



SMARTHANDS PRESENTS

Bringing Nature Closer To You

National Productivity and Competitiveness Council



Who Are We?

SmartHands is a group of four young leaders that paired up together for a mission; **Bringing Nature Closer To People** through the means of technology.

Presentation Overview

OUTLINE OF TOPICS

- *Introduction*
- *Problem Definition*
- *Objective Definition*
- *Data Collect/Analyse*
- *Innovativeness of solutions selected*
- *Project Implementation Plan*
- *Activities*
- *Stakeholders Involved*
- *Difficulties/Challenges encountered during implementation*
- *Results Achieved/ Testimonies*
- *Continuity of the project*
- *Team Members & Co-trainer*



Introduction




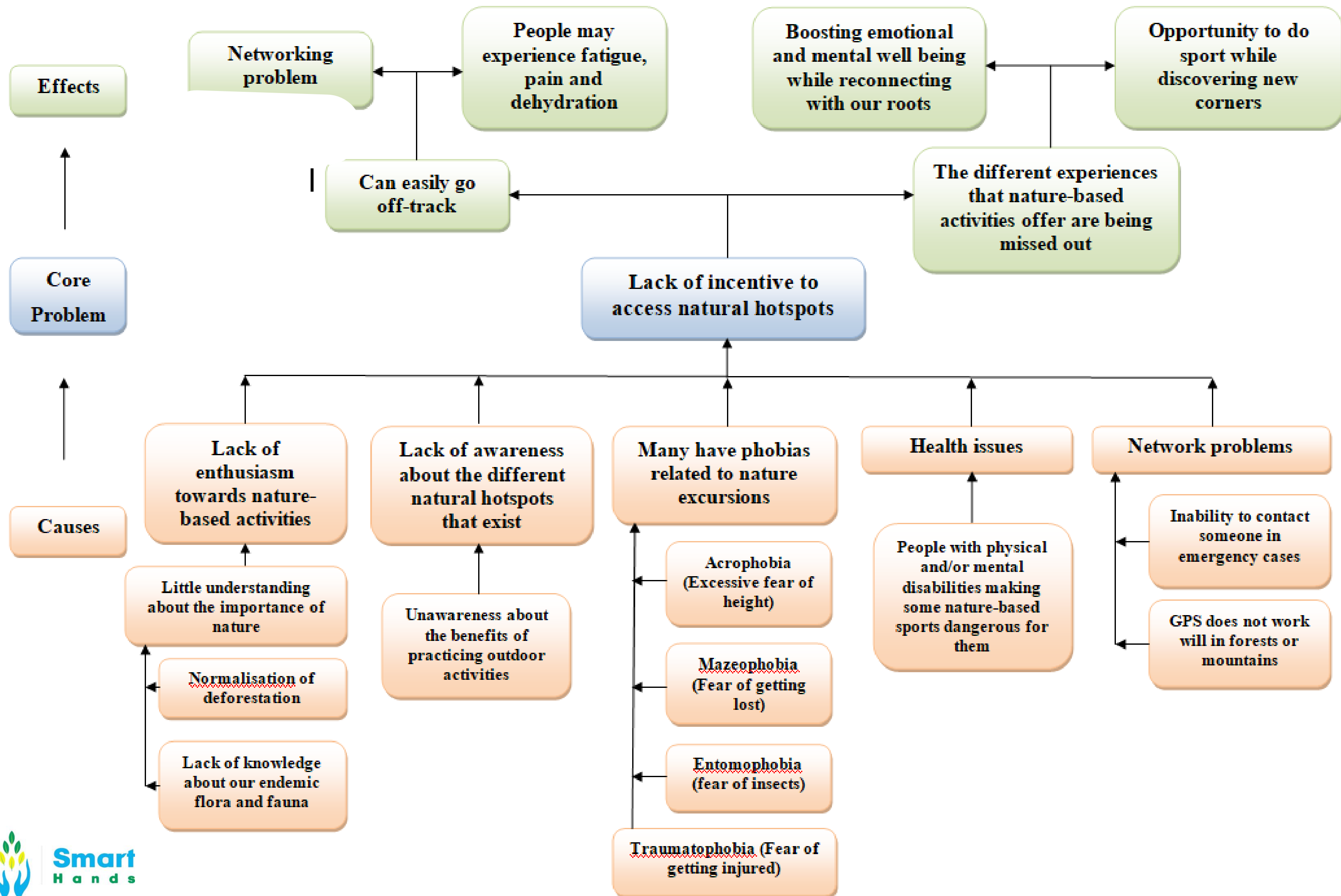
So, what did we observe?

Due to health concerns and other factors, around 22% of the population* is unable to enjoy the outstanding natural landscapes that Mauritius has to offer.

***Approximate statistic of old persons and invalid persons in Mauritius, December 2020**

Problem Definition

A photograph of a rugged, rocky mountain peak. The foreground is filled with dense, green, leafy vegetation. The mountain itself is composed of dark, craggy rock with patches of green moss or small plants. The sky above is a mix of blue and white, with wispy clouds.





Objective Definition

EFFECTS

Improves and maintains physical and mental health

People with disabilities or phobias can experience nature excursions

Avoid the dangers of hiking such as dehydration, loss in forests, dangerous animals

Encourages individuals to explore Mauritius natural hotspots and discovers many plants variety

Promotion of the different landscape locations in Mauritius

Core Objective

Promoting nature discovery through virtual reality tours

Means

Through an application

VR nature tours simulator and DIY cardboard VR headsets.

Organising special sessions in schools or NGOs

Conducting webinars

Training sessions with the community

Organising activities where people can educate themselves about the different hiking spots in Mauritius.

Experts explaining different plants and animals' varieties found in Mauritius during the virtual tours.

Educating people on how they can find help they have networking issues.

Promoting VR hiking to individuals who are unable to visit natural hotspots

People with phobias related to hiking

People with disabilities

People with health issues

Old people

Project Implementation Plan


A scenic coastal landscape with a rocky cliff in the foreground, a blue ocean in the middle ground, and a blue sky with clouds in the background. The text 'Project Implementation Plan' is overlaid on the left side of the image.

Our Gantt Chart

[illegible]

[illegible]

[illegible]

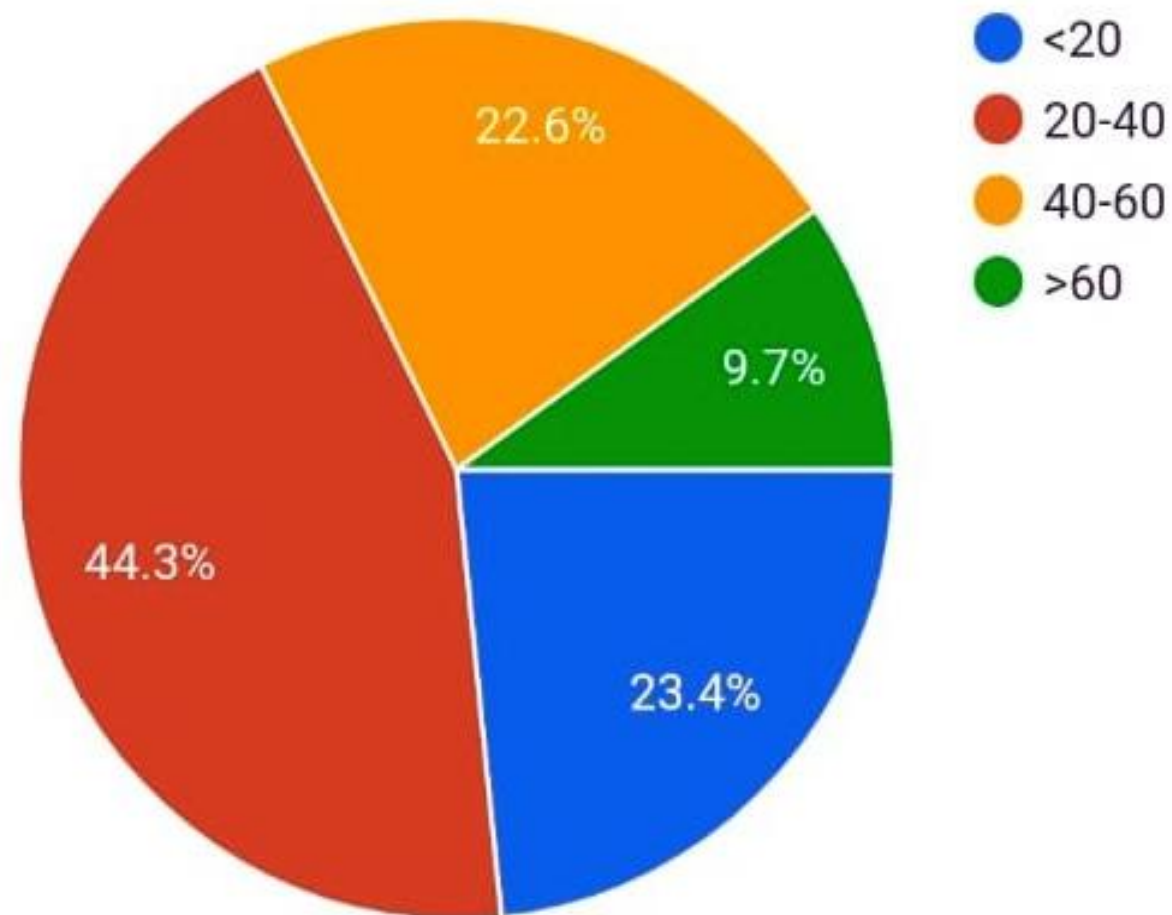


Data
Collected/
Analysed

Survey Conducted

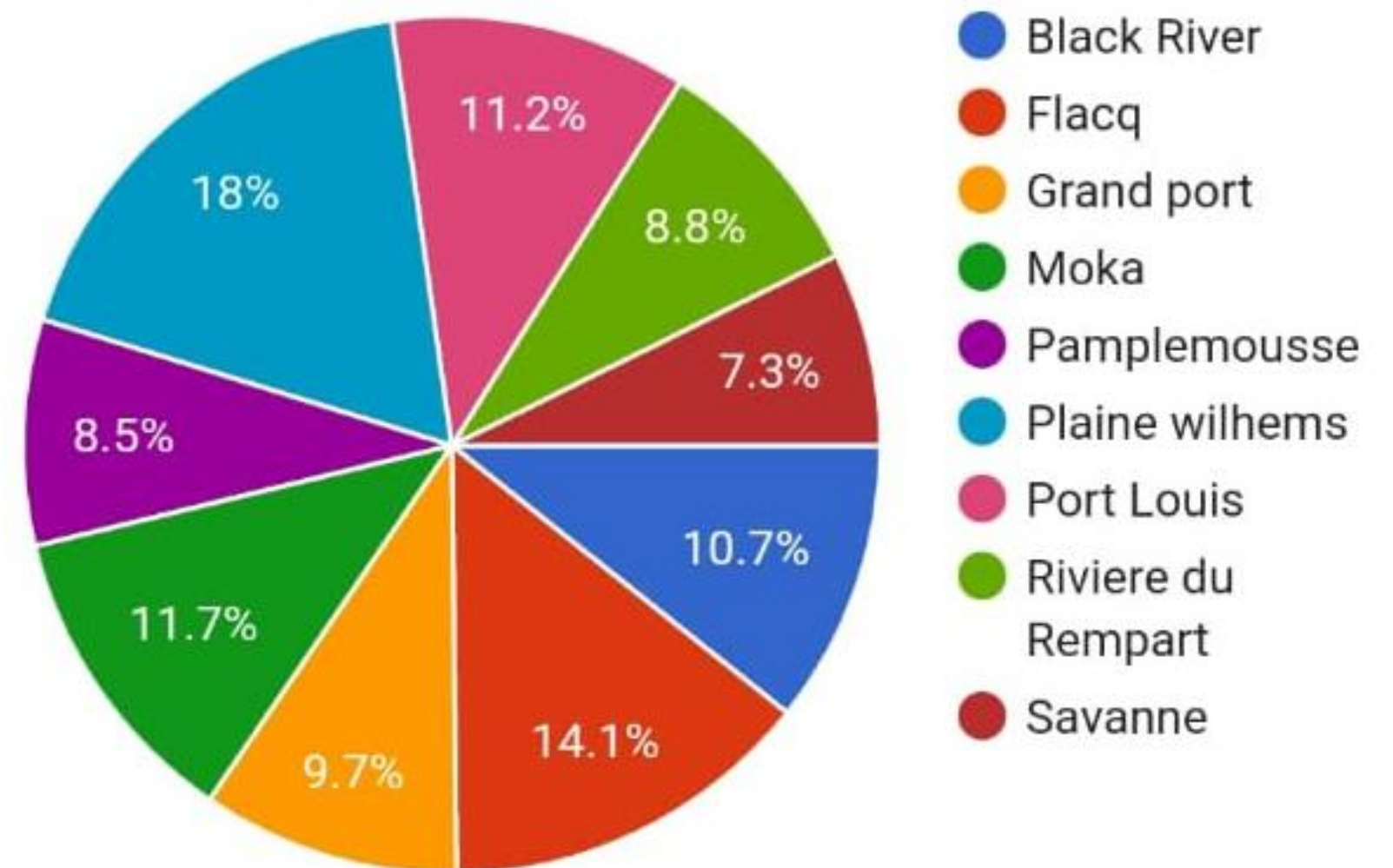
Age group

411 responses



Residential Districts

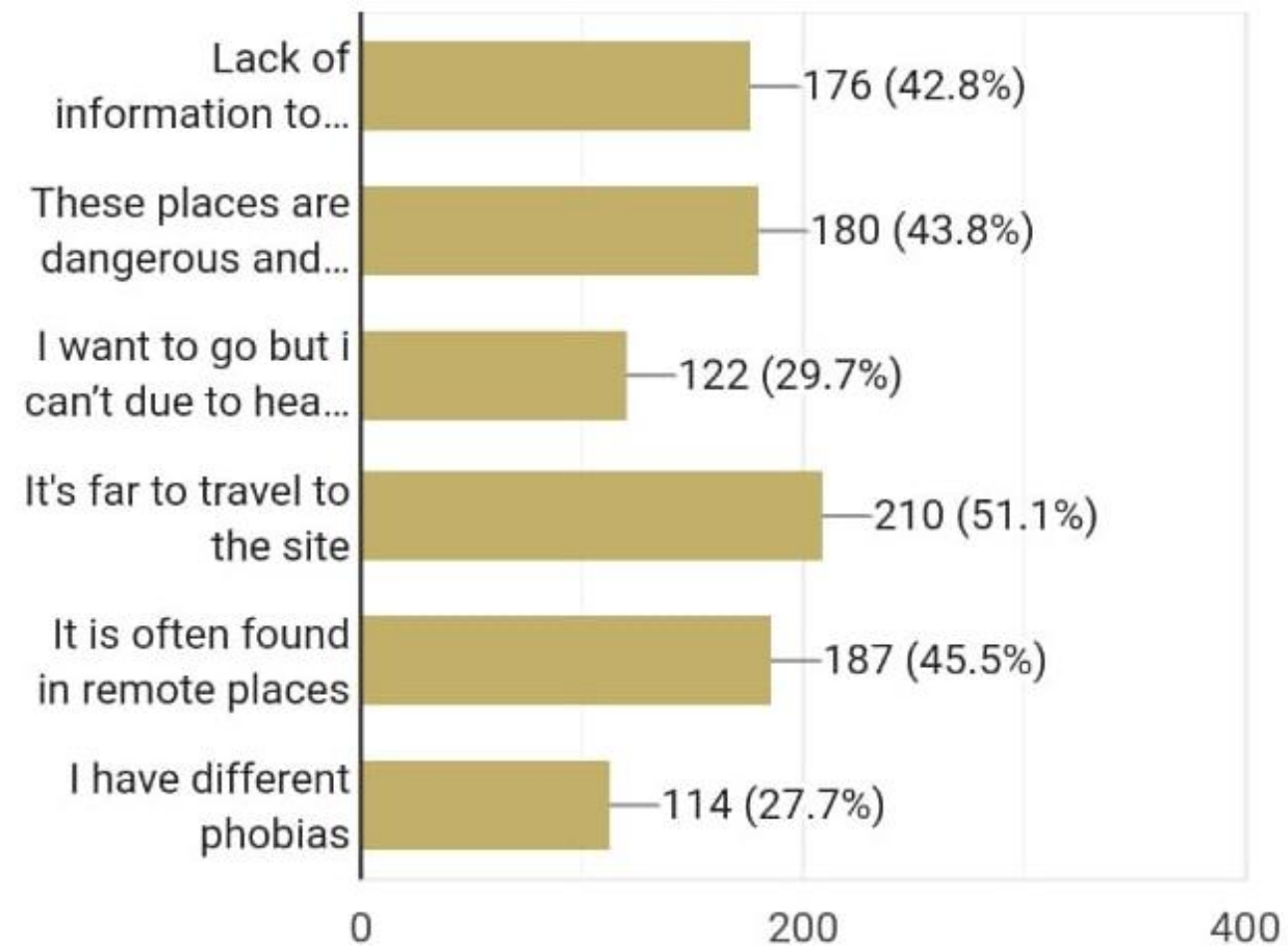
411 responses



Survey Conducted

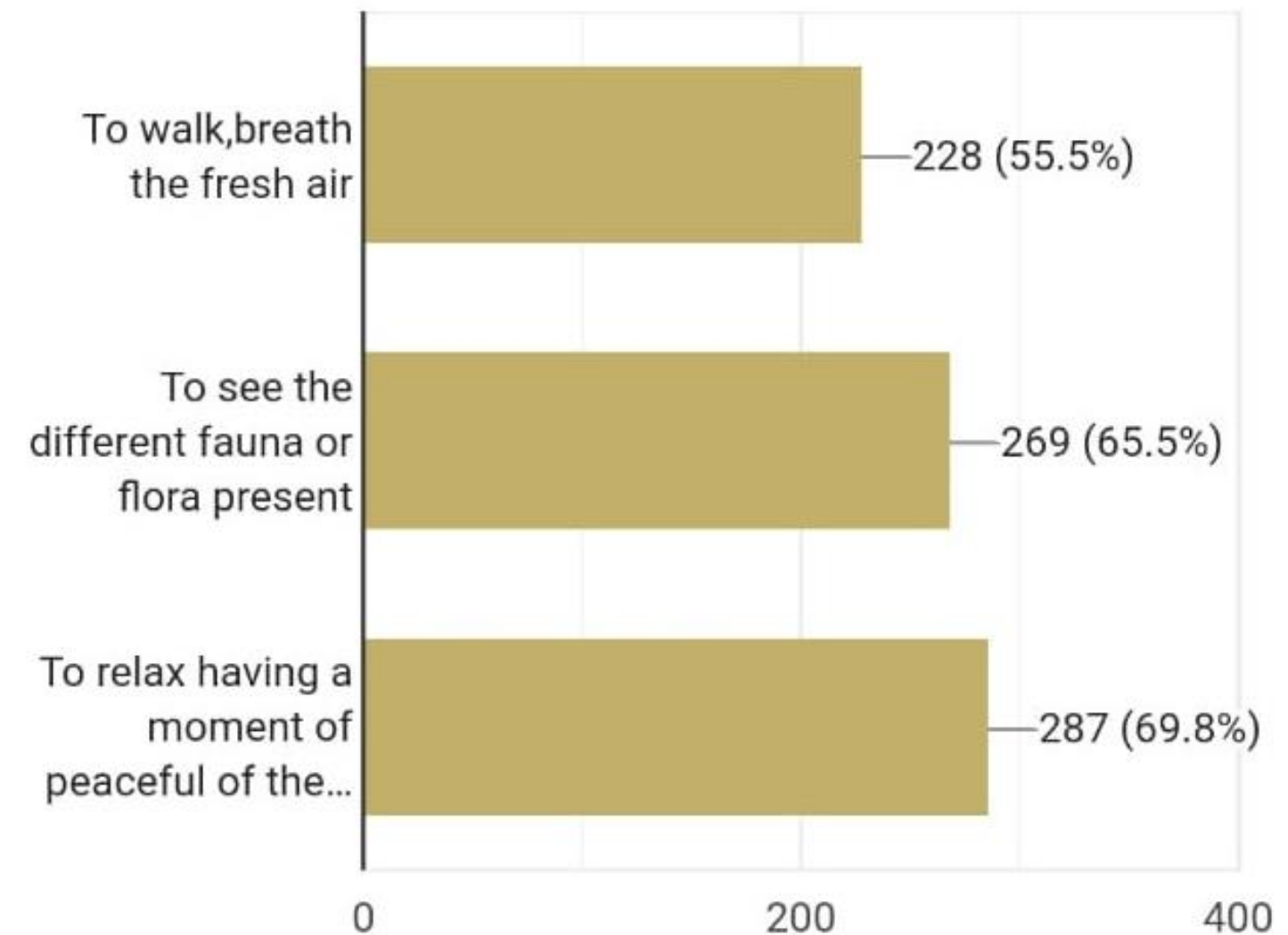
What are the barriers that prevent people from going into the different natural hotspots present on the island namely Nature reserves, mountains and botanical gardens.
(You may choose one or more)

411 responses



What is your main interest wherever you go the different natural hotspots (Nature reserves, mountains and botanical gardens) present in Mauritius?

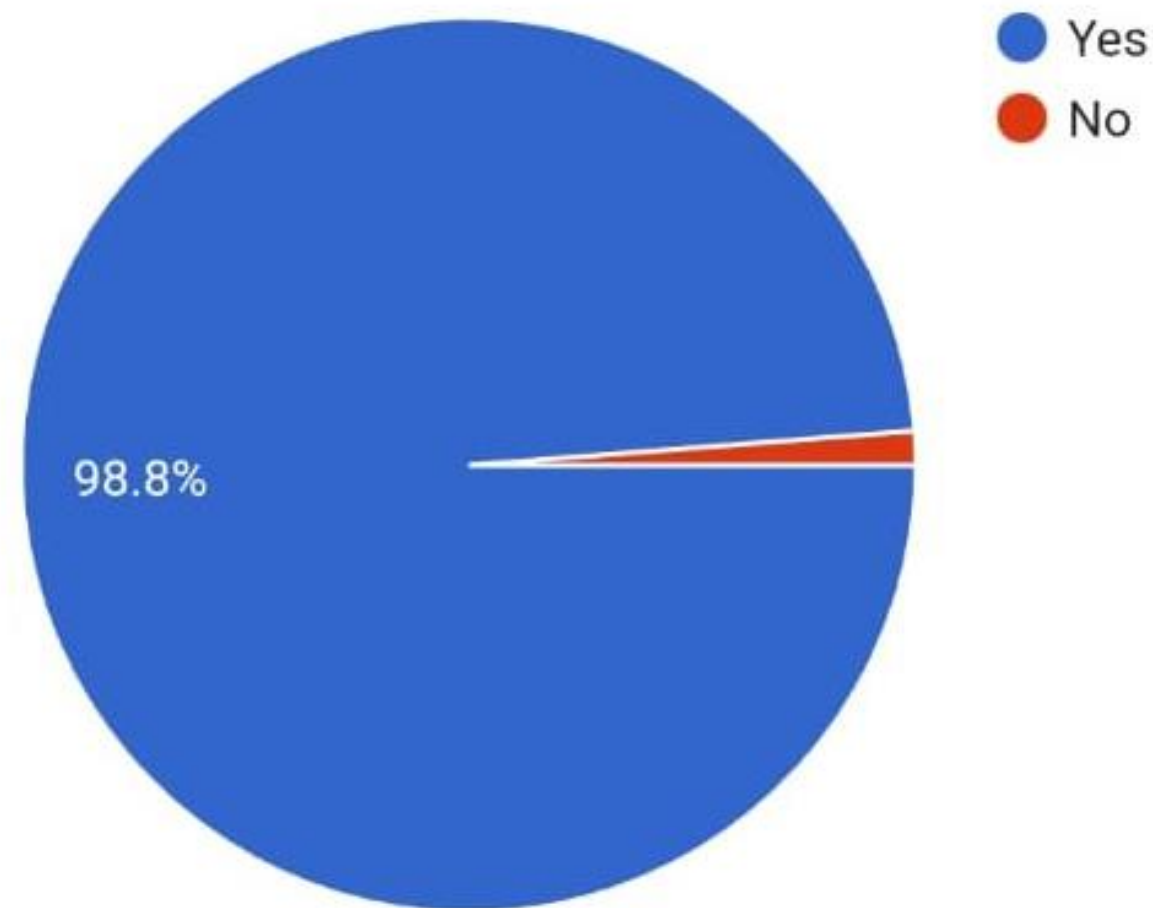
411 responses



Survey Conducted

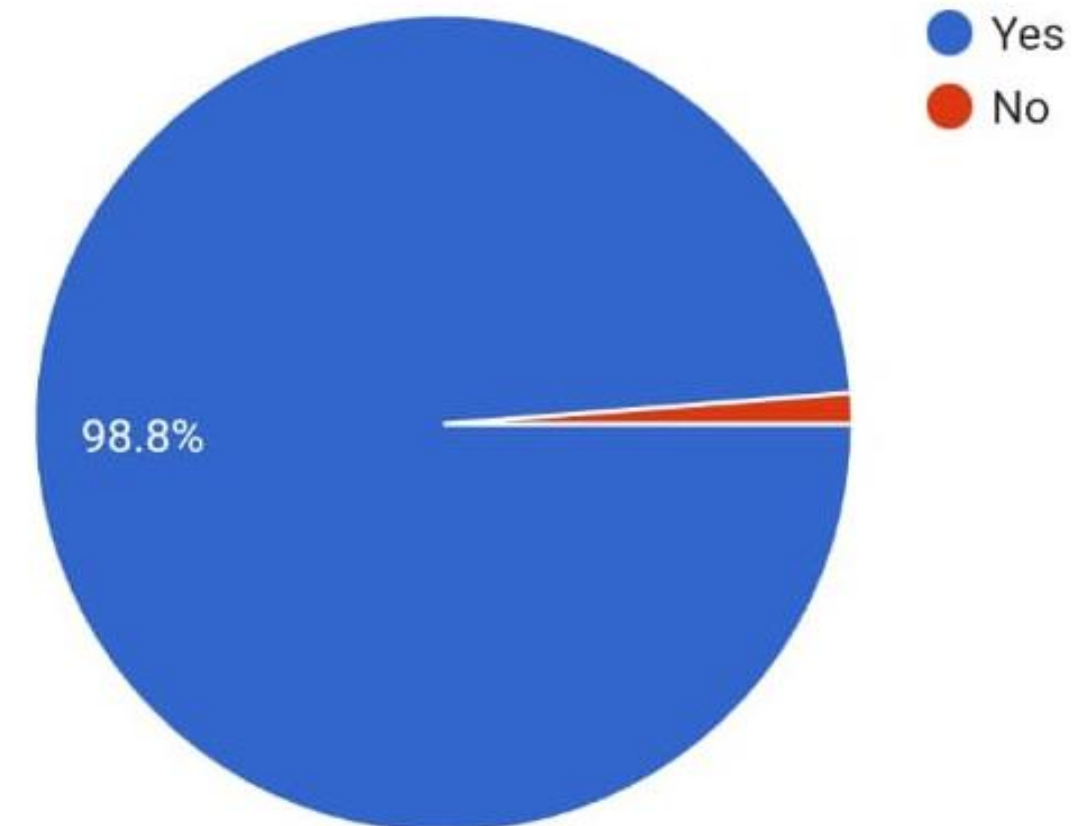
Do you think merging technology to view different aspects of our surrounding environment will help citizens in the community?

408 responses



Do you think a community-based project with the aim to Bring nature closer to people through technological means will be beneficial to both the community and the people living in it?

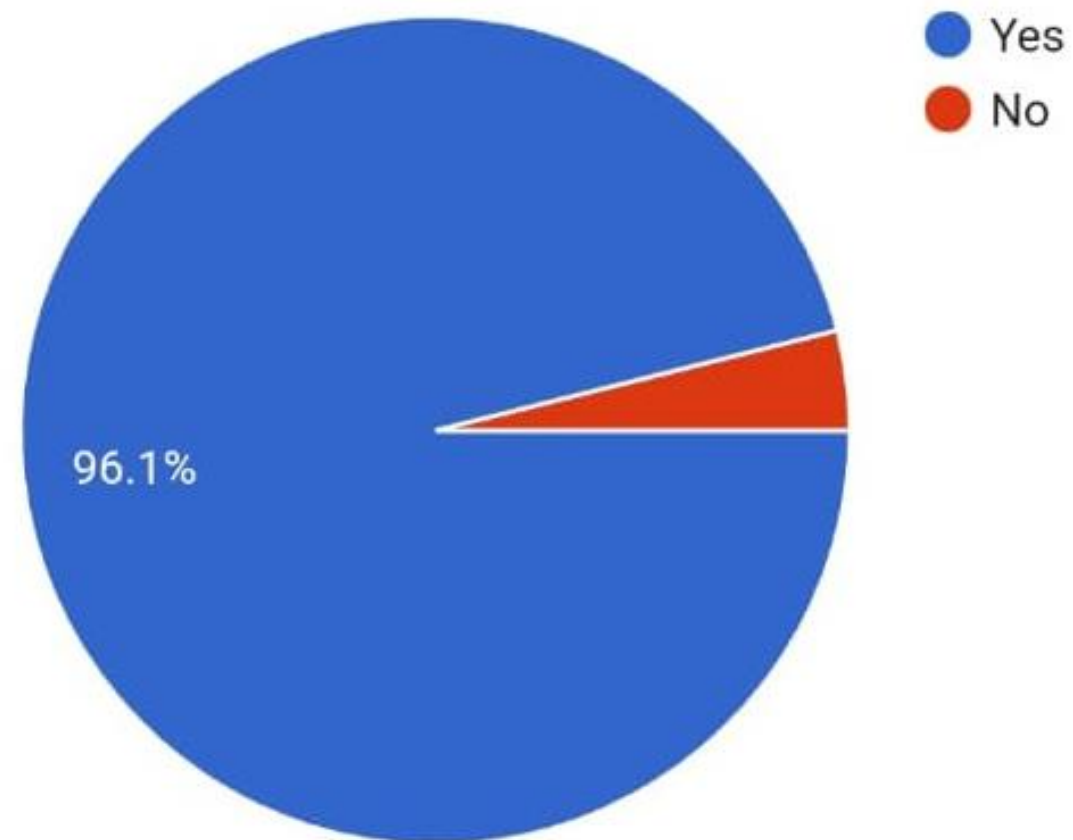
411 responses



Survey Conducted

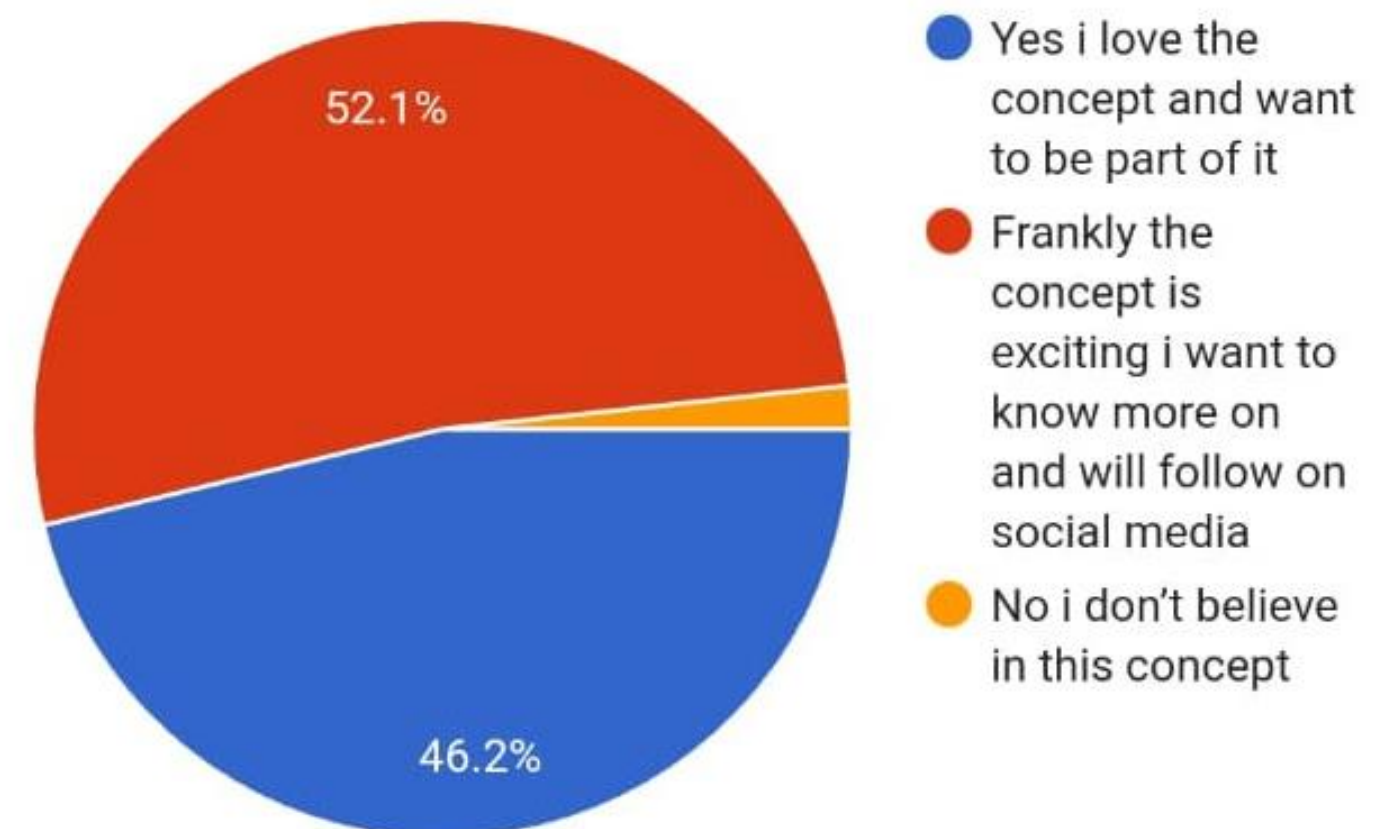
Do you think the Covid19 situation has impacted on people's lives to be able to attend the different natural hotspots (Nature reserves, mountains and botanical gardens) present in Mauritius?

411 responses



Do you value the concept of “bringing nature closer to you” through 360 degree videos as part of virtual reality, a valuable asset for educating people, raising awareness and building ecotourism in Mauritius for tourist attraction?

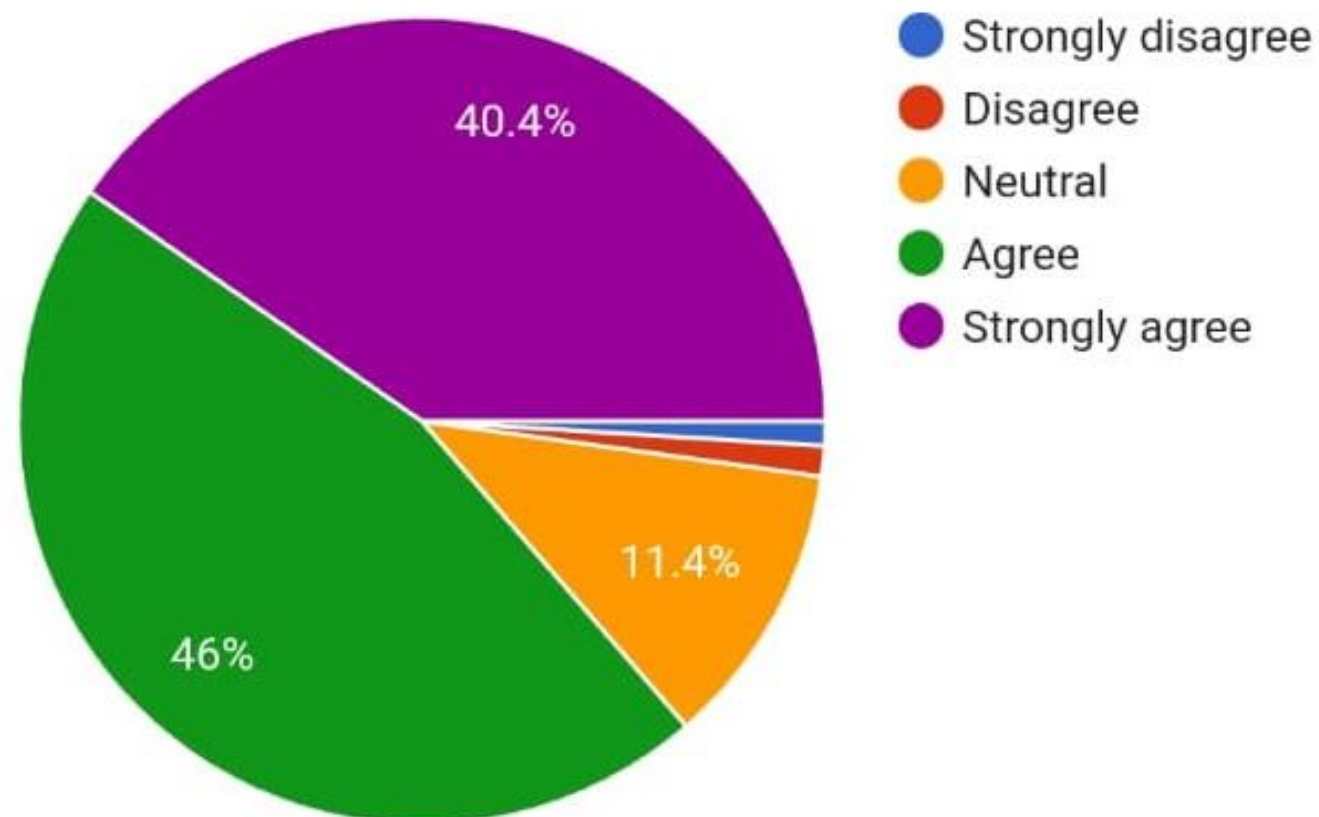
411 responses



Survey Conducted

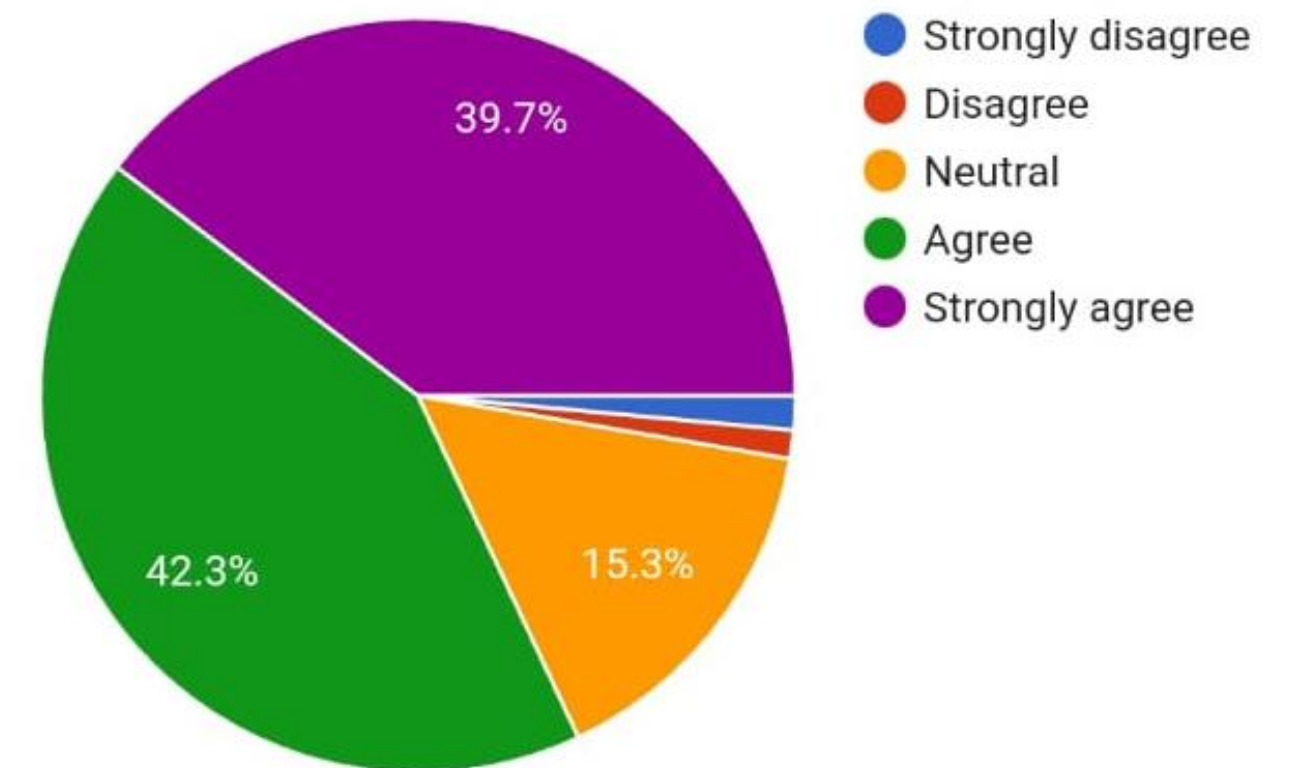
To what extent do you agree with the following: Visualising 360 degree videos with its natural sound can contribute to making people experience our natural environment?

411 responses



To what extent do you agree with the following: Using a new approach of creating 360 degree videos will contribute in creating awareness about our surrounding environment to make people more conscious and live more eco-friendly.

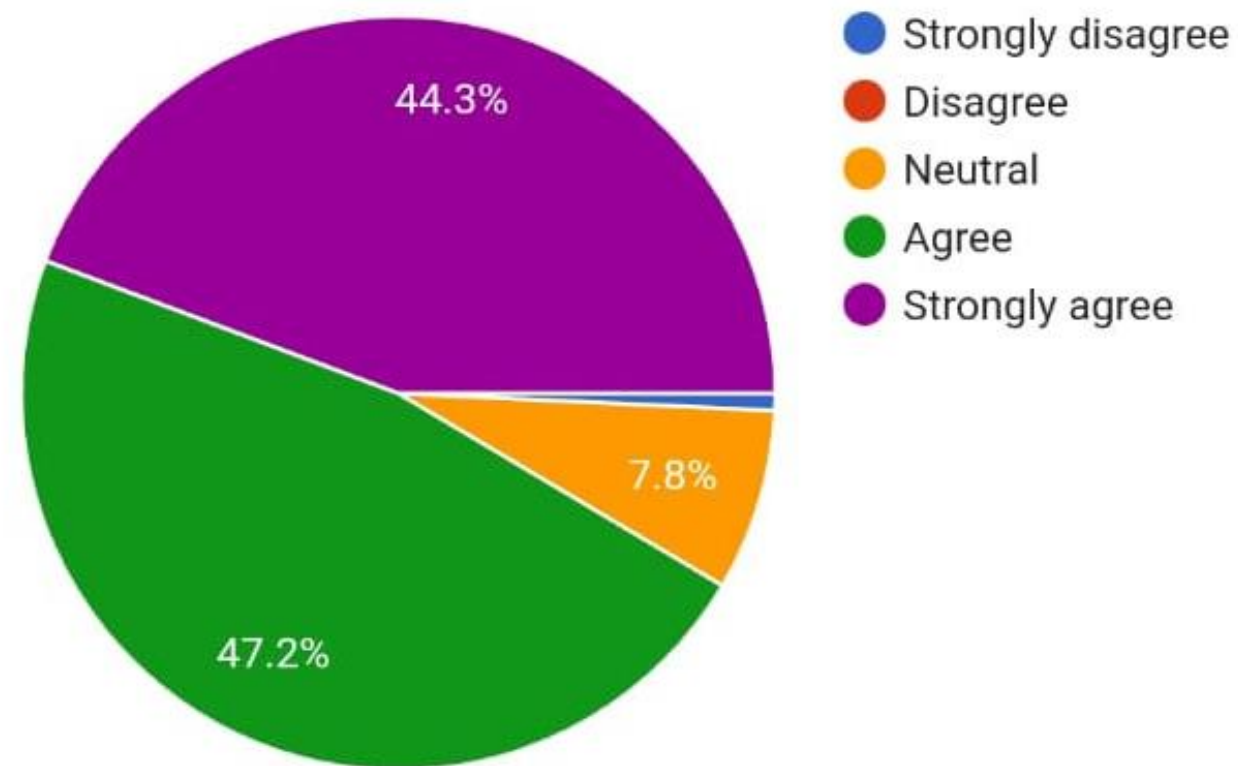
411 responses



Survey Conducted

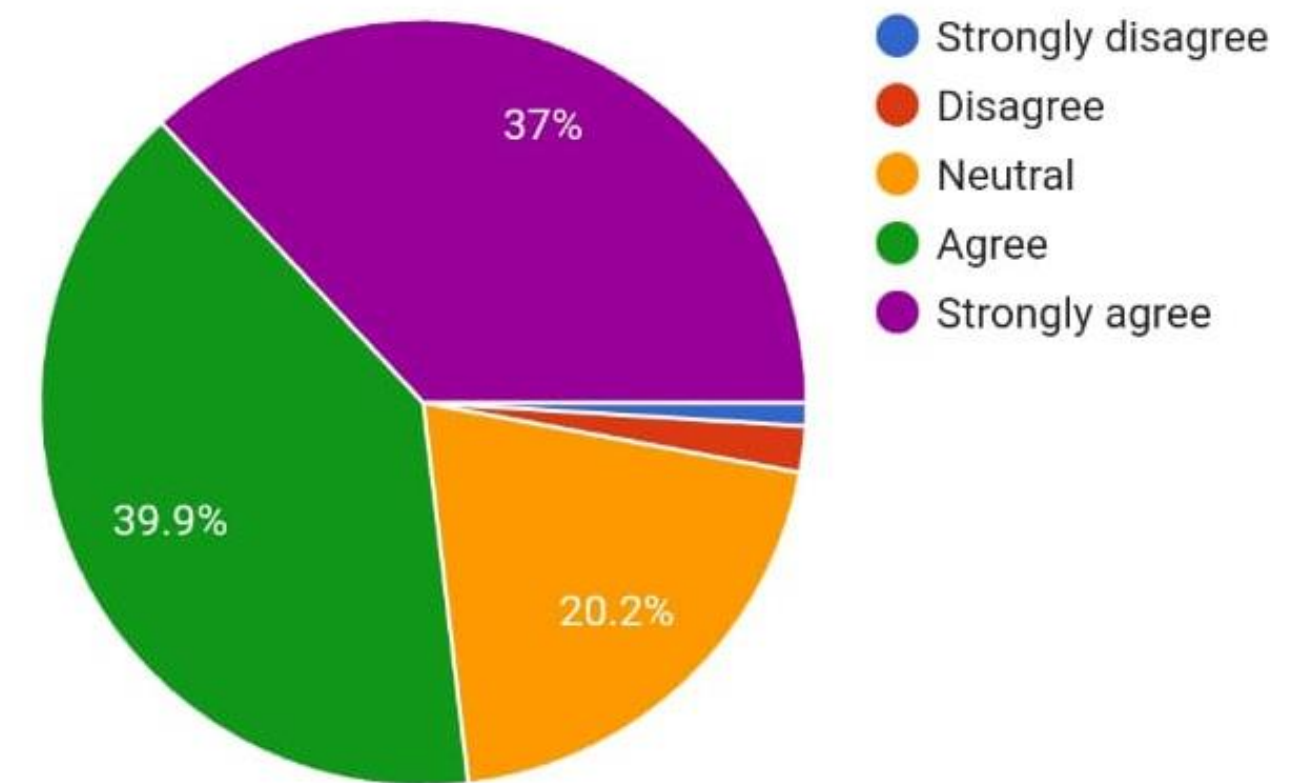
To what extent do you agree to the following: Visualising 360 degree videos of the different natural hotspots in Mauritius can help people who have disabilities to attend those places?

411 responses



To what extent do you agree with the following statement: Visualising a 360 degree video through a virtual reality headset can contribute to the peacefulness of the mind?

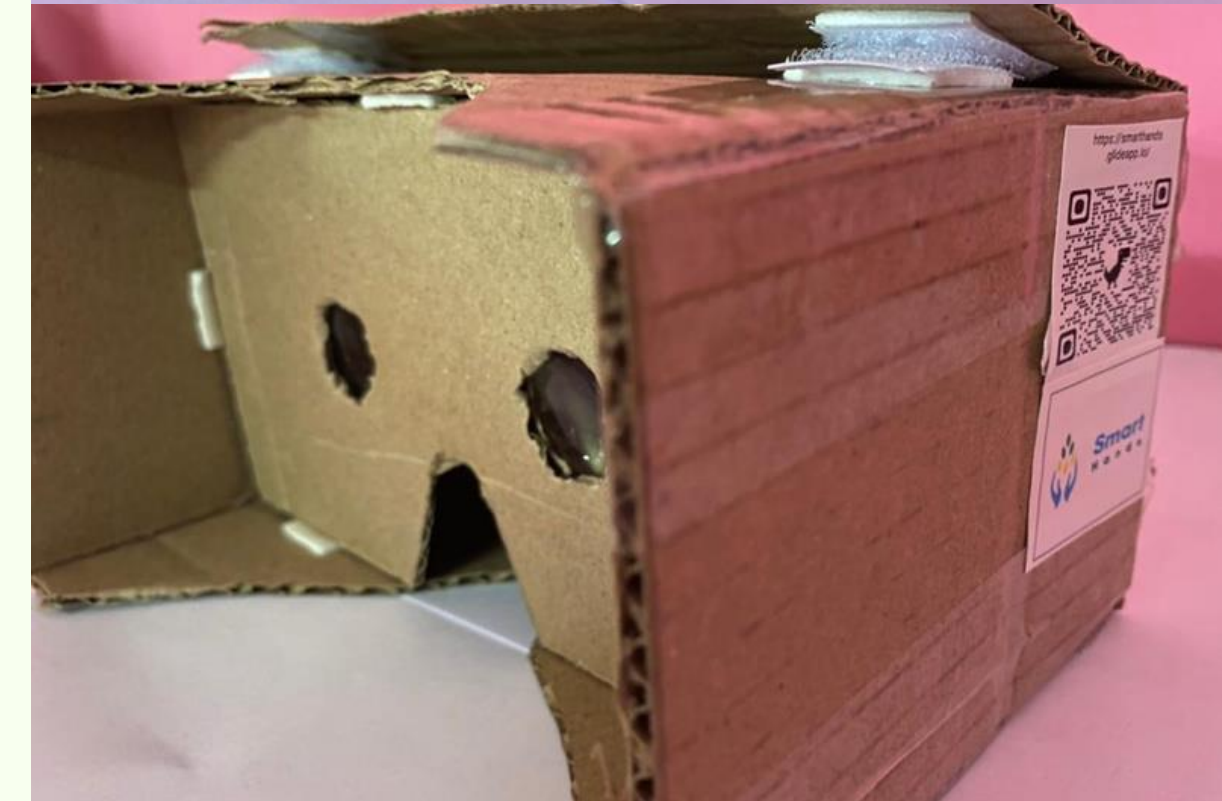
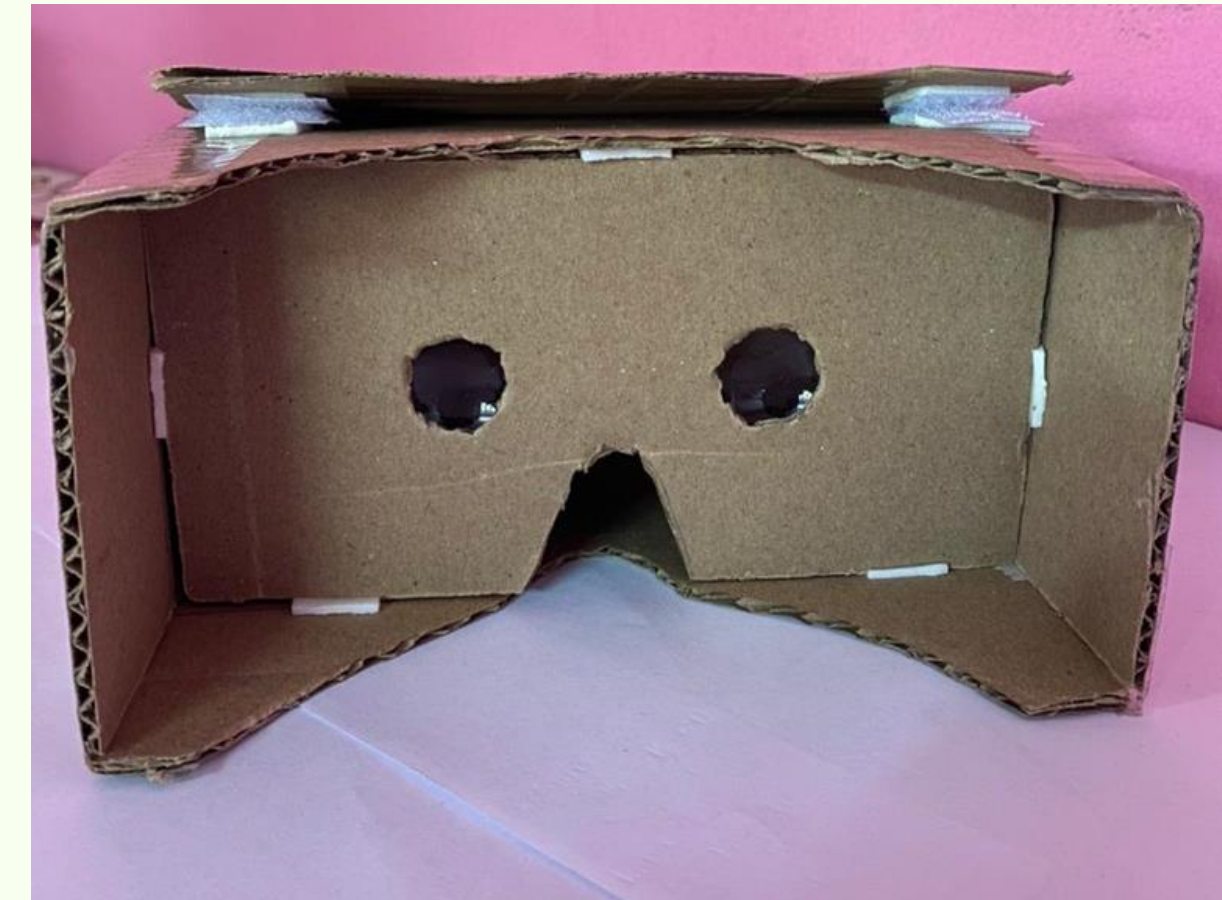
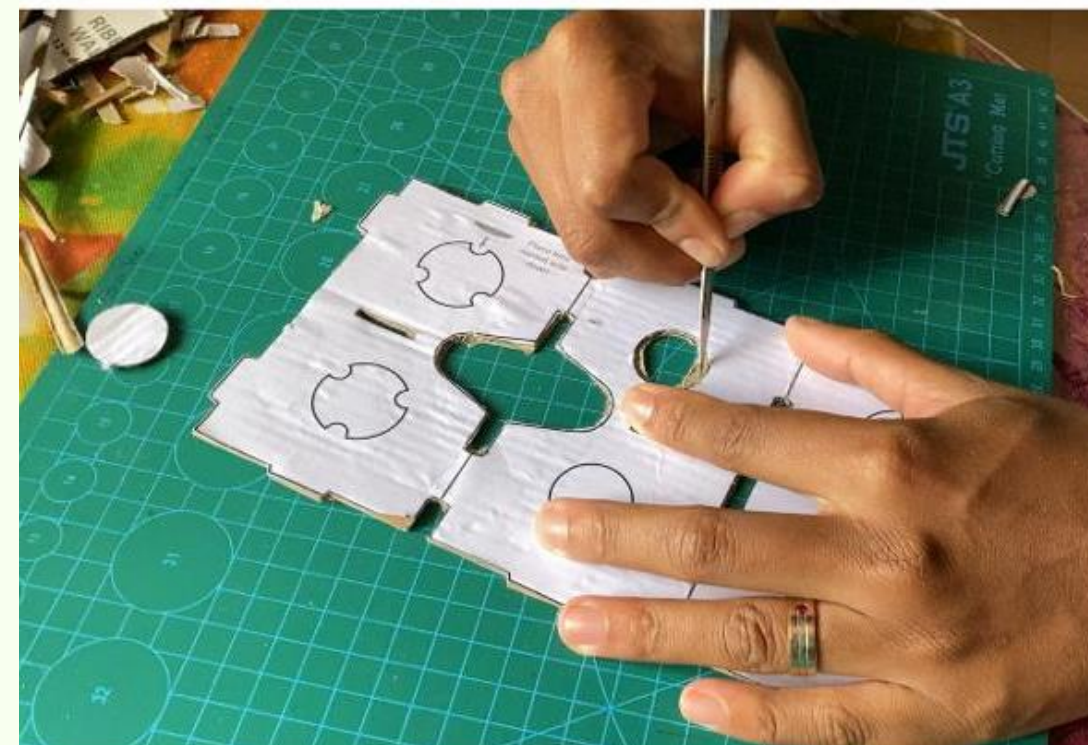
411 responses



A tropical beach scene with turquoise water, white boats, and a large island in the background, framed by tree branches. The text "Innovativeness of solutions selected" is overlaid in white. The scene is a tropical beach with turquoise water. In the foreground, there are several white boats, some with red stripes, and a person in a white shirt and cap is standing on one of them. In the background, there is a large, dark, rocky island. The sky is blue with some clouds. The text "Innovativeness of solutions selected" is overlaid in white. The scene is a tropical beach with turquoise water. In the foreground, there are several white boats, some with red stripes, and a person in a white shirt and cap is standing on one of them. In the background, there is a large, dark, rocky island. The sky is blue with some clouds. The text "Innovativeness of solutions selected" is overlaid in white.

Innovativeness of
solutions selected

Turning paper trash into Virtual Reality Headset



WE RECYCLE 



ENDPRODUCT

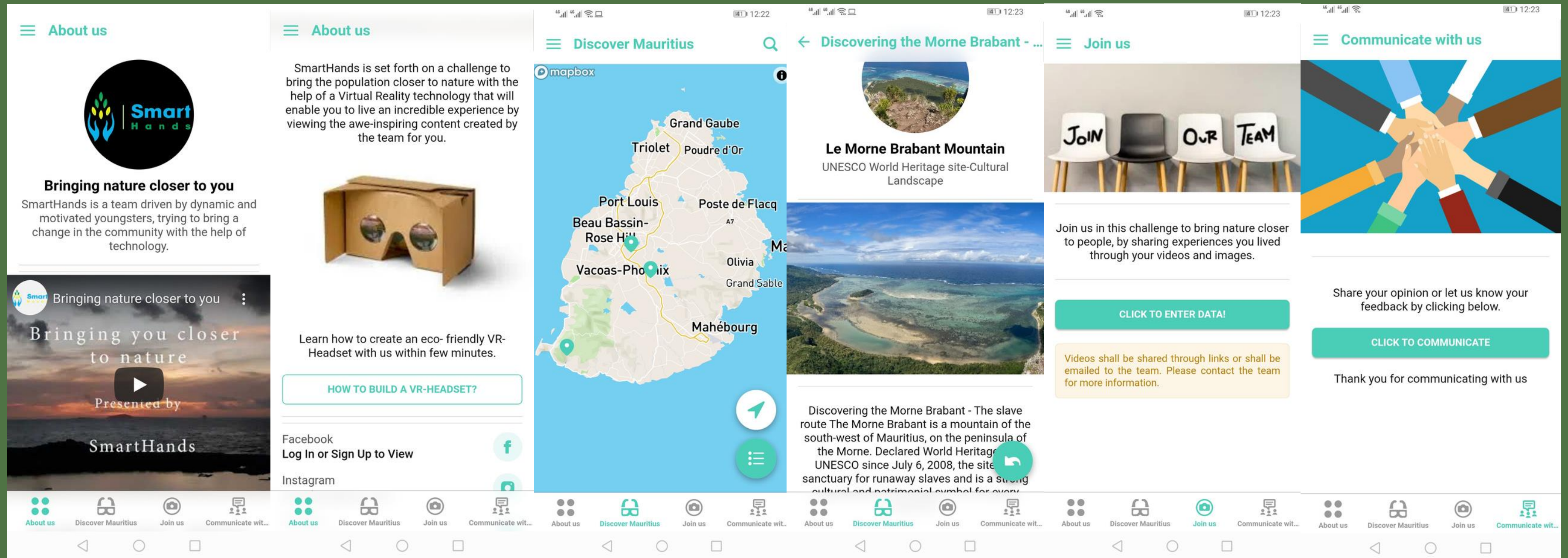


Download the app on your phone, launch it then gently insert your phone in the headset

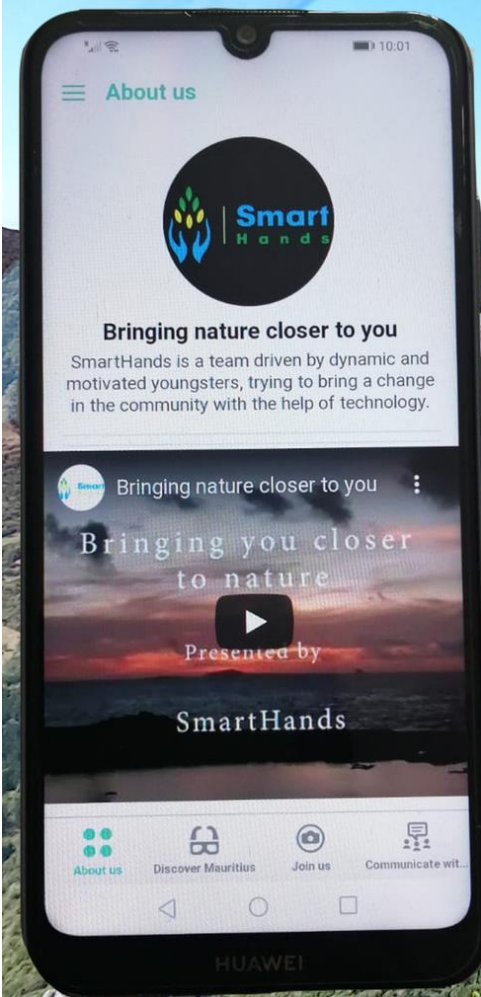


Enjoy the immersive 360 degree video wherever you are

Mobile App



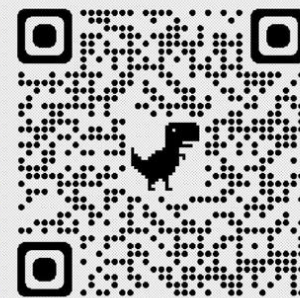
Bringing you Closer to Nature



SmartHands is a dynamic, young, and motivated team which paired up for the National Leadership Engine organised by the National Productivity and Competitiveness Council.

Our community-based project is to promote 360-degree videos using immersive virtual reality experience making our local fauna and flora accessible to everyone.

<https://smarhands.glideapp.io/>



Follow and like our page on

SmartHands_mu



SmartHands



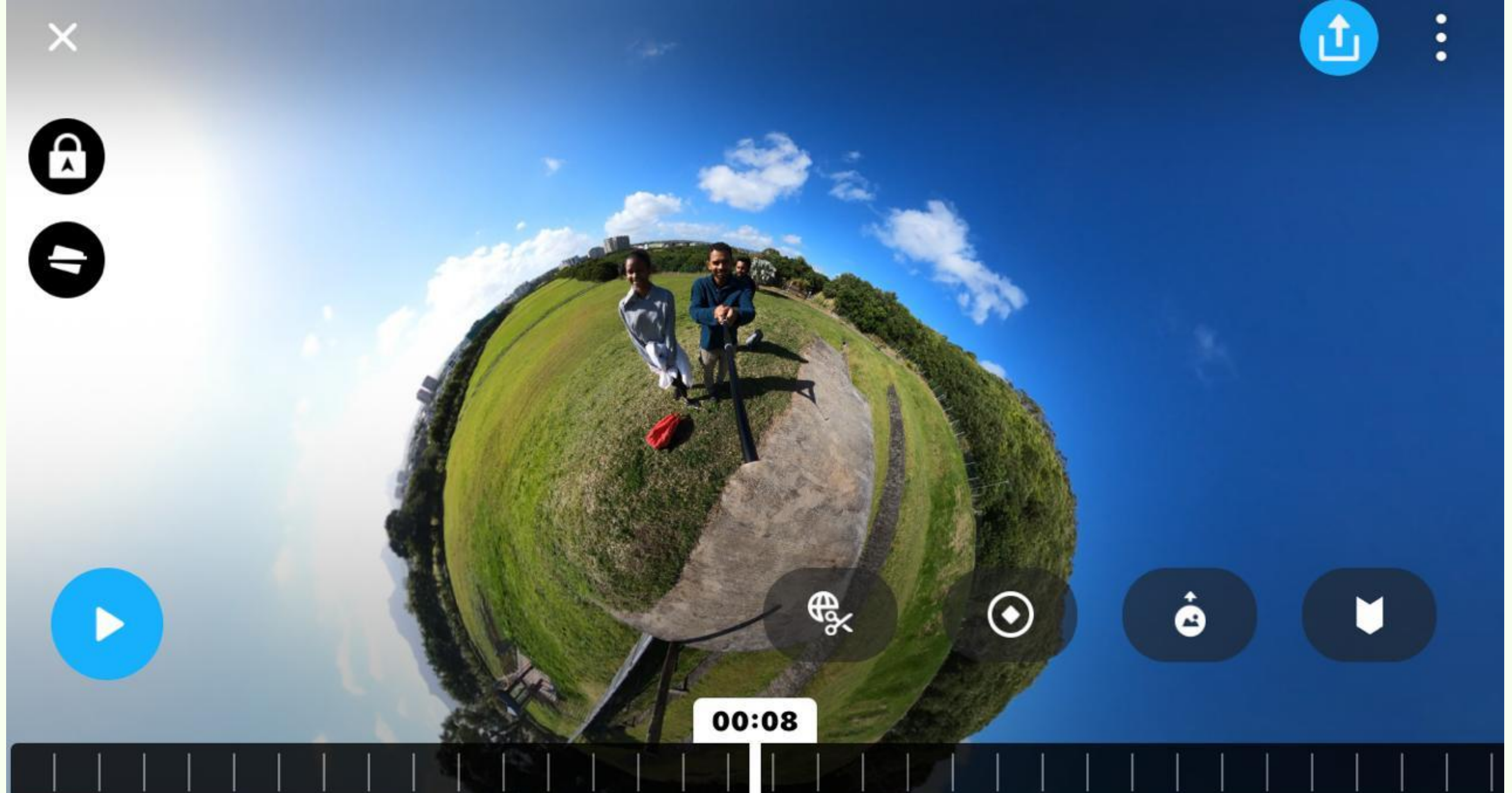
Scan qr code to access our mobile app

Immersive 360 Degree Video Experience



MATERIAL USED: GOPRO MAX 360, A DRONE AND A LAPTOP FOR EDITING

SmartHands team members in the site of exploration for recording 360-degree video of 5.6K resolution



Once recording completed, it is edited in the proper format then upload to our YouTube Channel



Smart Hands

14 subscribers

CUSTOMIZE CHANNEL

MANAGE VIDEOS

HOME

VIDEOS

PLAYLISTS

CHANNELS

DISCUSSION

ABOUT



Uploads

▶ PLAY ALL



Le Morne Brabant

17 views • 1 month ago



Curepipe Botanical Garden
Through 360 degree lense



Discover Le Morne Brabant
through from a 360degree...



Curepipe Botanical Garden
through a 360 degree angl...



Curepipe Botanical Garden
through a 360 degree angl...

Our YouTube Channel holds all our videos of the different sites, our channel is linked with our mobile app where only the 360 degree videos are accessible through the app and all sites have a short trailer which is public.



Activities

Actions taken by team members

Presentation of the project to the community



SmartHands' first event had taken place on Saturday, August 28th, at the Phoenix Mall.

In this first workshop, which has as theme 'Discovering nature from another lense', we, SmartHands, have presented our initiative to the community. In addition, our mobile application has been launched online during this workshop.





To our great satisfaction,
SmartHands' initiative was well
received by the public at Phoenix
Mall.



In fact, over 150 persons approached us to
learn more about our project and what
they could do to assist us in our effort.





Our virtual day event at phoenix mall

Visit Phoenix Mall & COLLECT YOUR PHOENIX MALL XP!

Phoenix Mall by Ascencia

SAT 18 SEP: Harry Potter Themed XP
Kids Corner, Magic Show, Meet Harry Potter

SAT 25 SEP: Local Discovery XP
Traditional Mauritian Games, Live Music

SAT 02 OCT: Experience our Brands
Live Statues, Mall Contest, Much more surprise in the shop window!

SAT 09 OCT: Foodie XP
Kids Activities, Live Music, Happy Hour

SAT 16 OCT: Active XP
Mall Contest, VR Experience, Just Dance Challenge

OPEN SHOP

Ascencia

Phoenix Mall by Ascencia

Creating Awareness through Different medium



SOCIAL MEDIA

Facebook page: SmartHands

Instagram page: Smarthands_mu

Tiktok: smarthands_mu



NEWS PRESS RELEASE

Defimedia / La minute Techno

L'Express, Le Mauricien



ONLINE ADVERTISEMENTS

We reached out to several young mauritian influencers to become brand ambassadors of SmartHands and help us promote the project.



MEDIA

We look forward to conduct several webinars to better implement the project in the community.

Progress Indicators

August - September 2021



SOCIAL MEDIAS

We created our social media pages in August and started a YouTube channel also. We are enthusiast as we are gaining followers everyday as in less than a month, we reached more than 500 followers and have more than 1000 views on our TikTok videos.

COLLABORATIONS

We collaborated with different stakeholders and are currently working with different 10 young Mauritian influencers to become our brand ambassadors and promote the project among the community. We are also collaborating with a foreign vlogger that help us to record videos abroad.



Stakeholders Involved

Sponsors, collaborators, individual bodies



Phoenix Mall
by Ascencia



CAPRICORN
FOODIES



- 🌿 Mr. Daniel Arequion
- 🌿 Mr. Kishan Narraidoo
- 🌿 Mr. Antoine Riviere
- 🌿 Ms. Ruchama Eranah
- 🌿 Ministry of Arts and Culture
- 🌿 Ministry of Agro industry and food security



Our team members offering certificates of appreciation to our sponsors as a way to thank them for their support.

A close-up photograph of several light pink flowers with delicate petals and visible stamens. The background is a soft-focus green, suggesting foliage. A semi-transparent white rectangular box is overlaid on the right side of the image, containing the text.

**Difficulties/Challenges
encountered during
implementation**

Challenges

- Looking for funding through sponsors.
- Have to order our focus lenses from China as DIY lenses were blurred.
- Have to readjust the size of the cartoon headset to fit in all sizes of phones.
- Difficult to host events or workshops due to Covid-19 sanitary restriction; access from school, homes were restricted.
- To edit and upload high-resolution videos on our YouTube Channel.



Results Achieved /Testimonies

Testimonials

- " A really thrilling project! SmartHands' initiative is an innovative one; mostly for the seniors like me who like adventures and that unfortunately because of some health issues are unable to explore the various nature spots in Mauritius."


- Kishan Narraidoo

- "It is a very innovative project and will help a lot of people. The project merges technology and nature perfectly. It is wonderful that young people take initiative to bring change in the country. Keep it up."

- Kotpiaale Team

- "The project is excellent! It has a big potential. It is a great work being done; it is appealing and useful. Personally, i love the concept as it helps me to discover more about nature."

- Ruchama Eranah




Farhaan Krmn

recommande SmartHands.

2 j • 🌐

...

Le projet est très innovatif et prometteur
Hate de bénéficier de ça 🤩




Shalinah Joosub

recommande SmartHands.

2 j • 🌐

...


I really find the project interesting. It's new and refreshing for those who are unable to enjoy the experience of hiking. I am looking forward for what may come next. Keep it up SmartHands!



Rajini Putten

A Wonderful initiative ..

- C'est vraiment intéressant, je suis toute oui pour le projet
- Envoyé un texto sur whatsapp
- 54939097
- Interested about the project you guys just create and innove



Ayush Taushik Ramessur


recommande SmartHands.

Hier à 20:25 • 🌐

!

..


Projet très innovateur à Maurice. Hâte d'en profiter.



kotpiale

When younger generations make you reconnect with nature, we fully support them.

Bravo Smart Hands for this wonderful project you have our full support.




Shek Ina

recommande SmartHands.


2 j • 🌐

...

Great work Its amazing People will definitely benefit from this Continue to keep going because its excellent



Am thrilled with the project!! Kudos to you all!! I wish to help wherever and whenever I can 😊



jc_accs


👍❤️

8 w Reply

Belle initiative

Je vous encourage à aller de l'avant

We can of course collaborate



JU YAn

recommande SmartHands.

2 j • 🌐

...

I really love this organization. I was present at their presentation at Phoenix mall and loved the blazing spirits of the young people. 12/12 recommendation.



Shekina Eranah

recommande SmartHands.

mar. à 09:17 • 🌐

!

...

Very good initiative from these youngsters They are doing a great job and at the same time they are helping us to discover our b...



Vaibhavee Viveka

Very well done team 🥰

12 sem J'aime Répondre 1

Alors la chapeau

Cest grave stylé comme projet



Our News Press Release

Photos et vidéos : ces plateformes pour visiter l'île Maurice devant son écran

31 JUILLET 2021



PAR PATRICE DONZELOT
Contact: patrice@defimedia.in

« Bringing nature closer to you »



« Bringing nature closer to you » est le projet de cinq jeunes mauriciens réunis sous le nom de SmartHands. Ils ont débuté leur collaboration dans le cadre d'un programme organisé par le National Productivity and Competitiveness Council (NPCC). Le National Leadership Engine a pour objectif de développer des projets innovants et utiles pour la société. Sur leur plateforme, on retrouve des vidéos à 360 degrés et en résolution 5,6 K, ainsi que des photos. Elles sont visibles notamment via une application pour téléphone mobile. SmartHands propose également de fabriquer soi-même un casque de réalité virtuelle (VR) avec du carton et un smartphone. Avec cet outil, les utilisateurs peuvent contempler les vidéos à 360 degrés.

« Les membres de notre équipe dévouée ont utilisé leur créativité pour que des objets soient créés avec des déchets. Cette idée est une approche innovante à Maurice. Nous pouvons capturer à la fois des images et du son grâce à notre caméra spécialisée. Notre objectif est de filmer plusieurs beaux paysages comme les montagnes, les cascades, les parcs naturels et les réserves naturelles, entre autres, auxquels les gens ne peuvent normalement pas accéder », explique Dominique Baho, team leader de SmartHands dans une correspondance au Défi Plus.

SmartHands pense notamment aux utilisateurs qui ne peuvent pas se promener à cause de leurs problèmes de santé ou à ceux qui cherchent de nouveaux lieux à visiter. « Nous pensons que cette innovation peut donner aux utilisateurs un meilleur état d'esprit et les conscientiser à la protection de la nature à travers des vidéos à 360 degrés. Nous avons choisi le nom SmartHands, car nous pensons tous qu'apporter une solution innovante utilisant la technologie peut façonner un meilleur avenir. Pour réaliser ce que nous désirons, il faut travailler main dans la main. Ce n'est qu'ainsi que nous pouvons accomplir beaucoup pour notre société et améliorer la vie des gens », commente Dominique Baho.

Link : <https://defimedia.info/photos-et-videos-ces-plateformes-pour-visiter-lile-maurice-devant-son-ecran>



La Minute Techno - Bringing nature closer to you

...

<https://www.facebook.com/watch/?v=425374388718830>

«Smart Hands For Nature»: des randonnées virtuelles de sites difficiles d'accès



«Smart Hands for Nature» fait vivre une expérience immersive à ceux qui ne peuvent accéder à certains sites.

Les Sept cascades, l'Île Ronde, l'Île-aux-Aigrettes, Ebony Forest, la montagne du Morne Brabant, autant de reliefs arpentés par des randonneurs aguerris, mais souvent inaccessibles pour les marcheurs du dimanche ou ceux qui aiment le farniente. *Smart Hands for Nature* vous transporte aux quatre coins de l'île pour découvrir ces sentiers, ces chutes d'eau, ces plantes endémiques et ces espèces protégées. Les pentes, les cours d'eau et les chemins inaccessibles ne font pas peur à ces jeunes, qui veulent offrir une incursion naturelle à travers un écran tactile.

Dominique Baho, biologiste et chef du projet *Smart Hands For Nature*, souligne que la randonnée est une activité très prisée des Mauriciens. *«Sauf que tous les sites ne sont pas accessibles aux amateurs de sorties. C'est de là que l'idée a émergé. Rendre accessible ce qui est inaccessible et, par ricochet, faire grandir notre communauté de randonneurs. C'est notre mission. Nous voulons offrir des images en 360 degrés et des photos de qualité supérieure pour ceux qui ne peuvent se rendre dans ces lieux inédits, toujours protégés du développement.»*



Dominique Baho entouré de ses amis.

Dominique Baho explique que c'est lors du *National Leadership Engine*, une formation du *National Productivity and Competitiveness Council* (NPCC), qu'il a rencontré d'autres jeunes, qui voulaient découvrir la nature, mais ne savaient pas comment faire. *«Nous sommes cinq personnes, dont certaines n'ont jamais fait de la randonnée. Pour démarrer notre aventure commune, nous avons donc organisé des sorties sur des sites accessibles. Notre mission est de rapprocher les Mauriciens de leur île avec ces lieux méconnus mais fréquentés par les randonneurs. C'est un moyen de montrer la beauté et la richesse de notre pays»*, a souligné le jeune biologiste.

Personnes âgées, handicapées...

L'application mobile permettra aux personnes âgées, handicapées, aux touristes et aux Mauriciens de visiter plusieurs lieux à travers leur smartphone. «*L'application mobile est à multiples dimensions, soit pour l'éducation des enfants, pour rapprocher les Mauriciens de la nature, pour la sensibilisation à sa protection et aussi pour promouvoir l'écotourisme*», a fait ressortir Dominique Baho, qui nous montre les vidéos tournées dans les lieux de randonnées. L'application mobile sera lancée lundi prochain par *Smart Hands for Nature*.



Le casque de réalité virtuelle en carton va permettre de visiter des lieux naturels de son salon.

Comment sont choisis les sites pour la randonnée virtuelle ? À cette question, notre interlocuteur parle des lieux qu'il a lui-même visités. «*Étant biologiste, j'ai eu l'occasion de visiter pas mal de lieux, comme l'Île Ronde où très peu de personnes se rendent. J'ai fait des shootings photos et des vidéos. Alors que pour les autres sites de randonnée, je dois voir si le parcours est accessible à mon équipe. Au cas contraire, je vais sur le terrain ou je me fais accompagner par des habitués. Les prises de vues sont faites avec des sons de la nature pour rendre l'expérience plus réelle*», raconte le biologiste.

Ce projet vise à attirer des touristes, des investisseurs et des chercheurs. «*Nous avons une flore et une faune uniques. De nombreux étrangers viennent en stages d'études ou pour découvrir cette partie de Maurice.*»

Fonds marins

Dans l'offre de *Smart Hands for Nature*, il y a aussi un volet concernant l'exploration des fonds marins de Maurice. Ce groupe de jeunes veut s'atteler à un projet d'envergure, à savoir, recycler des déchets pour créer des casques immersifs de réalité virtuelle.

Basé sur les *Virtual Reality cardboard*, il suffira de placer son smartphone au bout du casque pour accéder à cet univers naturel grâce aux images et à la vidéo de *Smart Hands for Nature*. Être en contact avec la nature ne sera alors plus qu'à quelques clics.



Par Florian Lepoigneur

📅 30 JUL 2021

🕒 21:45

💬 1

Link : <https://www.lexpress.mu/article/397393/smart-hands-nature-randonnees-virtuelles-sites-difficiles-dacces>

A vibrant tropical scene featuring a large, rounded mountain covered in dense green forest. The foreground is filled with various tropical plants, including long, slender palm fronds on the left and thick, leafy shrubs on the right. The sky is a clear, bright blue with a few wispy clouds. The text "Continuity of the project" is overlaid in a white, serif font on the right side of the image.

Continuity of the project



LAUNCHING OUR NGO

- looking for funding through CSR and international funding.
- Develop collaboration with local NGO's whose mission is environmental protection.
- Promote gender equality through the development of short interactive video

USE 360 DEGREE VIDEO AS A MEANS OF EDUCATIONAL TOOLS FOR STUDENTS OF PRIMARY & SECONDARY

- Awareness campaign on sensitive subjects like climate change, global warming and coral bleaching.
- Awareness campaign on the dangers that youth faces at an adolescent period like drug consumption

PROMOTE THEMATIC VIDEO TO MEMORISE ALL GOOD MOMENTS OF LIFE

- Promote the creation of thematic in view to memorise all the best moments in life.
- Creation of thematic videos categories as romance, comedy, action, horror , etc...
- Promote thematic videos about the history of Mauritius including historical sites

CREATION OF A PROFESSIONAL WEBSITE AND UPGRADE OUR MOBILE APP

- Create a website to make our 360-degree videos and photos more accessible.

DEVELOP INTERNATIONAL PARTNERS

- Develop international partners with the aim to help people to travel the world through 360-degree experiences photos and videos.

Upcoming EVENTS



**WEBINAR ON:
DISCOVER NATURE
THROUGH
VIRTUAL REALITY
IN OCTOBER**



**BRINGING PEOPLE
CLOSER TO NATURE
IN
OCTOBER/NOVEMBER**



**CHRISTMAS
THROUGH
VIRTUAL REALITY
IN DECEMBER AT
PHOENIX MALL**

TEAM MEMBERS



**Mrs. Gayetree Samboo
(Trainer)**



**Mr. Ashvinsing Soorjee
(Co-Trainer)**



**Mr. Dominique Baho
(Team Leader)**



**Ms. Yogeshwari Devi Bheekarry
(Co-leader)**



**Ms. Céline Modeste
(Secretarial leader)**



**Ms. Anastasia Arequion
(Communication leader)**

