility:** Imagine and create solutions for future interplanetary travel, addressing the unique challenges of space exploration and developing technologies to make sustainable, efficient, and safe travel beyond Earth's atmosphere a reality.
3. **Flying Cars:** Self-explanatory - be the new Tesla!
4. **Robot Food Delivery:** Already being tested, look it up! Develop robotic systems capable of efficiently navigating busy city streets, apartment complexes, and office buildings to deliver take-away.
5. **Commuter Submarines:** Create a startup that provides a commuter service using submersible vehicles for people living on coastal islands/tourists/ferry alternatives

### *Improving Public Transport*

1. **Urban Hyperloop Bullet Shuttle Service:** Develop a startup that focuses on implementing short-distance hyperloop routes within urban areas, providing a fast and efficient alternative for daily commuting.
2. **AI for Public Transport:** Develop a system that utilises real-time data, predictive analytics, and user feedback to optimise the efficiency and reliability of public transportation services, making them more responsive to the needs of commuters.
3. **Last-Mile Connectivity:** Create an innovative solution that addresses the last-mile challenge in transportation, ensuring convenient and sustainable connectivity from transportation hubs to final destinations.
4. **Inclusive Public Transport Design:** Propose solutions that enhance the inclusivity of public transportation, considering accessibility for individuals with disabilities, seniors, and other underserved populations, to create a more equitable and user-friendly transport system. This might include socially anxious people who just can't face the everyday transport crowds - how would you design public transport for increased privacy??

### *Sustainable Energy*

1. **Geothermal-Powered Trains:** Explore the concept of geothermal-powered trains for long-distance travel.

2. **Smart Wind-Powered Car Chargers:** Develop an innovative solution that combines electric vehicle charging stations with small-scale wind turbines. Install these smart charging stations in urban areas to harness wind energy for electric vehicle charging.
3. **Bioelectricity generation:** Create a biological solution to the problem of electricity generation.
4. **Next-gen battery technology:** Develop new technologies to make greener and longer-lasting batteries.
5. **Bioelectricity generation:** Engineer a biological solution to the problem of electricity generation.
6. **Ammonia Fuel:** Explore the potential of ammonia as a green fuel for heavy-duty transport, offering a cleaner alternative to traditional diesel engines.

### *Greener Choices*

1. **Air Quality Monitoring for Commuters:** Develop a solution that empowers commuters with real-time information on air quality, helping them make informed decisions to minimize exposure to pollution.
2. **Carbon-Neutral Commuting App:** Create an app that calculates the carbon footprint of users' daily commutes and suggests greener alternatives.
3. **E-Bike Fleet:** Launch a startup that operates an e-scooter/e-bike sharing service powered entirely by renewable energy sources. Develop solar charging stations and explore partnerships with renewable energy providers.
4. **Eco-Friendly Ridesharing Platform:** Develop a ridesharing platform that exclusively features electric or hybrid vehicles, encouraging the adoption of green transportation. Include incentives for drivers to switch to eco-friendly vehicles and provide users with transparent information about the carbon footprint of their rides.

### *Decreasing Daily Commuting*

1. **Decentralized Office Spaces:** Develop a network of decentralized office spaces in suburban and rural areas, equipped with advanced technology to facilitate remote work. Encourage businesses to establish satellite offices outside city centers to reduce the need for daily commuting.
2. **Incentivized Off-Peak Commuting:** Propose a system that incentivizes companies and employees to adopt flexible work hours, staggering commuting times to alleviate rush-hour congestion and reduce the overall number of commuters during peak times.
3. **Remote Work Productivity Analytics:** Develop a platform that offers analytics and insights into remote work productivity. Provide employers with data-driven tools to improve the efficiency of remote teams.
4. **Collaborative Rural Innovation Hubs:** Establish collaborative innovation hubs in rural areas, bringing together remote workers, startups, and local businesses. Foster an environment that encourages knowledge exchange, networking, and cross-industry collaboration to drive innovation beyond urban centers.