Urban Noise Reduction Project

moonshot pirates

PURPOSE
What is the biggest purpose behind your idea?
(a highly aspirational tagline that tries to solve a global challenge)

The purpose is to provide a sustainable solution against urban noise pollution, as over 68 percent of individuals will reside in urban environments by 2050. We aim to provide a wearable device that produces anti-noise, using the principles of jungle-frogs, that block out foreign mating calls using anti-noise

Using their lungs, the frogs generate an anti-noise, complementary to the noise emmitted by foreign mating calls. We aim to not only improve human wellbeing, but furthermore allow for natural environments in urban locations

SOCIAL IMPACT
What positive impact does your idea have on society?

ENVIRONMENTAL IMPACT
What positive impact does your idea have on the environment?

PEOPLE
Who will benefit from your idea?

Urban spaces are made safer, as the wearable deactivates around street Crossing etc. using beacon detection technology. Thus, urban noise is reduced to increase human wellbeing while the safety of individuals residing in urban environments is increased.

A reduction in urban noise pollution allows for spaces to be repurposed on cities. This allows for more greenery, a better wellbeing for humans and most importantly, prevents animals from being forcefully evaded from their natural habitat

MOONSHOT
Describe your idea in 3 sentences!

We aim to provide a wearable device, which eliminates urban noise Pollution through anti-noise production, similar to that of jungle frogs. The device will eliminate urban noise and will be adjustable depending on the environment it is in, using beacon detection Technology. It will be sourced from recyclable materials and will have an Extended return warranty, using the principles of the circular economy.

A reduction in urban noise, results in higher biodiversity as animals are able to escape predators, whilst also allowing for biodiversity through ecological diversity, when more animals are present in urban environments.

Urban noise pollution is connected directly to stress symtoms, which is why we provide a solution that allows for individuals to eliminate a stress factor, thus improving both the mental and physical wellbeing of individuals living in urban environments
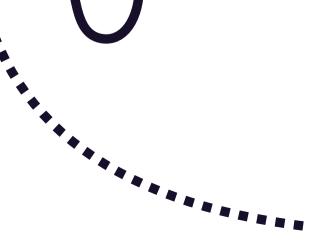
BREAKTHROUGH TECHNOLOGY
Which technologies help you realize your idea?

FINANCIAL IMPACT
How do you make sure your idea is financially sustainable?

We believe the idea to be financially sustainable, as this problem will continue to be relevant as more individuals reside in urban environments. We seek Investment into the development of this product, through a combination of venture capitalist funding and public-online funding.