



## Urban Mobility Workshop

Since the end of the nineteenth century, and for most of the twentieth, monorails have captured the imagination and consistently featured in science fiction visions of the urban future. Aside from their Space Age imagery they are relatively inexpensive and quick to install when compared with the cost, time and disruption of making underground tunnels for subway systems. Surprisingly, there are relatively few examples in operation and those that do exist are conceived in isolation from other urban needs.

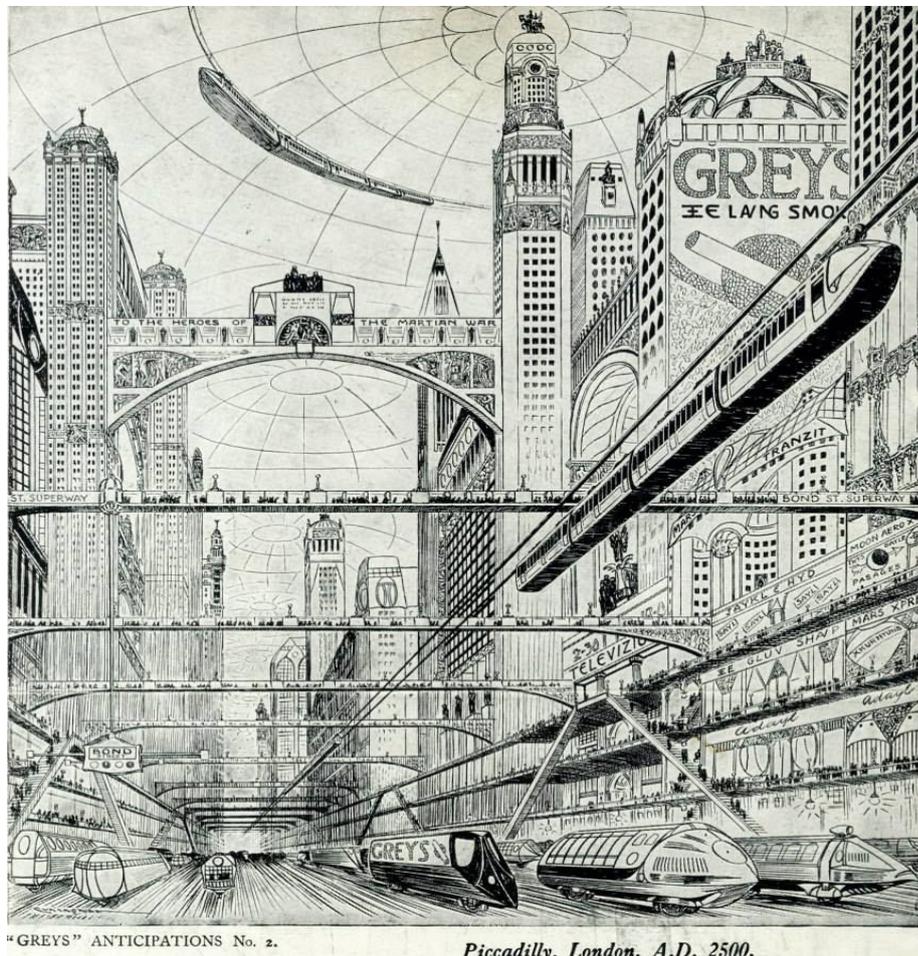
However, new technologies could change the reality and perception of monorail systems, especially if the supporting structures can accommodate other urban benefits such as elevated decks for cyclists and pedestrians, landscape and city farming. New generations of monorails could improve urban mobility by augmenting existing subway, rail and road networks. Because of their compact footprint and tight turning circle, they can be easily threaded through densely built-up areas. In the case of newly planned communities they open up an exciting range of opportunities in which the infrastructure of movement and the architecture of buildings can physically merge together.

The Urban Mobility workshop will explore these and other possibilities in the context of three city typologies - the high-rise, high-density city or city core, the medium-rise, high-density city and the low-rise, low-density sprawling metropolis. Respectively the three examples chosen for study are Mexico City, London and the San Francisco Bay Area.

The workshop will be supported by BYD, who will make available expertise on their 'Skyrail' - a driverless, state-of-the-art, straddle type monorail system.

The Urban Mobility workshop will comprise a team of grant award scholars drawn from the diverse backgrounds of urban policy, transport, infrastructure design and architecture. Grants will cover all transportation, accommodation and meals related to the week-long event in Madrid.

Students will engage with mentors drawn from industry, academia and consulting as well as representatives from the three chosen study cities. The wider agenda for the workshop will be the holistic quest for greener, sustainable and more human cities of the future.



London in 2500, Greys cigarettes advertisement, ca 1935

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## Application

### 1. Proposal

In order to apply for the grant, please submit a single file with your answer to the question below:

## How do you imagine the implementation of monorails in future cities?

There is no fixed format to answer this proposal, as it can be chosen to your preference from video, presentation, collage, essay etc. Creativity will be highly appreciated.

Please note that the Selection Process is only open to students currently enrolled in an educational programme (Bachelor, Masters or PhD) with a strong background in transportation, infrastructure and new mobility systems. Students working full-time in a private initiative are not eligible for the Urban Mobility Workshop.

### 2. Student Information Form:

In addition to your proposal, in order to participate in the selection process, we also require the following information:

Name:

Surname:

Date of Birth:

Nationality:

Email:

Phone:

Level of studies:

University / Institution:

Department:

Tutor:

Expertise / Background on Transportation:

### 3. Short bio of yourself (80–100 words)

### 4. Portrait picture with clear uniform background (approx.1MB jpg image)

### 5. CV + Portfolio explaining expertise on transportation (Max. 10 pages)

### 6. Two reference letters from your university professors

The Proposal, together with the information form, your CV and Portrait (no bigger than 10MB) must be submitted with "Open Call: Urban Mobility Workshop" no later 22 July 2018 24:00 CET

Please send your applications to [research@normanfosterfoundation.org](mailto:research@normanfosterfoundation.org)