



At least **20%** of the world's adult population are in the neurodivergent spectrum

However, until now, society's advancements are rarely pursued with consideration for

neurodiversity

neurodiversity

"The diversity or variation of cognitive functioning in humans"

dyspraxia

ADHD

autism

dyslexia

dyscalculia

tourette's

The neurodivergent community

Some of the struggles they experience are:

sensory overload

social overwhelm

These are heightened when travelling in public spaces with numerous stimuli like noise, bright lights, crowds, etc.

The neurodivergent community

in a post-COVID world...

They face more challenges in addition to the stressors they experience on a daily basis.



A return to normalcy would entail a disruption to routine adopted during the pandemic.



They may struggle with this getting back into regularly moving around public spaces and travelling around the bustling city



The tools necessary for supporting
the neurodiverse community's

comfortable
integration

into

social situations



and

complete
independence

in

daily activities





social situations & daily activities such as



commuting to work

going to the mall

walking to school

doing errands

...are not always readily available to them
due to high costs or limited distribution.



**How have innovators tried to address
this problem that the neurodiverse
community face everyday?**

ASSISTIVE TECHNOLOGY

apps that convert photos of text to audio for dyslexics

apps that help interpret facial expressions for people in the ASD

apps that help with focus and organization for people with ADHD

sensory blocking aids to avoid overstimulation

but...

these tools are not yet readily available in markets

&

assistive softwares require access to devices that not everyone has

RECREATIONAL EVENTS

sensory-friendly concerts and parties to allow neurodivergent individuals to partake in community-based events

neurodiversity spectrum support and self-advocacy groups that may convene both online and in person

but...

these only provide neurodivergent people a sense of belonging

meaning...

their qualms in an inaccessible society are affirmed, but not necessarily changed

ARCHITECTURE

use of low-stimulant colors to mitigate stress and avoid triggers

acoustic tiles or foam to lessen noise

special layouts and designated quiet zones for relaxation and focus

but...

these neurodiverse architecture solutions are applicable in indoor spaces only

&

public, outdoor areas still remain inaccessible for the neurodiverse community

the neurodivergent community needs a solution that is

free

accessible

concrete





PEACE HUB is an **innovative**
public safe space

for commuting neurodivergent
individuals that allows them to
take a step back from the
hustle and bustle of the city



PEACE HUB makes urban areas and transportation more accessible to them by serving as resting zones with various assistive tools that are tailored to their needs.



Dispersed within commuting routes, Peace Hub's simple, structure prioritizes functionality over elaborateness amid already busy urban landscapes.

Self-help panels, speech-generating devices, noise-cancellation headphones, and fidget toys are also present within the hub among its many other features to provide neurodivergent individuals peace of mind while commuting.

With

PEACE HUB

everyone can roam the city,
independently and comfortably.

OBJECTIVES

To empower neurodivergent individuals in their daily tasks

To help neurodivergent individuals have a safe and comfortable commuting experience

To bring awareness about neurodiversity and;

To dismantle negative social attitudes towards it

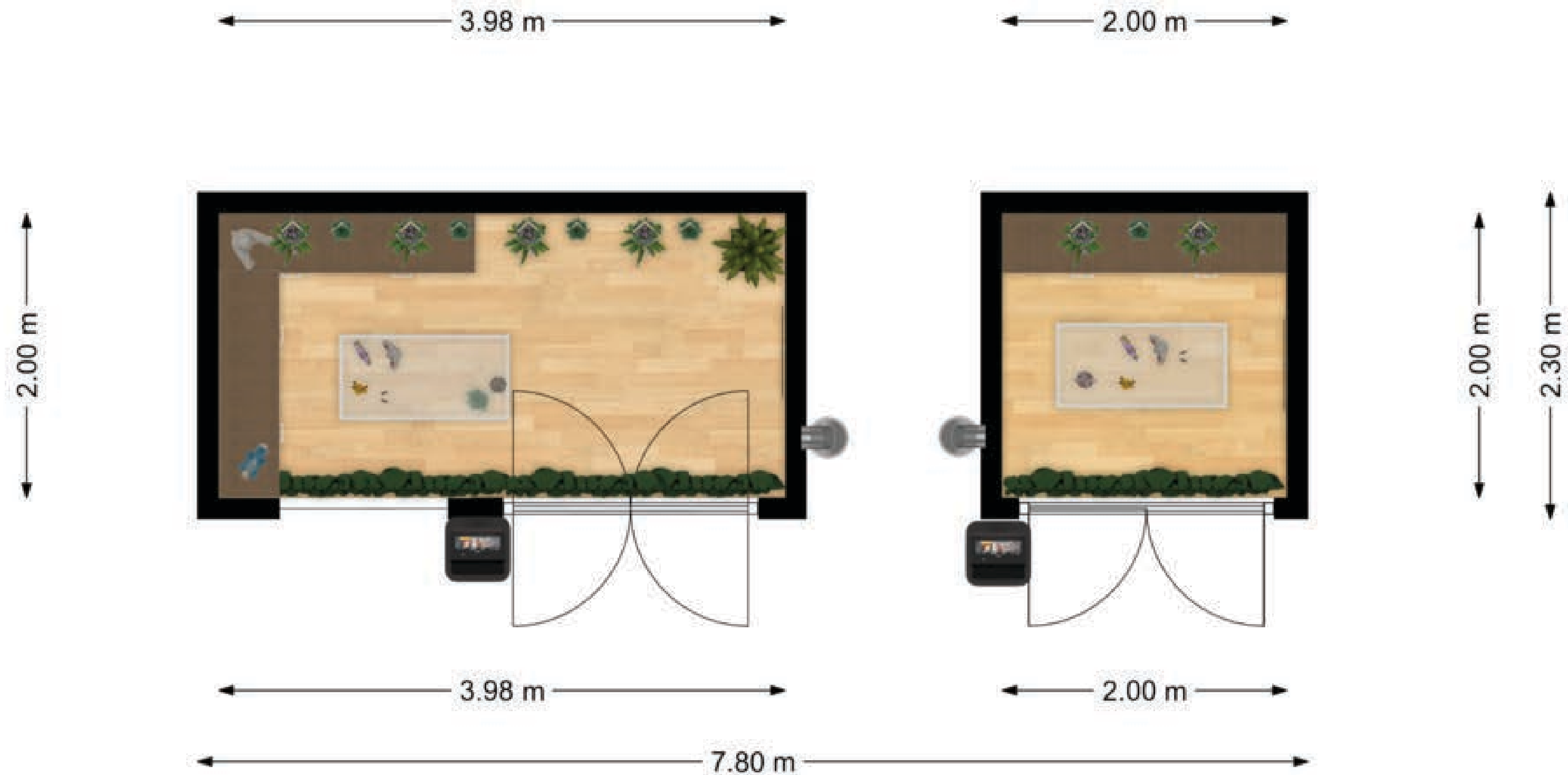
sustainable development goals

9 Innovation &
Infrastructure

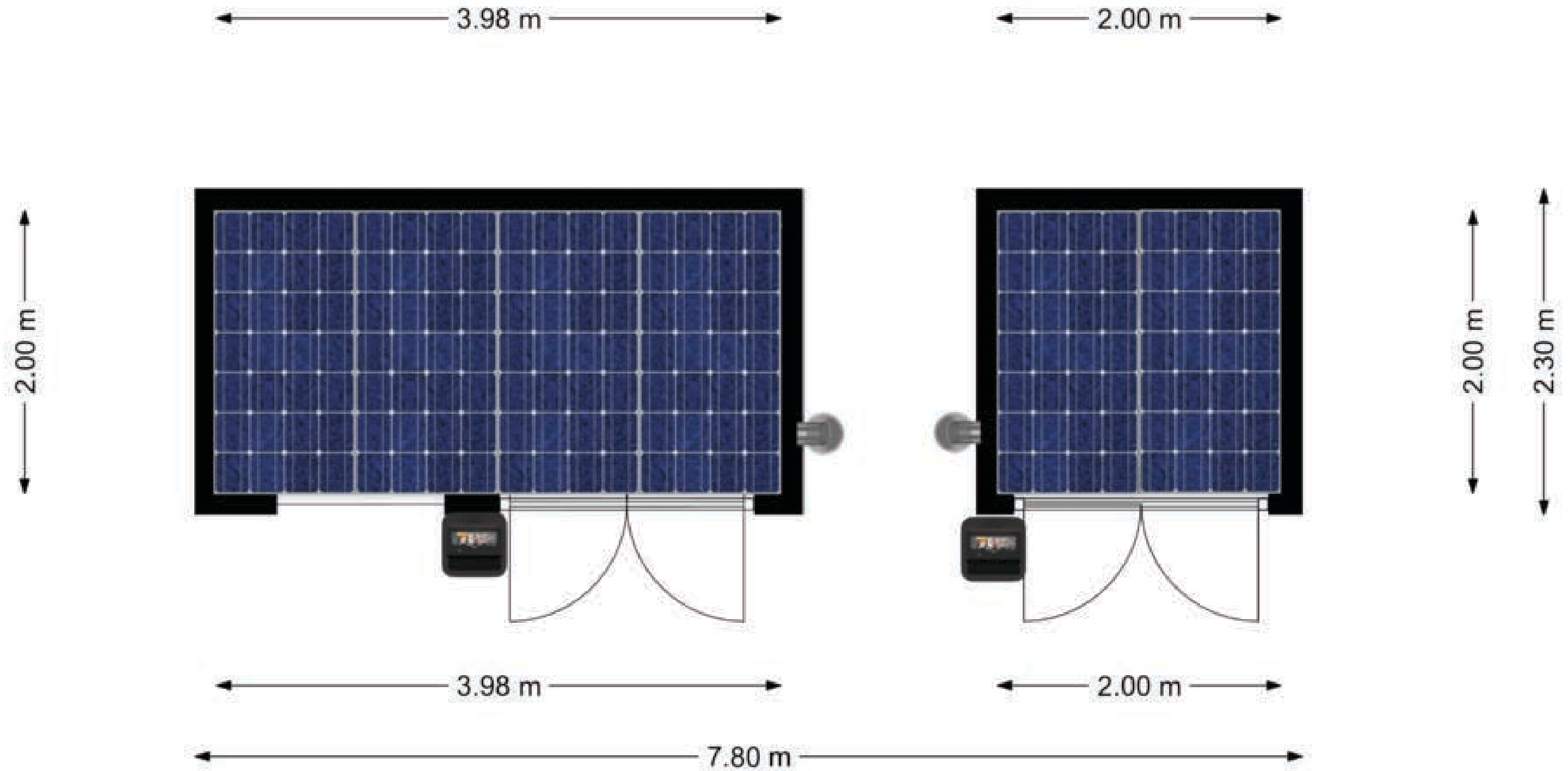
10 Reduced
Inequalities

17 Partnerships
for Goals

FLOOR PLAN



FLOOR PLAN



self-help panels

FEATURES

digital audio assistance

emergency hotlines

text to speech softwares

facial expression charts

more features

noise-cancelling
headphones

fidget toys

LED lights for
minimal glare

segregated
trash bins

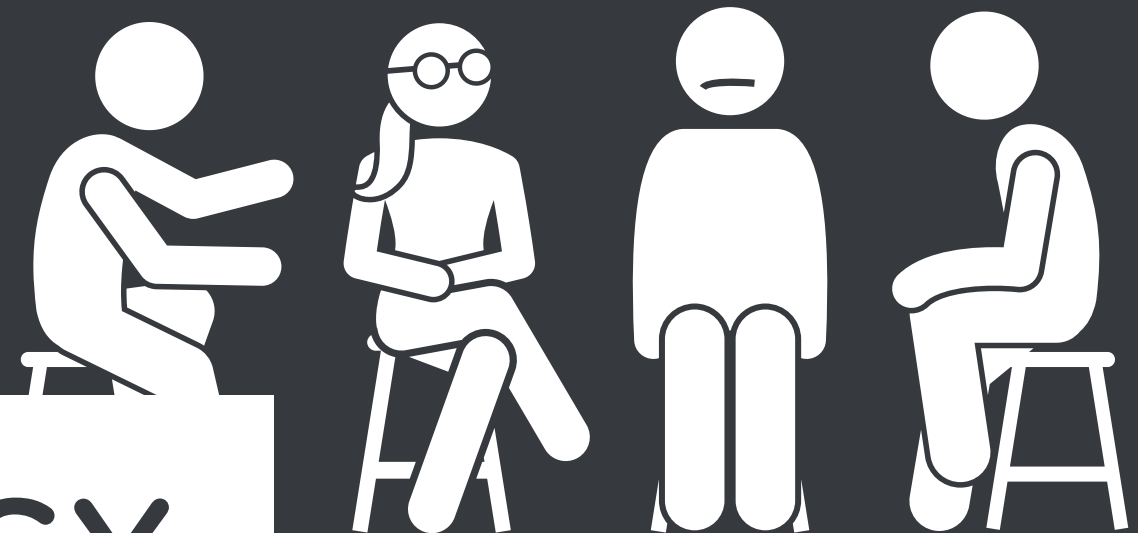
walls with vertical
gardening

solar panels

communication

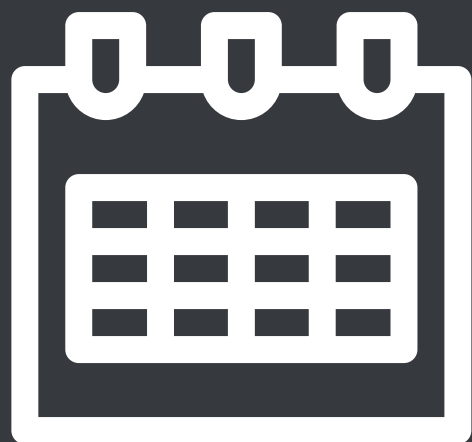


social interaction



TECHNOLOGY

daily living



architecture



COMMUNICATION ASSISTIVE TECHNOLOGY

DIGITAL ASSISTANT

integrated into Peace Hub's self-help panel to help neurodivergent people with any questions or inquiries they might have

SPEECH DEVICES

some neurodivergent people have difficulties with speaking and so, speech generating devices can assist these people in speaking with others inside larger Peace Hub models

HOTLINE

in the event of an emergency or the stakeholder is in need of assistance, a hotline will be connected to an operator 24/7

SOCIAL ASSISTIVE TECHNOLOGY

ARTIFICIAL INTELLIGENCE

CHARTS

PICTURE BOARDS

inclusion of artificial intelligence
capable of recognizing facial expression
alongside charts and picture boards

TABLETS & APPS

tablets with games, social media, and
learning applications that cater to the
neurodivergent spectrum will be provided

DAILY LIVING

ACOUSTIC REDUCTION

to prevent neurodivergent people from feeling overstimulated with excessive noise, Peace Hub will feature acoustic foam and noise-cancelling headphones for acoustic reduction.

FIDGET TOYS

fidget toys can help those with ADHD focus and concentrate better

ARCHITECTURE

low stimulant colors and no patterns to avoid triggering anxieties

layouts with enough space for one or two persons
to stretch in both small and large size models

utilize solar energy to cut on operation costs

electronic fob or QR code system installed for entry so
as to prevent neurotypical people from loitering inside

POSSIBLE PARTNERSHIPS

GOVERNMENT

Peace Hub will work closely with local government units and public transportation departments of cities that will show interest in the project.

This will help in:

1. Determining the most strategic locations for the hubs
2. Securing financial support

NON-GOVERNMENTAL ORGANIZATIONS

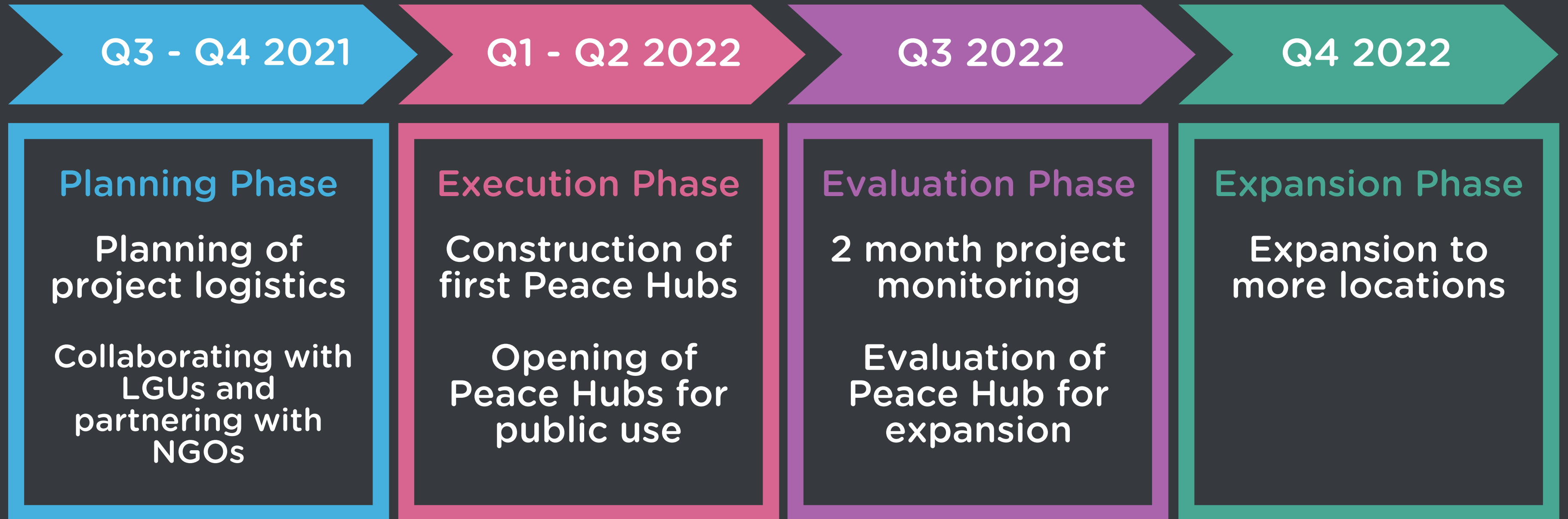
Peace Hub may partner with international and local NGOs such as the ADHD Foundation, Autism Speaks, Headstrong Nation, and others that also celebrate neurodiversity.

This will help in:

1. Growing the project's online and international presence
2. Securing financial support

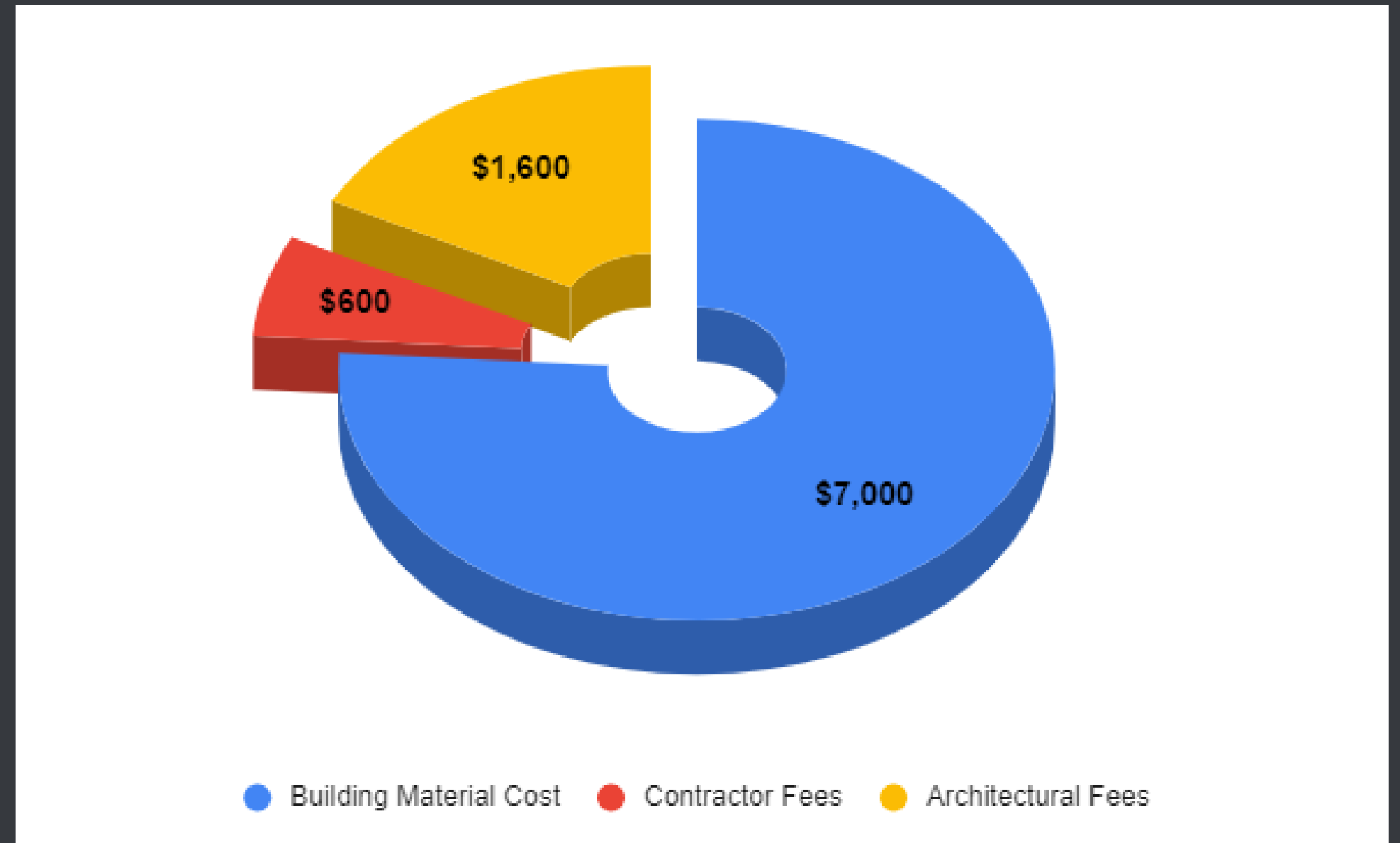
IMPLEMENTATION TIMELINE

2021 - 2022



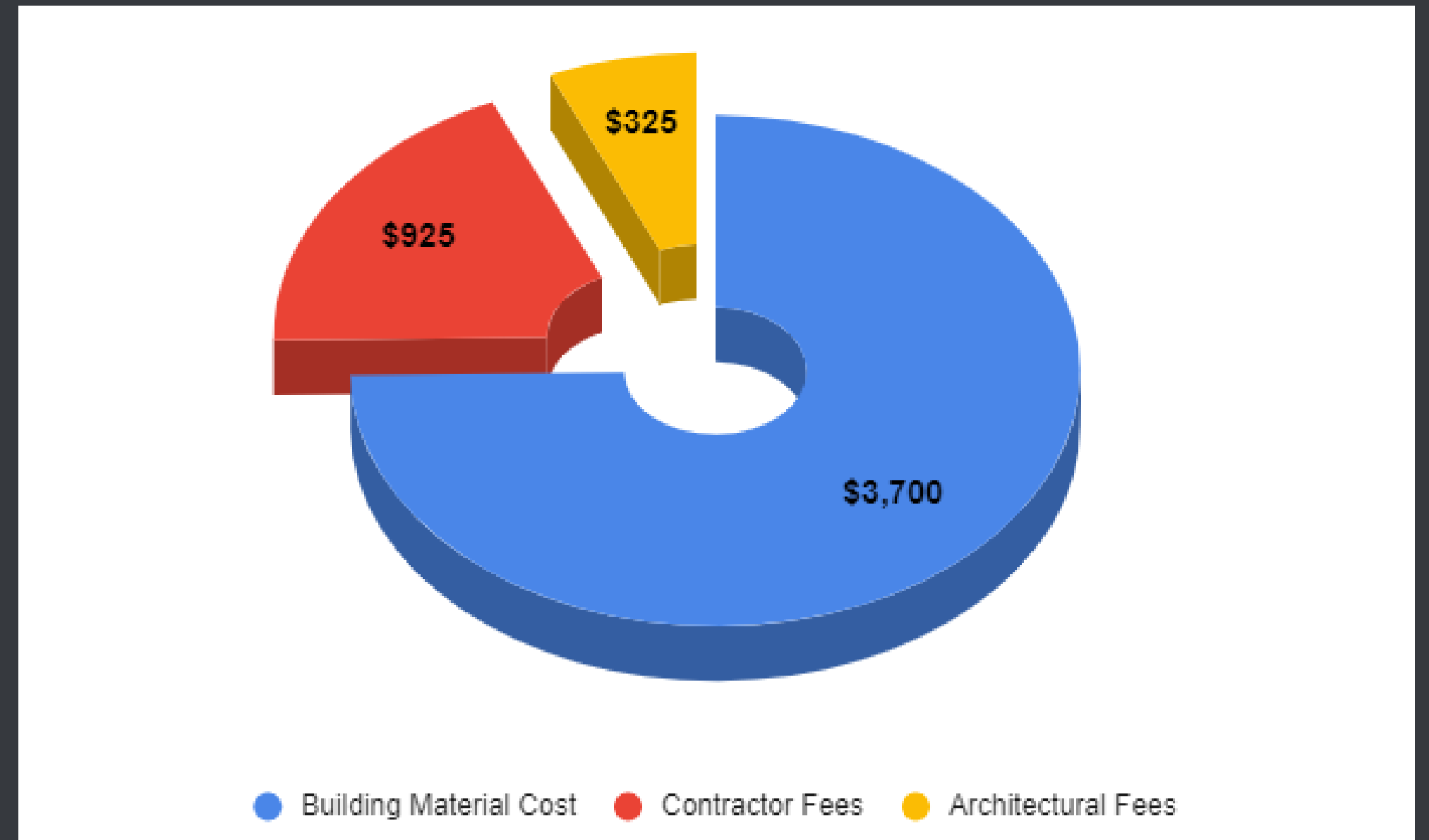
BUDGET

Allocation	Price
Building Material Cost	\$7,000
Contractor fees	\$600
Architectural fees	\$1,600
TOTAL	\$9,200



BUDGET

Allocation	Price
Building Material Cost	\$3,700
Contractor fees	\$925
Architectural fees	\$325
TOTAL	\$4,950





Every day, people are coming up with new and intricate technologies.

But sometimes, what stakeholders, such as neurodivergent individuals, need are simple solutions with their realities taken into consideration.

With Peace Hub, everyone can roam their city independently and comfortably.

PEACE HUB

Here you find peace of mind



PURPOSE

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

Peace Hub

Here you find peace of mind

SOCIAL IMPACT

What positive impact does your idea have on society?

Peace Hub, at its core, empathizes with the neurodivergent community who have had to go about life in a vastly inaccessible society, especially when it comes to public transportation and travelling. It actualizes this sentiment by providing a concrete solution to their struggles in commuting in the form of peace hubs that will make their experience safer and more comfortable. At the same time, the presence of peace hubs will not only allow neurodivergent individuals to gain more independence in their daily life, but will also increase awareness for neurotypicals regarding the needs of the neurodiverse community.



ENVIRONMENTAL IMPACT

What positive impact does your idea have on the environment?

While Peace Hub's design and purpose do not directly address environmental issues, the steps leading up to the full utilization of these spaces- from construction to maintenance- will be as minimally invasive as possible to the environment. The layout itself will incorporate vertical gardening for the walls and segregated trash bins as additional efforts to make the structures clean and green.



PEOPLE

Who will benefit from your idea?

Neurodivergent people

MOONSHOT

Describe your idea in 3 sentences!

Peace Hub is an innovative safe space for neurodivergent people to take a step back from the hustle and bustle of the city. It makes public areas more accessible and conducive for the neurodivergent community as they go about their daily activities. Peace Hub provides physical tranquility zones where they can stay in and self-help panels which they can use for assistance.

FINANCIAL IMPACT

How do you make sure your
idea is financially sustainable?

Peace hub is a non-profit venture that aims to aid neurodivergent people. Therefore, partnerships with NGOs, such as the ADHD foundation, will be important in sustaining the project. Peach Hub's exterior can also be used as a space for companies to advertise their products or services, which will provide a secondary source of funding for the project.

ADHD
FOUNDATION
The Neurodiversity Charity



Concept by:
future.io