



arcasia committee on young architects

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# BULLETIN 3.0



arcasia committee on young architects

ISSUE NO. 3 BULLETIN

## ACYA #WFH WORKSHOP

IMPACT OF COVID-19  
PANDEMIC ON YOUNG  
ARCHITECTS

## THE WORLD IS HEALING:

Art as a medium of healing  
featuring artworks by  
#JustBruneians artists

Cover Image by Asyran Hazwan

PUJA BRUNEI X JUST BRUNEIANS EDITION



# EDITOR'S NOTE



**'AFIFAH SYAHIRAH  
ABDULLAH SOEFRI**

Young Designer Representative  
PUJA Brunei Architect's Division |  
Architect's Section,  
Public Works Department,  
Brunei Darussalam



**NUUR BADRIYYAH HAMBALI**

Architect's Section,  
Public Works Department,  
Brunei Darussalam



**KHAIRUNNISA MUIZZAH  
ANSRAWI**

Architect's Section,  
Public Works Department,  
Brunei Darussalam

## Editor's Note

“ In the early months of 2020, the world was put on hold due to the pandemic that is Covid-19. Every nation found itself to be vulnerable, and had no choice but to put itself in pause mode. Little did we know that this pause would open up doors we would never see should we have kept going. The pause allowed us to reflect on life, loved ones and our careers, amongst many other things. Some have even noticed that the pause allowed mother nature to be able to rejuvenate from the effects caused by man.

For the profession, the pause allowed us to come together when we needed it most; constant check-ups on fellow country members of ARCASIA through messages, keeping the flow of information going through forums via online platforms, and just overwhelming support for each other during this difficult time.

It is our greatest honour to be able to edit, produce and present the ACYA Bulletin 3.0. This issue is a collaborative effort by fellow colleagues and young architects, Badriyyah and Nisa, as well as with the very talented Liyana Hanif from Just Bruneians, a progressive, creative movement in Brunei.

We are happy to be able to portray activities and events held by ACYA during the Global Pandemic in this issue from surveys to 'Work From Home' Workshops. A special feature in the bulletin includes a National Isolation Centre built in Brunei over the course of four weeks in order to combat the pandemic.

We also proudly feature two local Bruneian artists who have produced art pieces as a way of expression during the Covid-19 Pandemic.

Sit back, relax and we hope you find this bulletin as a source of motivation and happiness during this difficult time.

**'AFIFAH SYAHIRAH ABDULLAH SOEFRI**  
Young Designer Representative  
PUJA Brunei Architect's Division

# THEY'RE JUST BRUNEI -ANS

## ABOUT JUST BRUNEIANS

There are so many Bruneians that deserve to be noticed for their passion, skill and creativity. Possessing creative talents is something to be respected and admired. Possessing creative talent is also something you should be proud of.

Liyana Hanif an art director and graphic designer started a creative movement called Just Bruneians, that attracted a lot of attention and positive responses. She wanted to get closer to the community and share creative ideas with them. Through her passion project – “Just Bruneians” – she remains committed to the building of a vibrant community of local creatives here in Brunei Darussalam.

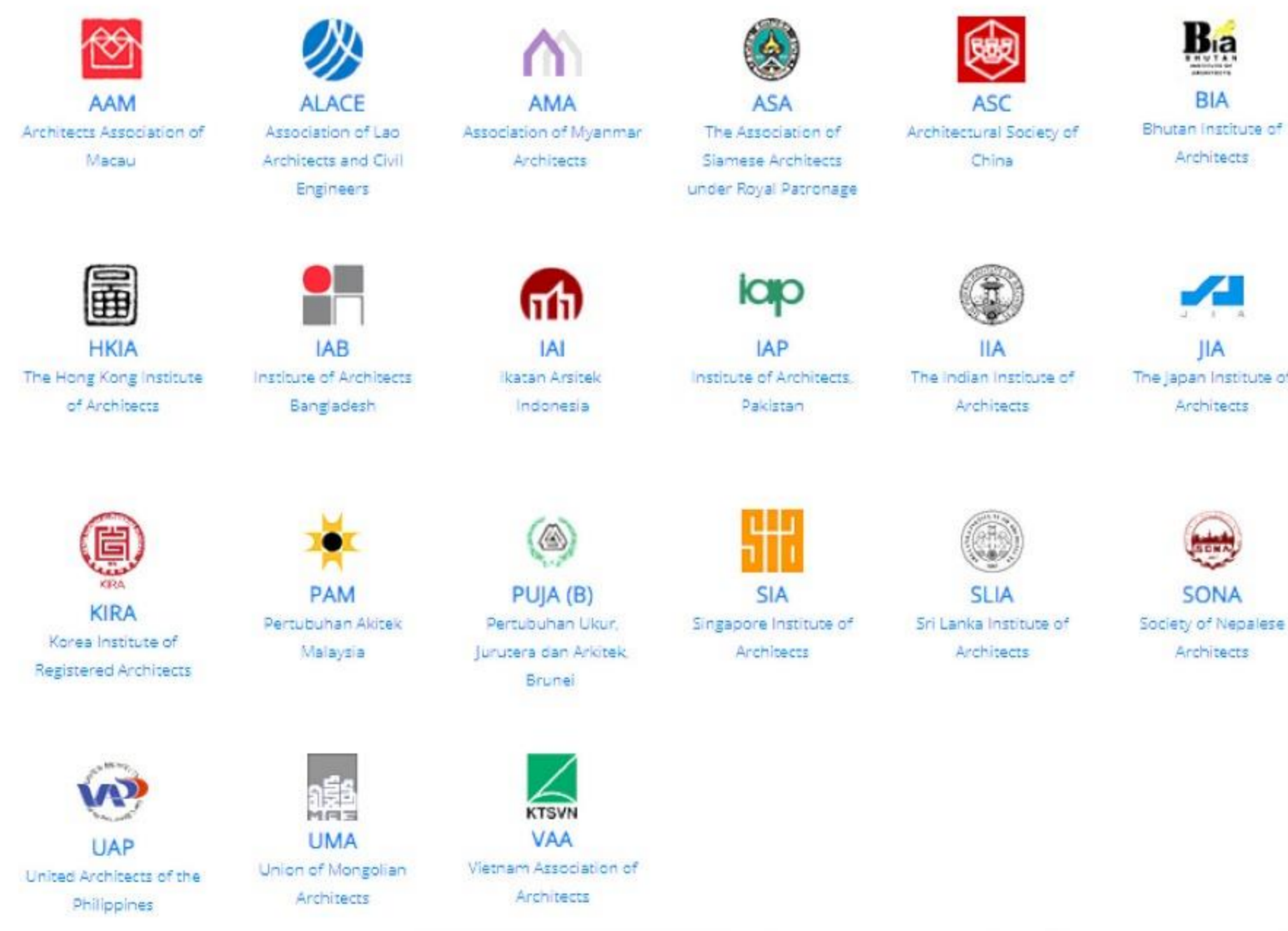
**CREATIVITY SHOULD NOT  
BE UNDERVALUED.  
IT SHOULD BE ADMIRIED.**

The project aims to expand to an online platform that will feature local creatives in industries like art, music, performing arts, creative writing, graphic design, photography, interior design, culinary, film and more. With the help of local Content Creator, Faiq Airudin and Web Developer, Hazirah Marzuke - the online platform will make it easier for local creatives, and consumers to network with, and support other local businesses.



**Liyana Hanif**  
www.liyanahanifdesign.com  
Instagram: @vanilliy

Just Bruneians' mission is to highlight the aspect how we can encourage more value and admiration towards creativity in the local community. The creative community grows when we stay strong and support each other. Just Bruneians aims to empower Bruneian creatives to stay inspired, informed and provide the opportunity to connect to clients and the local art community.



“

## Dear Young Architects of Asia,

As you all know, the situation of epidemic in the whole world is getting serious. Many countries have started to implement movement control or event lock downs be it partially or wholly.

As Architects, although we are considered non essential service to the operations of the country , we must start to play a role in the society. At this hard times solidarity is important between us to continue to support each other to face this global challenges.

As chairman of the ARCSIA Committee on Young Architects, i urge all young Architects to play a vital role in their respective countries.

There are many things that you can help out during this time of crisis. Some initiatives that can be done by us are:

- 1 Providing financial assistance or crowd funding for the needs
- 2 Donating food, papers, stationeries and others which is depleting at the frontline
- 3 New design ideas using local material for PPe designs
- 4 Coming up with ideas for various Architectural strategies to assist the infrastructure of healthcare
- 5 Providing capacity building for our peers through various platforms
- 6 New ways of peer support to our peers
- 7 Various checklist to create awareness for public to prepare or to face Covid 19.
- 8 Share knowledge how to be productive during the lockdown time.
- 9 Be innovative and creative in all angles using your skills to create easier and better life systems for your community.
- 10 Volunteer in the community if you can.
- 11 Continue to create new research in Architecture for the future.

With the above, the young Architects shall rise and play its role to face this hard challenging times.

Please stay safe and keep the light burning.  
We will overcome this together.

Thank You.

**'AR RIDHA RAZAK**  
Chairman of Arcasia Committee on Young Architects.



## CHAIRMAN'S MESSAGE

# THEY'RE JUST BRUNEI- ANS

JustBruneians

Cover Image Featured Artist



## COVER IMAGE FEATURED ARTIST ASYRAN HAZWAN

### Artwork Description

**HEALING** is a 3D rendered art piece inspired by the recent Covid-19 pandemic. I feel proud and respect for our front-liners who have been heroes during the pandemic.

Throughout the difficult time, I felt that the earth was able to get the rest it needed in order to *"fix some elements or repair some parts of it"*.

I created this art with Maxon Cinema4D with my own textures, shapes, landscapes and rendering phases. Our nature needs to rejuvenation. We need pledge to stop destroying the beauty of nature. This piece focuses on two aspects of the pandemic which are staying at home to combat Covid-19 and minimising global warming.

I believe each individual needs to play their part to stop the pandemic by staying at home, take care of themselves and loved ones, and keeping distance from other people.

See more of his work on instagram @asyranhazwan

## Joanita

### Creative Illustrator

#### Artist Profile

Joanita is a Creative Illustrator who designs whimsy custom pieces ranging from children's nurseries, detailed wedding pieces to wall installations that create colourful, playful and comforting environments at the Children's Wards of RIPAS.

#### Medium

Mixed media (drawn and digital)

#### Description:

When Covid19 reached Brunei's shores I think we all felt the nerves and the anxiety of the unknown. There were difficult days, but through it I found the quick response of Brunei's govt and the calm cooperation that rose amongst the community humbling to witness. With social distancing measures keeping everyone physically apart- art was my medium to band people together in spirit, as well as to show my gratitude to the nation. I drew inspiration for the droplet shaped design from Ryunosuke Sataro's quote that reads, 'Individually, we are one drop. Together we are an ocean'. A merge of various symbols and words of unity represent the tireless efforts made by not just professionals from the health care sector but across all others too, and the words 'Stronger Together' serves as the overarching message that each person's role and response to the situation was Brunei's key to winning the war against Covid-19.





# ACYA MEETING

5TH NOVEMBER 2019

**DHAKA, BANGLADESH**

Chairman ACYA, Ridha Razak welcomed everyone to the ACYA Meeting at the Army Golf Club in Dhaka and commenced the meeting with the Bangladesh national anthem followed by the ARCASIA Hymn.

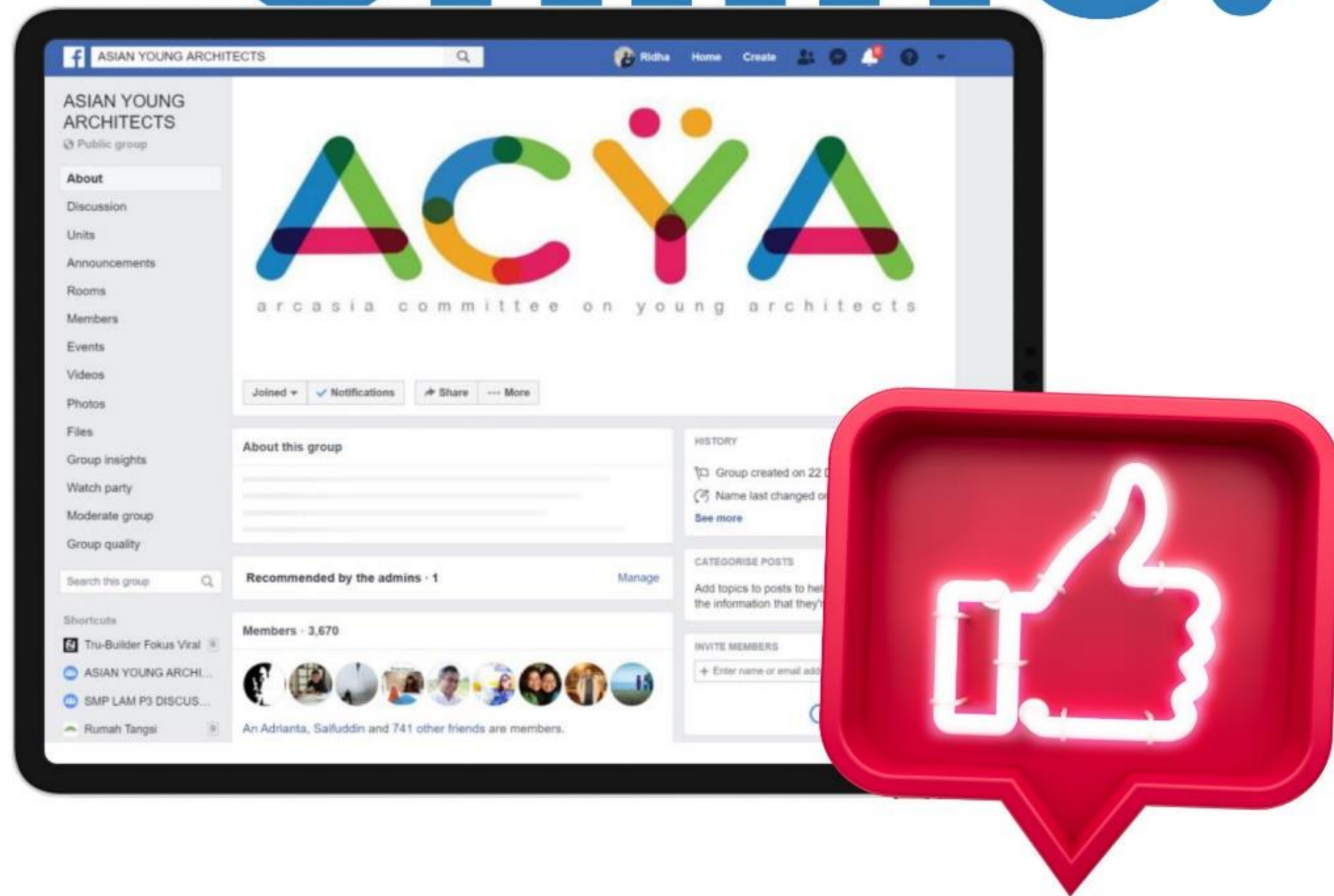
The meeting proceeded, by the Chairman checking the quorum and requesting all attendees to introduce themselves. He then went on to share with the committee and new observers the current progress on ACYA. The meeting proceeded with each country representative / committee member sharing their respective country reports and project progress.

All members updated on youth / young activities in their respective countries and then went on to discuss the following ACYA projects; the Architecture Comic Book (Philippines), program for youth sharing and Futsal Tournament (Nepal), Place-making competition guidelines (India), unpaid internship issues for young architects (Japan), Open Call for Architectural Innovation in Sustainability & Heritage – Food Culture in Architecture (Hong Kong), ACYA Workshop Series till next ACA in Shanghai (Malaysia). An exchange speaker program & design of framework of pool of speakers to choose from (Thailand), Stormathon 3.0 (Indonesia), Recap on the success of the introductory ACYA Youth Forum (Bangladesh), Promotion and expanding of ACYA by introduction of various social media platforms to connect young architects across the globe (Pakistan). Other matters by the permission of the chair included the ACYA Oath prepared and circulated for the committee's approval.

The meeting was followed by an ACYA Practice Innovation Lab (PILA) 2.0 Workshop conducted by Ar. Qhawarizmi (Malaysia) yielded some interesting findings and suggestions for young architects in the future. The meeting ended with a trivia on ARCASIA followed by a certificate participation ceremony.



# Find us online!



## WE'RE ON FACEBOOK

The group was set up by ArcAsia Committee on Young Architect (ACYA) with the vision of having a platform for sharing and exchange knowledge of Architecture, country events, collaboration opportunities, competitions, research and many more between Asian Countries.

Visit the Facebook Page at [ASIANYOUNGARCHITECTS](#)

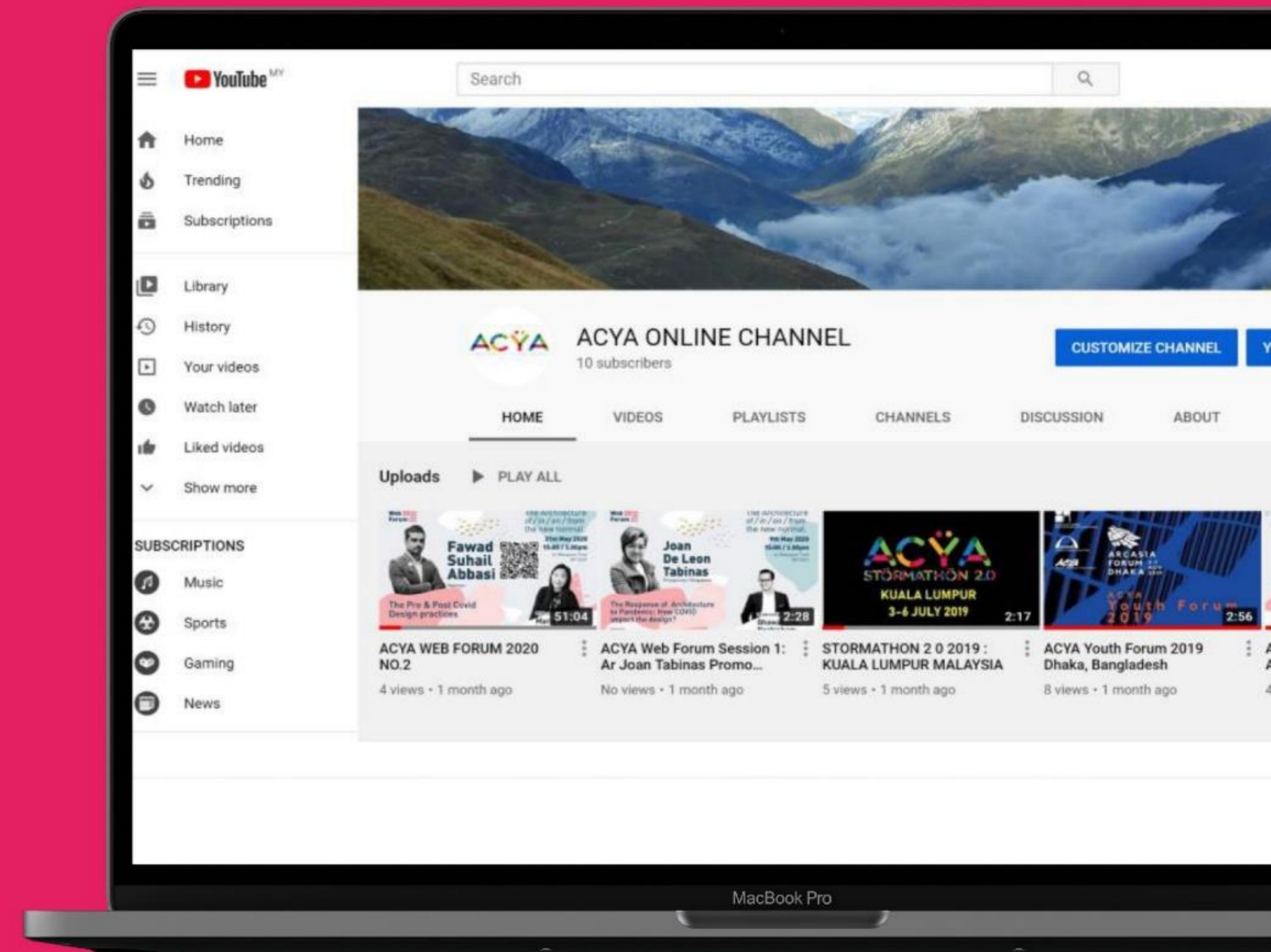
## FOLLOW OUR INSTAGRAM

@acya.arcasia

## WE'RE ON YOUTUBE

ACYA Online Channel is the official Arcasia committee on young Architects platform on Youtube for sharing its activities such as the Arcasia Congress, Forum, Round table, workshops , webinar and many more. The setting up of this channel was in response to the Covid-19 pandemic that occurred in the year 2020.

Visit the Youtube at [ACYAONLINECHANNEL](#)





# CREATING AN ADAPTABLE & FLEXIBLE FUTURE CITY

in a pandemic situation



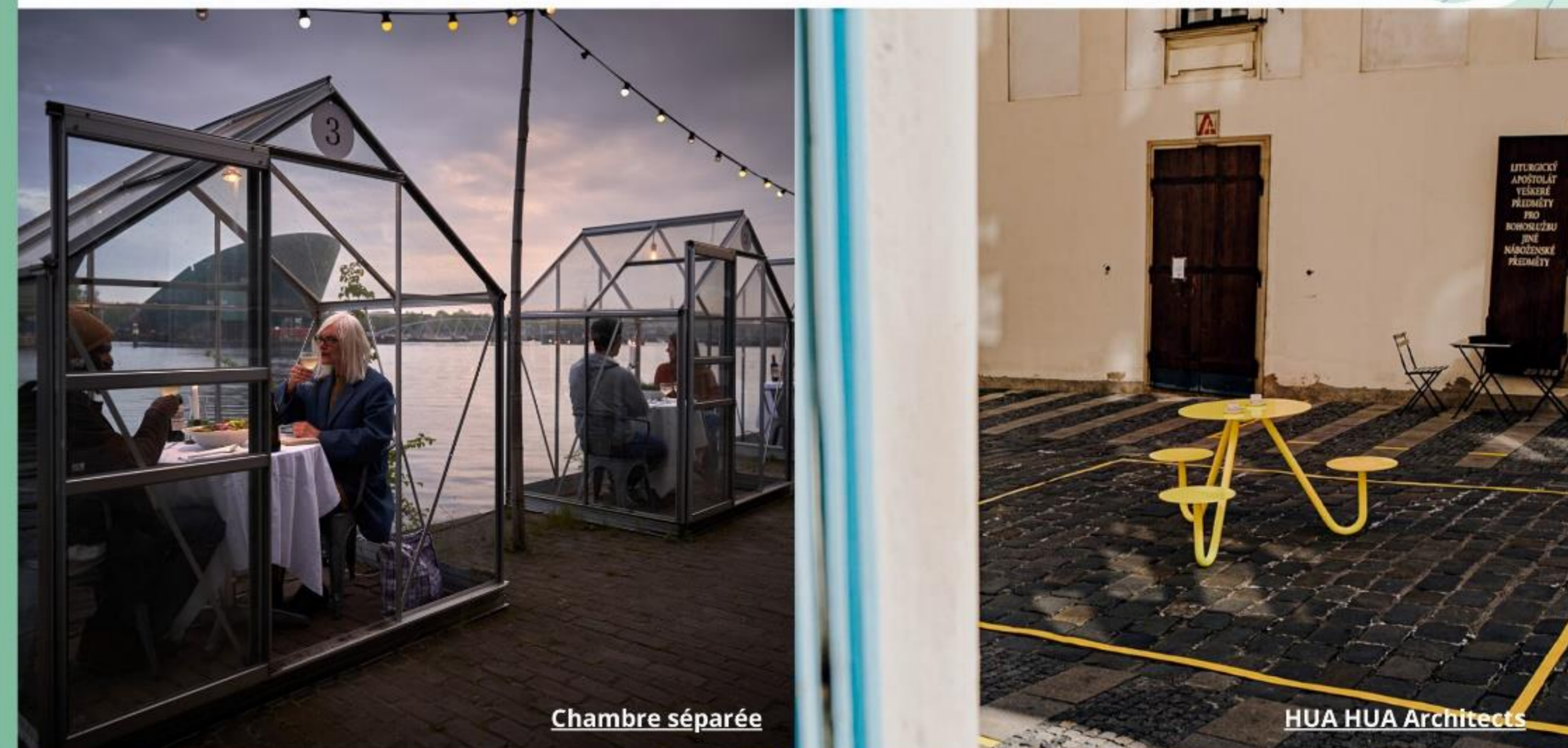
## LANDSCAPE INTERVENTION:

Architecture cannot save the world, at least not on its own. To conduct meaningful and sensitive public engagement in the era of coronavirus, community consultation and engagement, public meetings, co-design sessions, and design charrettes shall be taken into account



## ECONOMY . GASTRONOMY:

As we move forward in the different phases of the pandemic, we will focus again on our intimate spaces. In fact, new configurations and new plans are starting to emerge. The quality and comfort of our homes will become at the top of the list.



Chambre séparée

HUA HUA Architects



# FUNCTIONAL BUILD INTERVENTION:

As the industry resumes, our take on the built environment will become different. In fact, interdisciplinary approaches are already building up, bringing new expertise and views to the practice, to address more efficiently these urgent global issues.



Curly la Tourelle Head Architecture (CLTH)



Lmnts Outdoor Studio

# PERSONAL SPACE . HOME:

As we move forward in the different phases of the pandemic, we will focus again on our intimate spaces. In fact, new configurations and new plans are starting to emerge. The quality and comfort of our homes will become at the top of the list.



Perkins and Will



Work from Home



# EMERGENCY ARCHITECTURE:

Emergency architecture and crisis architecture are topics that will start taking center stage as the world changes. These themes will be more focused in the near future on mitigation of diseases and natural incidents. Sustainability will further consolidate its status as an integral part of every approach, and projects will become more self-sufficient.



Gonzalo Guzman



MMW Architects

# PROCEDURES WHEN VISITING WORK SITE DURING MCO

By: ACYA

## 1 Have the following equipment ready.



## 2 When going into the site.



Check temperature.



Use hand sanitizer.



Observed distancing.



Keep minimum people in the team.

**3** During site visit.



*Keep to a minimum duration in close space where humidity is high, especially units right after plastering or concreting.*



*Avoid walking on puddle of water.*



*Avoid walking into group of workers.*



*Avoid food or other refreshment except bottled water.*

**4** When leaving the site.



*Take off boots before entering car. Sanitize boots and put into a plastic bag.*



*Remove outer cloth and put in a bag. Change into another cloth if necessary.*



*Remove face mask and gloves. Put in a plastic bag and dispose properly.*



*Use hand sanitizer.*



# TIPS FOR ARCHITECTS WORKING AT HOME

By: ACYA

**Establish a dedicated work area.**  
Separate your work space from your leisure space.



**Mitigate against distractions.**  
Avoid constantly checking your social media during work hours.



## Utilize technology

There are plenty of apps that offer cloud-based services such as Autodesk BIM 360, Graphisoft BIMcloud, Google Drive for file management, Zoom for virtual meetings, Slack for project management and webinar for knowledge enhancement.



## Make use of free time

No long commutes means new free time for you. Use it to explore new software, study new topics or read new books.

So many architecture e-books for sale!



## Keep Active!

You don't need to leave your house to exercise. There are plenty of at-home fitness apps to keep you in shape.



# 6 WAYS FOR ARCHITECTS TO DIVERSIFY FOR SURVIVAL DURING COVID-19

By: ACYA

I should think about building another stream of income.

I cannot rely on the service business alone, especially during these uncertain times.





With this software, you can solve the issue of redundant administration issues...

## SOFTWARE

Build a software that save businesses time or makes them more money. As an architect, you know the pain points and problems in the business.

## ONLINE COURSES

If you are an expert in a niche area, why not educate others and sell your knowledge? There are tons of people out there willing to pay for a course in order to speed up their learning curve.

Now, if you look at this figure, you will see that...



## SOLVING COMMUNITY PROBLEMS

Invest your time in understanding people's needs and demands and use your skills and expertise to become a problem solver for the community.

## E-BOOK

Write a book on a topic you've mastered that will save other people time or costly mistakes. A lot of architects would be interested in learning from your expertise.



How about RM1000 for two blog posts?

## ADVERTISING

Think about your expertise, something you're passionate about, and start creating content on several platforms (YouTube, LinkedIn, Twitter ...). If you keep creating valuable content, some revenue, in the form of advertisement, will definitely come out of it.

## INDUSTRIAL DESIGN

Take a good look at booming industries such as renewable energy and smart cities, identify a certain problem, come up with a solution product for it.



# ACYA - YYAF #WFH WORKSHOP

"A dream house that responds to pandemic situation"



## "Let's Create Solidarity through Design"



Due to Covid-19, the world has witnessed a record number of its population staying indoors in their homes for the longest time. People have had to use the same space for work, exercise and leisure, and in certain cases, a room utilised to isolate a family member for quarantine purposes.

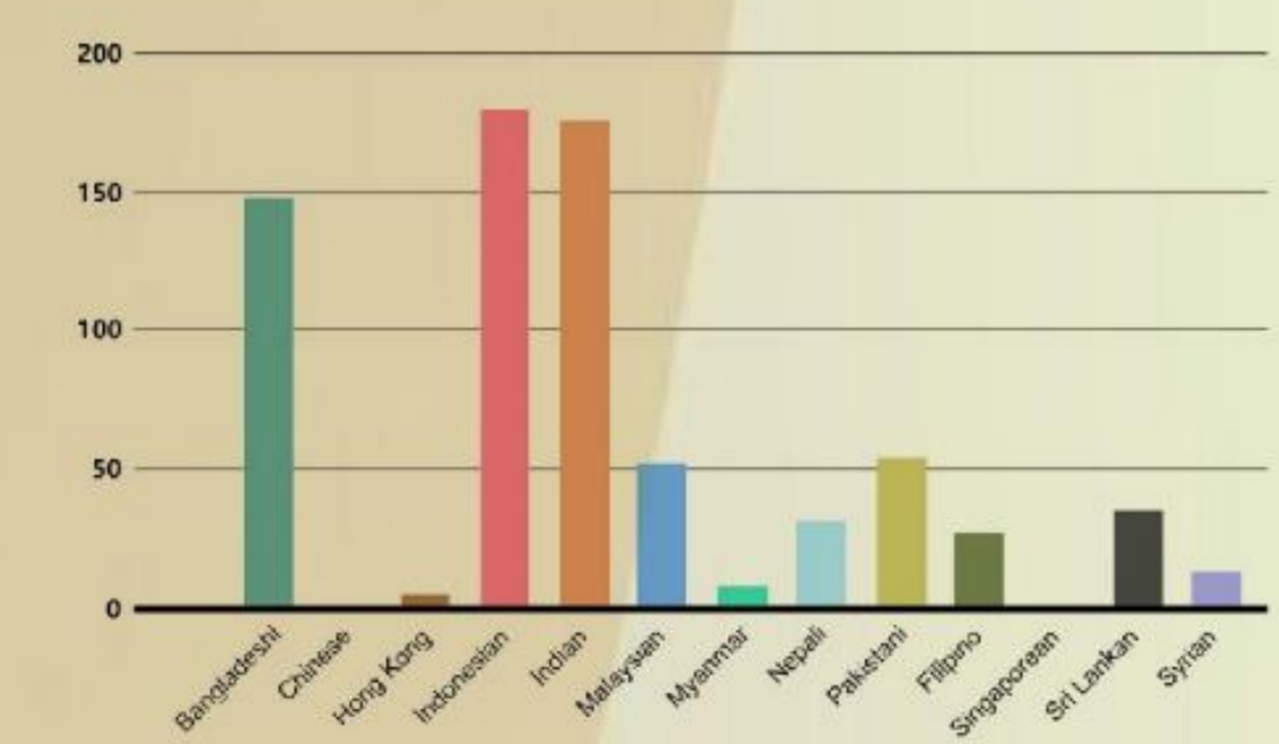
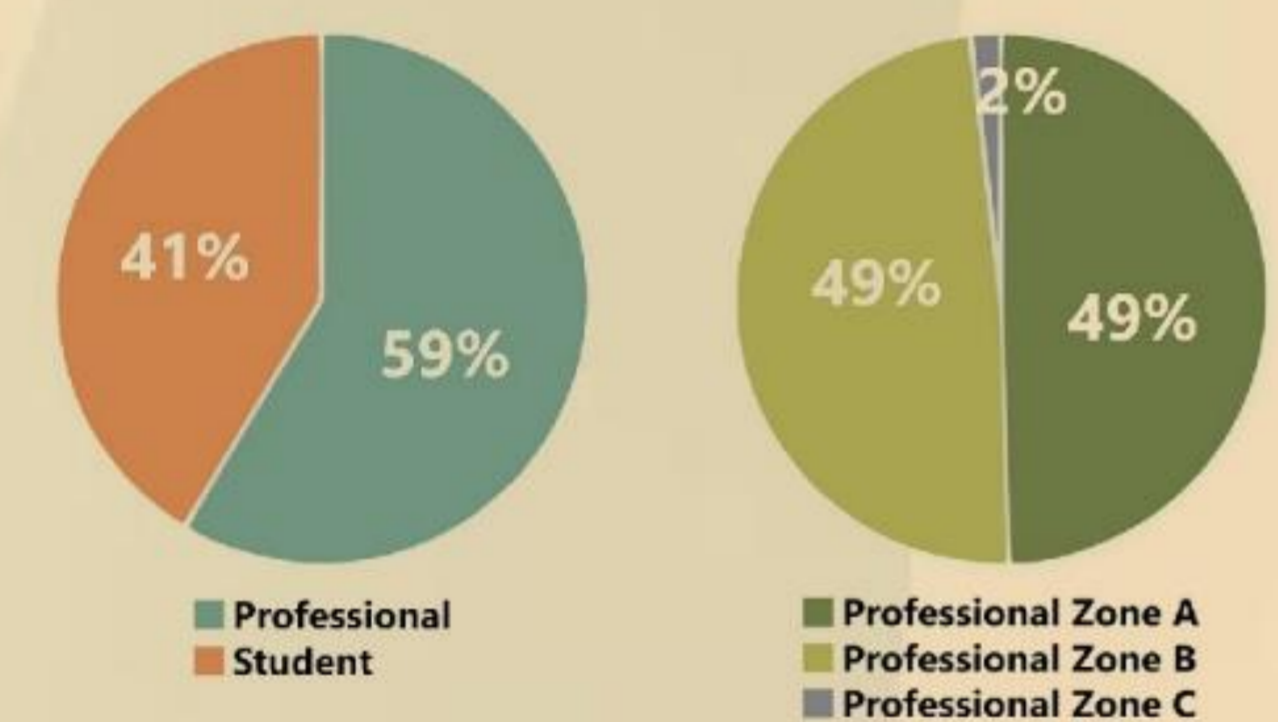
In light of the pandemic, the ARCASIA Committee on Young Architects (ACYA) and the Yogyakarta Young Architect Forum (YYAF) held a design challenge recently.

The theme of the ACYA-YYAF #WFH Workshop 2020, the first design competition of its kind, was to "Design a dream house that responds to pandemic situations". The competition was open to architects under the age of 41 from the 21 Arcasia (Architects Regional Council Asia) countries, as well as students.

In total, there were 186 entries received from 10 countries, with 109 from architects while 77 came from students. The countries involved were India, Bangladesh, China, Syria, Nepal, Pakistan, Sri Lanka, Indonesia, Malaysia and the Philippines.

Out of those submissions, five projects were shortlisted for their thoughtful and innovative designs. "The judges selected the top five designs after deliberating over the concept the participant used in dealing with the pandemic in relation to a healthy lifestyle, self-sufficient housing and happy living. "The final five portray different thematic in terms of being flexible, futuristic planning, engaging with life conditions, providing balanced spaces and, not forgetting, beauty." ACYA hopes that all the designs submitted will inspire people around the world with new ideas to improve their homes to be resilient in dealing with potential future pandemics.

Work, live and play will never be the same again as the public is exposed to the idea of remote working and minimal contact, by using digital technology to move things around.



**CONGRATULATION FOR TOP 10 DESIGNS!**

1 M-039	6 ID-070
2 PH-019	7 B-107
3 ID-179	8 B-073
4 M-028	9 ID-057
5 IN-070	10 ID-075

Top 5 will present the design through Online Webinar on May 16th, 2020 (SAT) at 14:00 (Singapore Time)

**CONGRATULATION FOR THE BIG 10!**

**STUDENT CATEGORY**

1. PH-009	Joshua Brian Phil L. D
2. SL-004	Logapawan Jayasiri
3. PH-002	Kenneth M. Ascario
4. ID-133	Christian Tjahja
5. ID-168	Erwin Herlian
6. PH-006	Yahweh Joaquin Decano
7. ID-024	Aureliana Esther Tumiwa
8. PA-021	Hafsa Qureshi
9. ID-109	I Putu Eka Budiarta
10. ID-108	Denisha Jeklyn Lee
10. M-042	Caitlin Hong Jia Qi

### JURY MEMBERS



The ACYA-YYAF #WFH Workshop received 700+ registrations, with 180+ submissions from architects under 41 years of age and students. The first stage of the workshop entailed a shortlist of top 50 professional projects by a team of 6, first round jurors. The main jury then further shortlisted the top 10 submissions and consequently the top 5 projects after much deliberation. The top 5 projects were presented to 500 attendees via Zoom after which they voted for the People's Choice Award and the jury announced the winning project.

## 1ST PLACE & PEOPLE'S CHOICE PROJECT



Atidesa, by Vinsensius Gilrandy Santoso and Sri Rahma Aprilianthi, Indonesia

This house is designed to accommodate a young couple in a post-pandemic situation while interacting with their surroundings. It features a food barn which supports permaculture principles and the concept of circular economy. This ensures the couple's economic stability and fulfills their daily food necessities, as well as the neighbourhood's.

The name Atidesa is derived from the Indonesian phrase hati desa which literally means "the heart of the village". Hence the design encourages the neighbourhood's cooperation to look after the food barn, which includes urban farming facilities and livestock farms.

To ensure the couple's mental and physical wellbeing, there is a garden in the house which also filters rainwater before being processed for barn use or sent to the city drainage.

Judges chose this project because they said the architects thought about every aspect of the design challenge theme.

"Many participants designed enclosed houses to protect people during the pandemic situation, but this house was actually a fun and happy house which every generation could enjoy living in," judges said.

This design also won the People's Choice Poll.

## RUNNER-UP PROJECTS



### CORE TEAM // CONVENERS ADMIN // REGISTRATION 1st ROUND JURY // PRO 1st ROUND JURY // STUDENT

- CORE TEAM // CONVENERS**
  - Ar. Ridha Razak (ACYA Chairman)
  - Ar. Bisma Askari (ACYA Deputy Chair)
  - Ar. Denny Setiawan
  - Ar. Iwan Pandria
  - Ar. Primavera Desta
  - Ar. Kumiadi Herawan
- ADMIN // REGISTRATION**
  - Ar. Riani Zati Putri
  - Ar. Tina Adiantl
  - Ar. Satyayoga Raniasta
- 1st ROUND JURY // PRO**
  - Ar. A. S. Mutaqi
  - Ar. Eko Prawoto
  - Ar. Arif Kusumawanto
  - Ar. Baritoadi Buldan R
  - Ar. Erlangga W
  - Ar. A. Yuda Saputra
- 1st ROUND JURY // STUDENT**
  - Ar. Iwan Pandria
  - Ar. Grady Prabasmara
  - Ar. Gatot Suprihadi
  - Ar. Yeni Setiawan



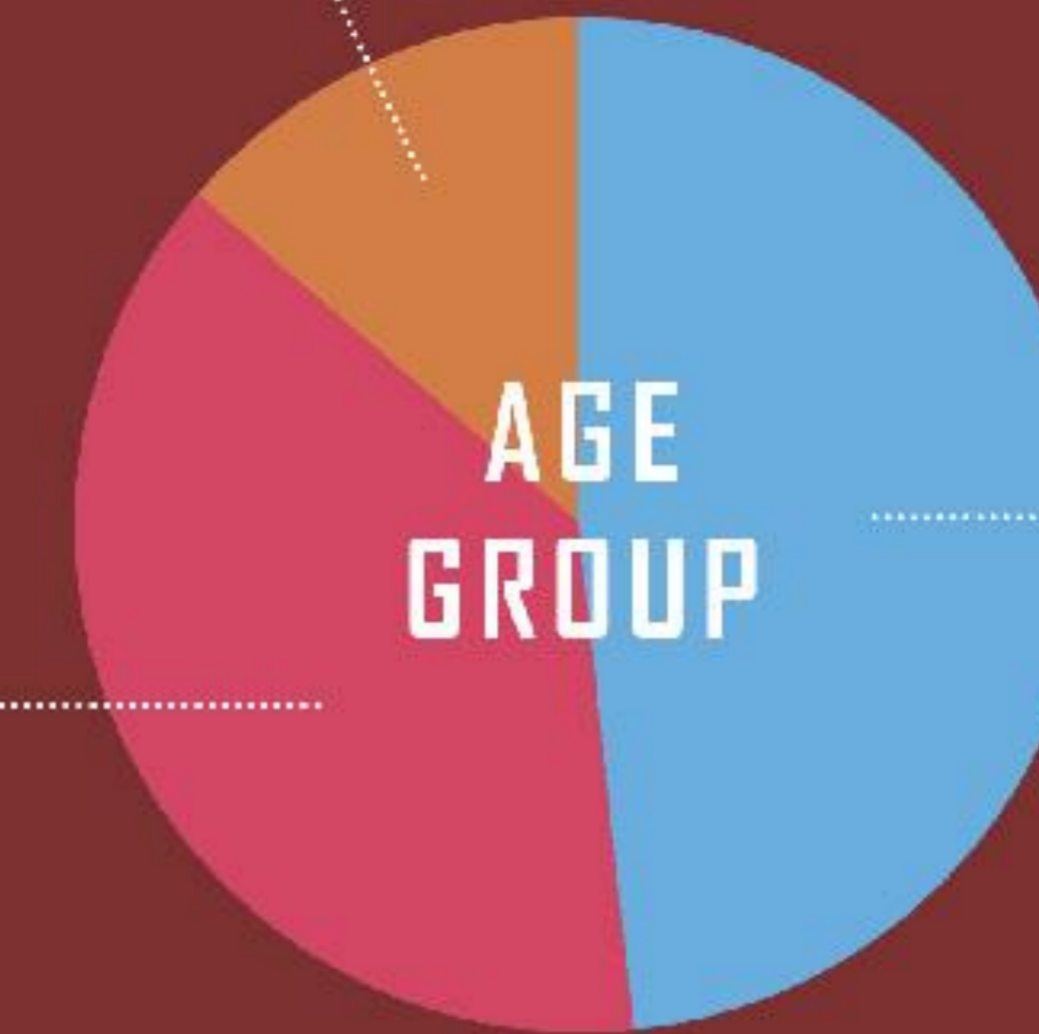
## " A SPLASH OF COLOUR INTO THE CAPITAL CITY "

A recent face-lift project implemented by Brunei's Public Works Department in the heart of Bandar Seri Begawan on Jalan Roberts bringing a splash of colour into the capital city & to celebrate the neo-classical Windows from the past.

Photograph by Huzai fieka Bin Abdul Rani  
See more of his work on Instagram @huzai fieka

23 Years & Below  
13.6%

31 - 40 Years  
38.2%



24 - 30 Years  
48.2%

### COUNTRIES PARTICIPATION

Nepal  
5.1%

Indonesia  
3.9%

Brunei  
2.1%

Macau  
1.2%

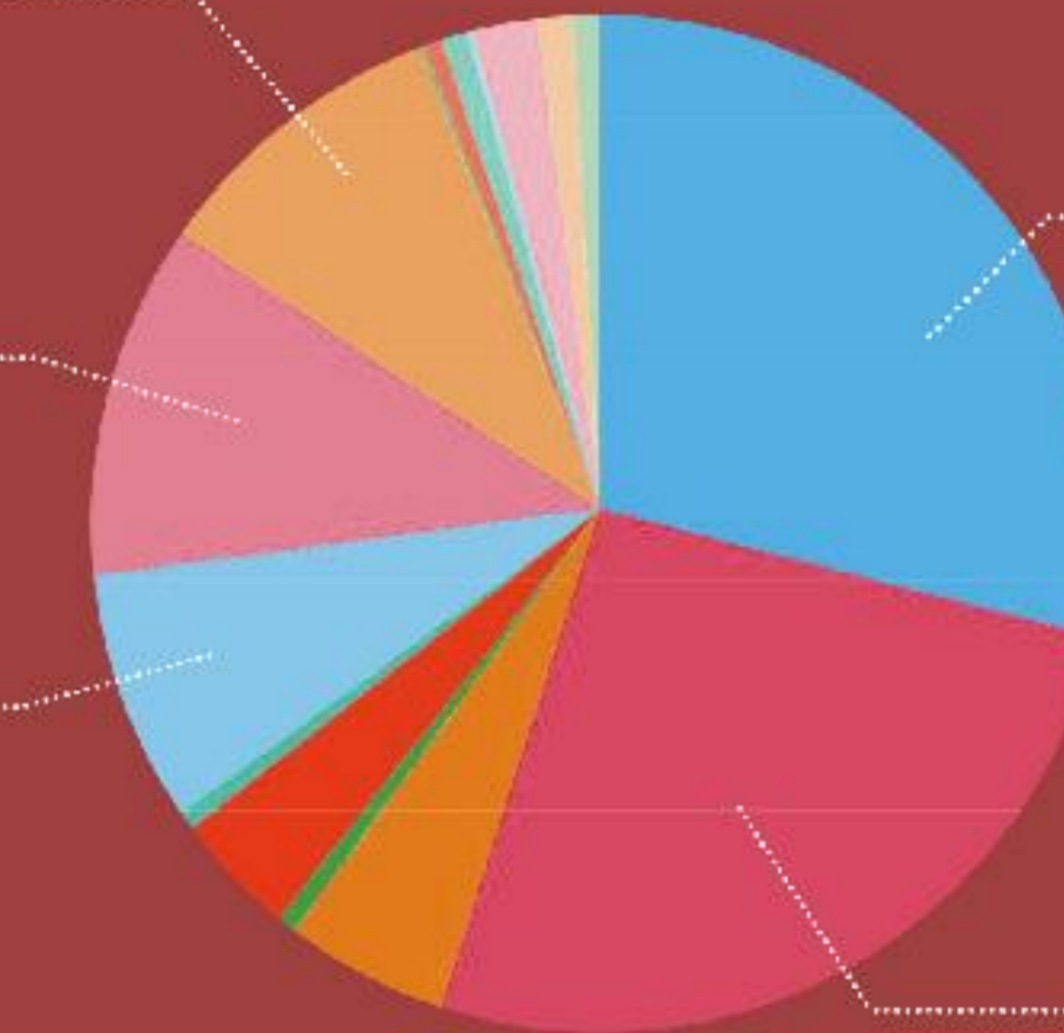
Sri Lanka  
0.6%

Myanmar  
0.6%

Bangladesh  
11.3%

Pakistan  
9.8%

Philippines  
7.9%



India  
29.0%

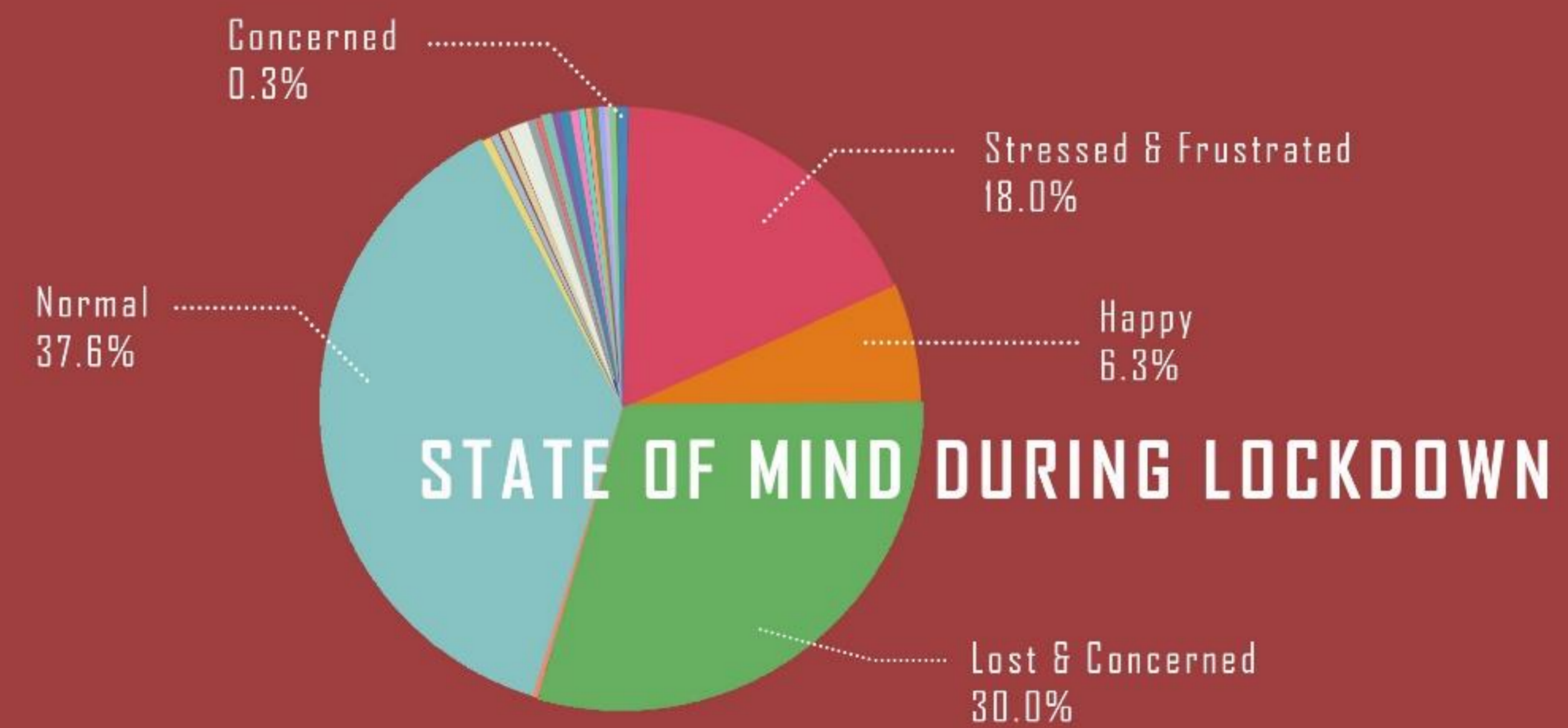
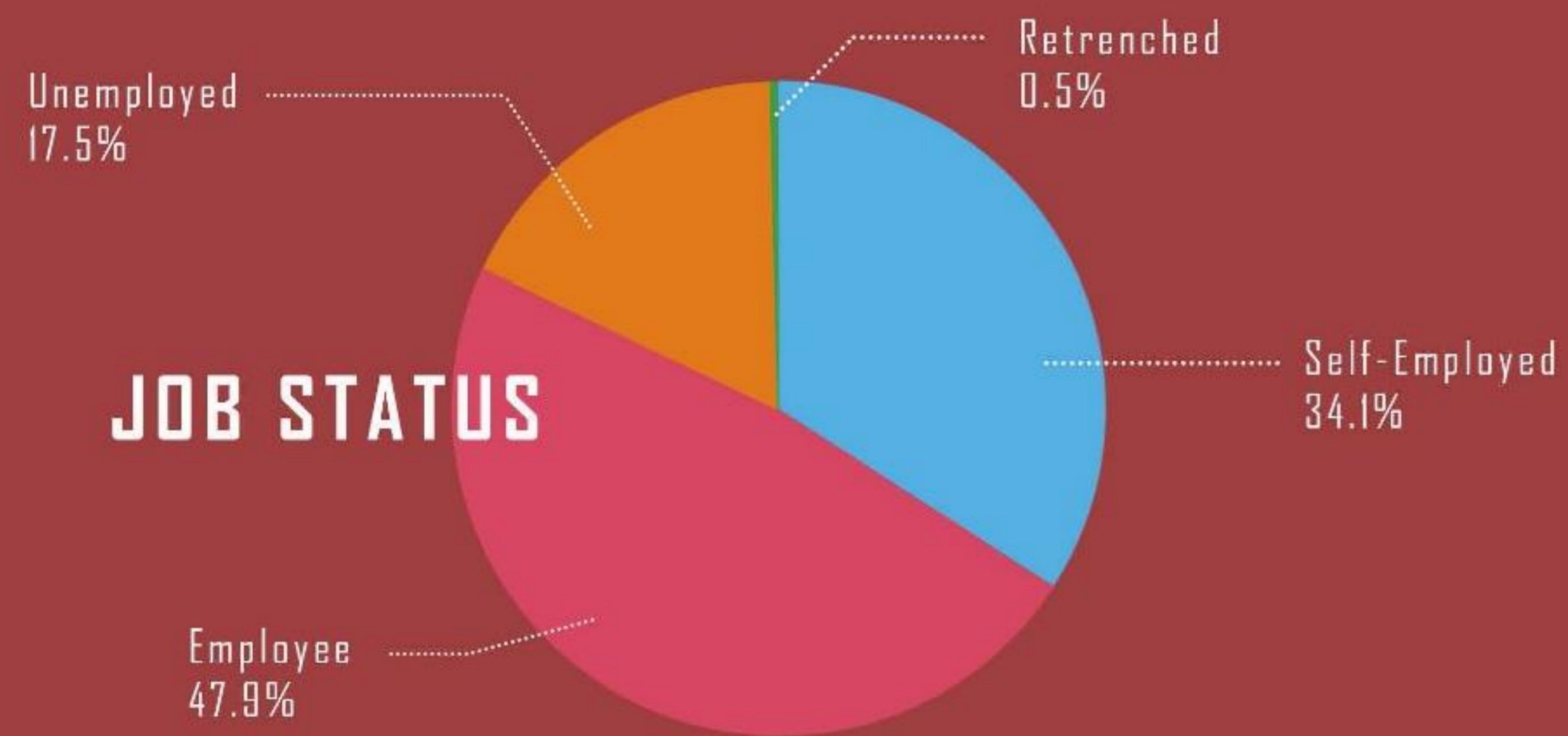
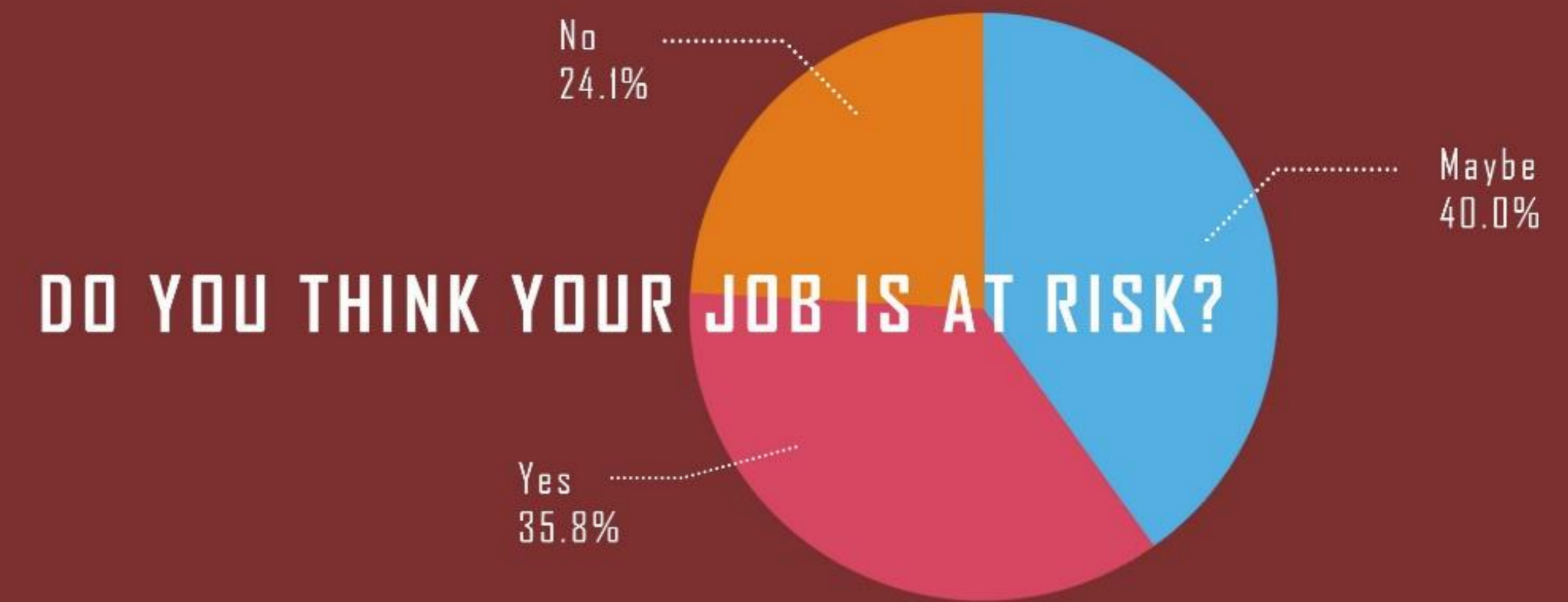
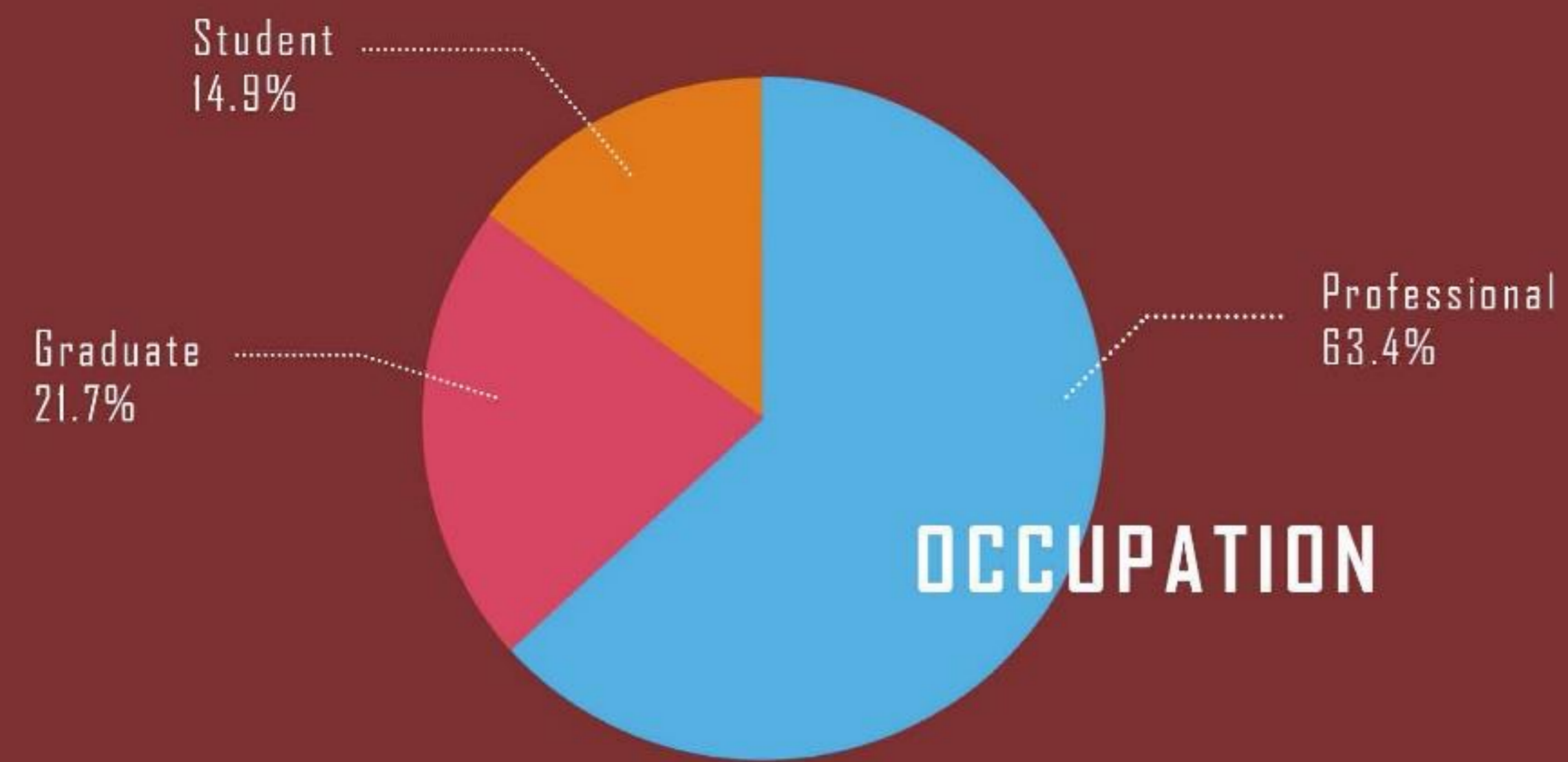
Malaysia  
25.9%

## IMPACT OF COVID-19 ON YOUNG ARCHITECTS

### SURVEY RESULTS

This survey was conducted to monitor the well-being of the young Architects in Asia during the Covid-19 pandemic. Participants are encouraged to share their thoughts on their experience and future planning to overcome the pandemic.

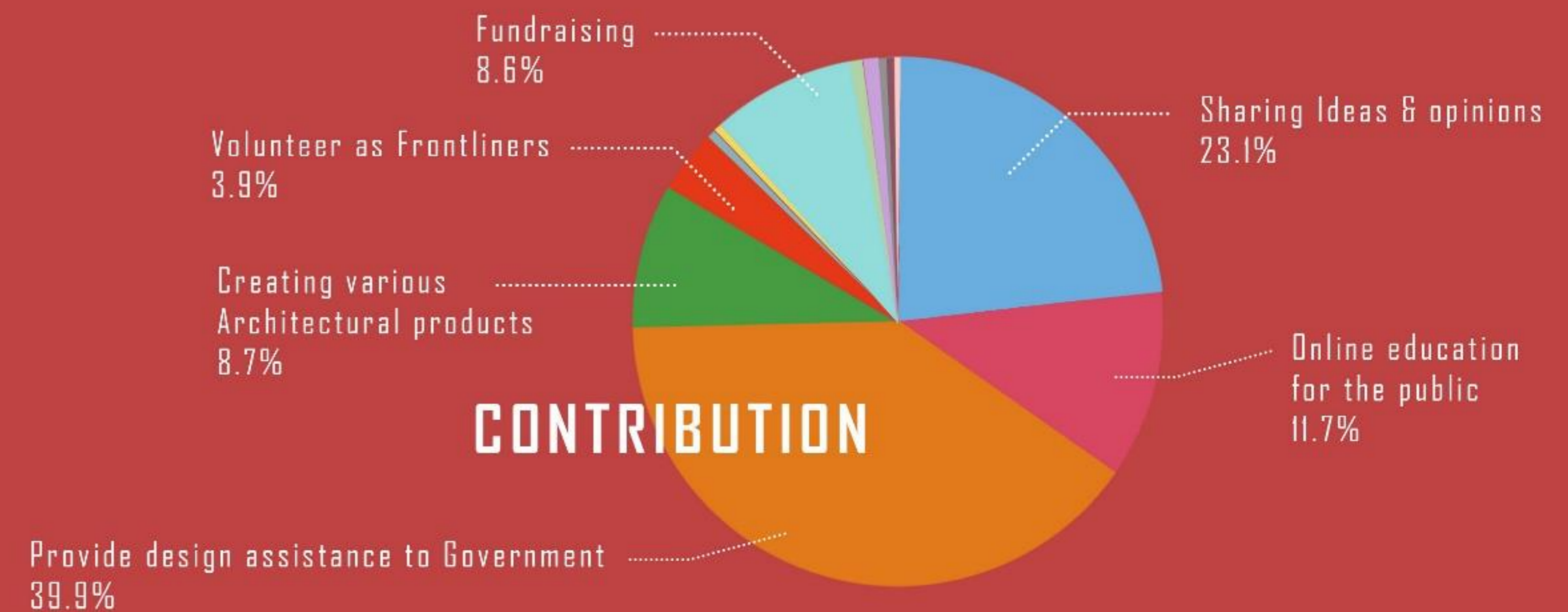
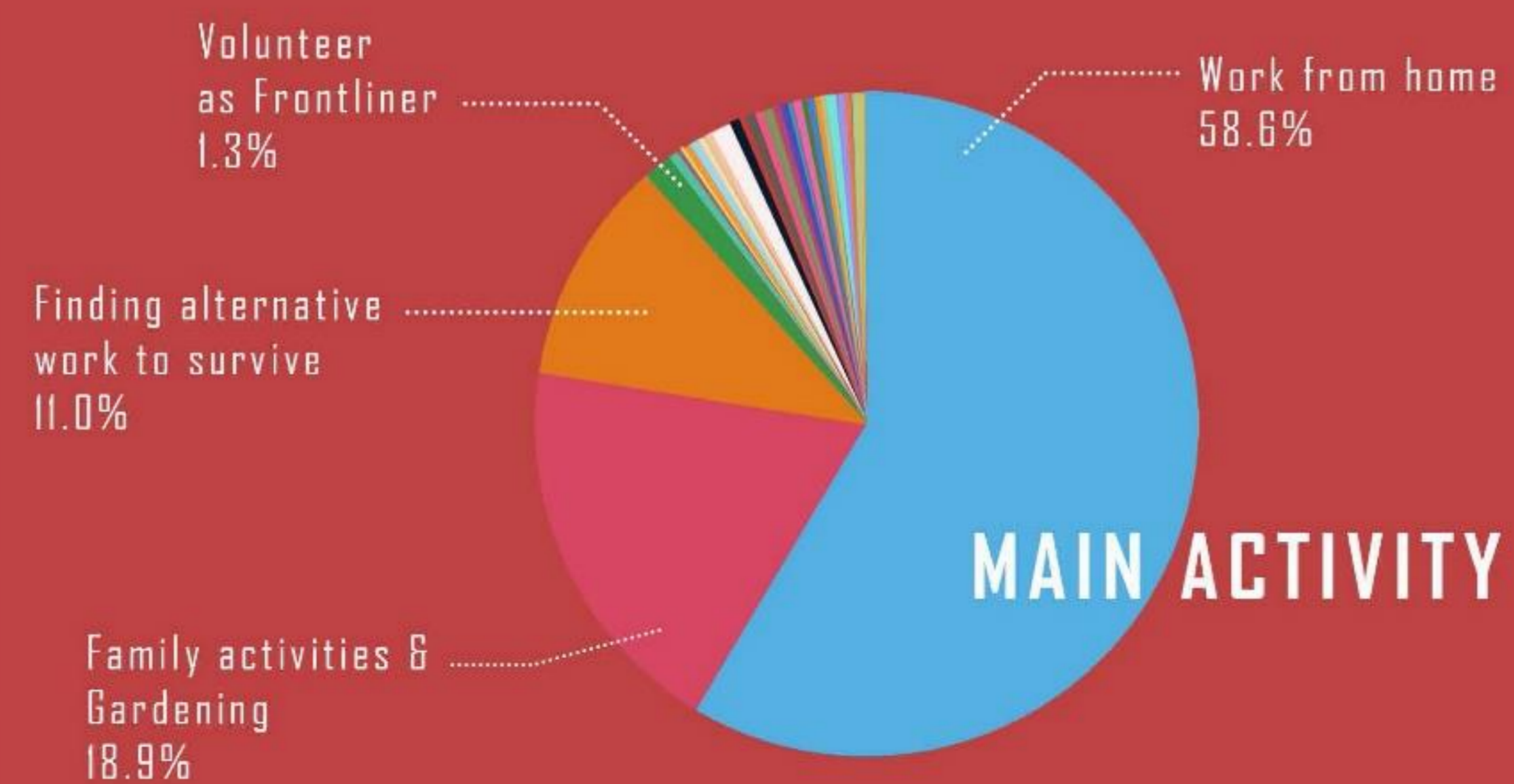
No. of Respondents | 677  
Survey Period | April & May 2020



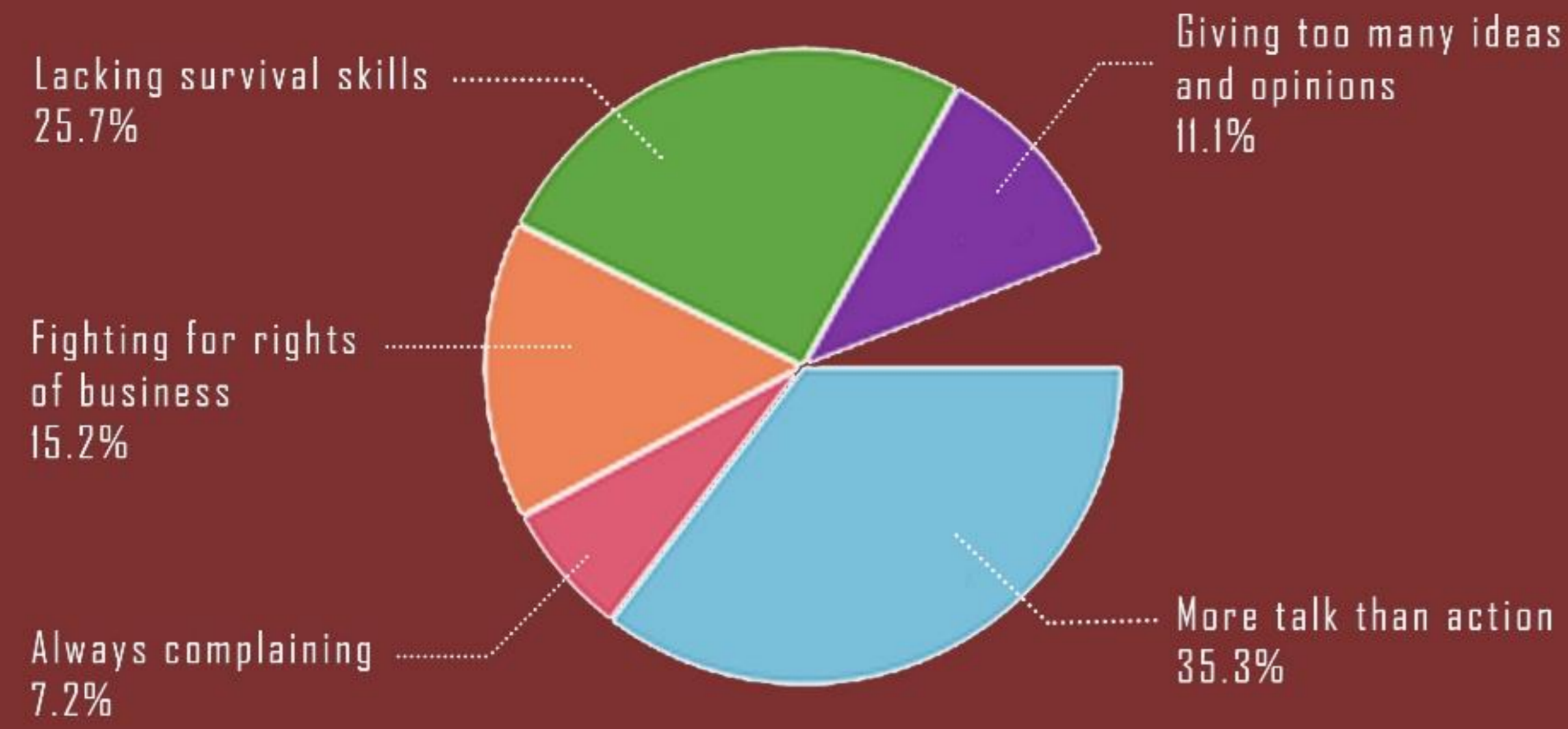
Finding out some architectural details 0.3%

I've been using my skills in construction 0.3%

Study from home 0.3%



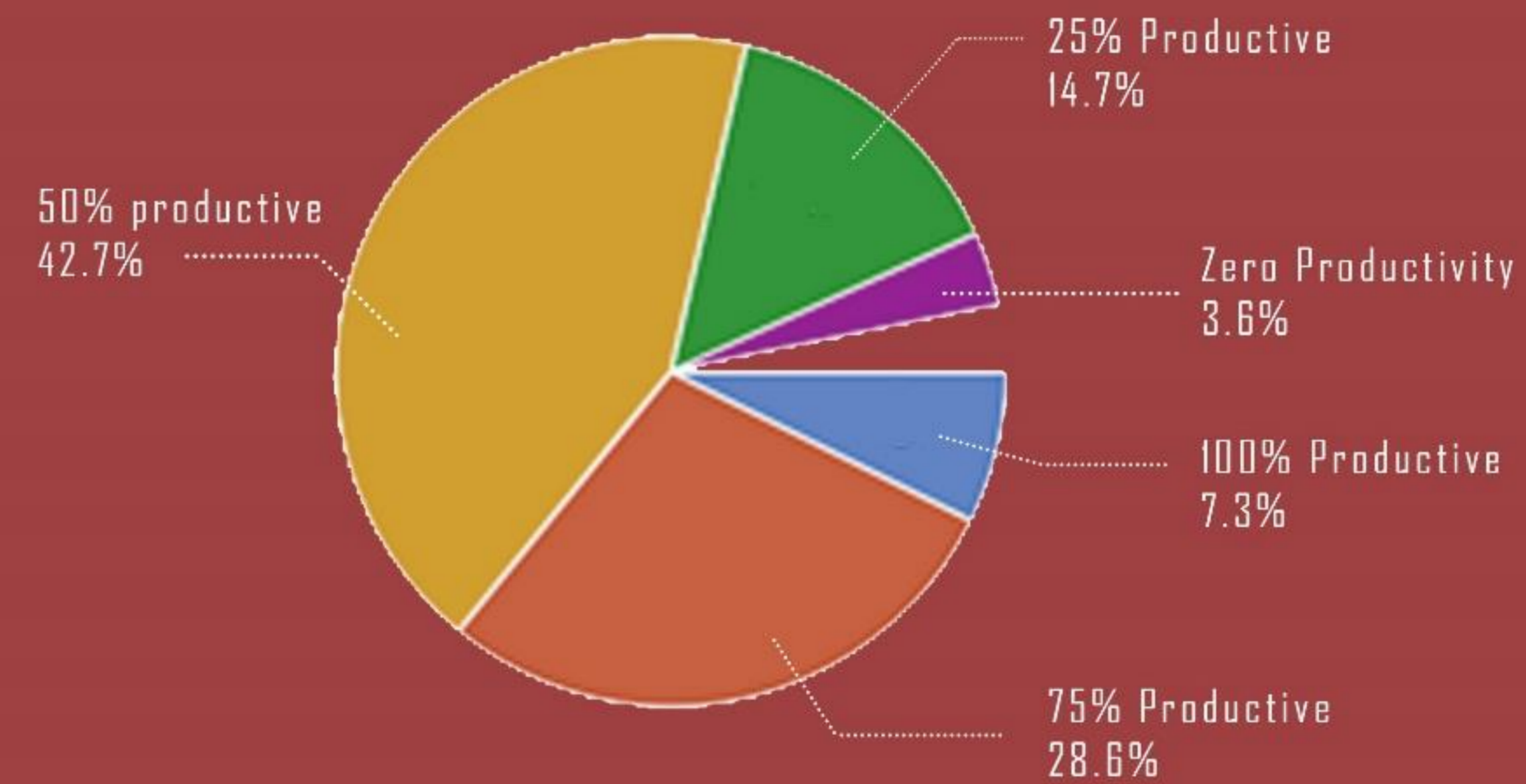
ONE NEGATIVE ASPECT OF ARCHITECTS DURING LOCKDOWN



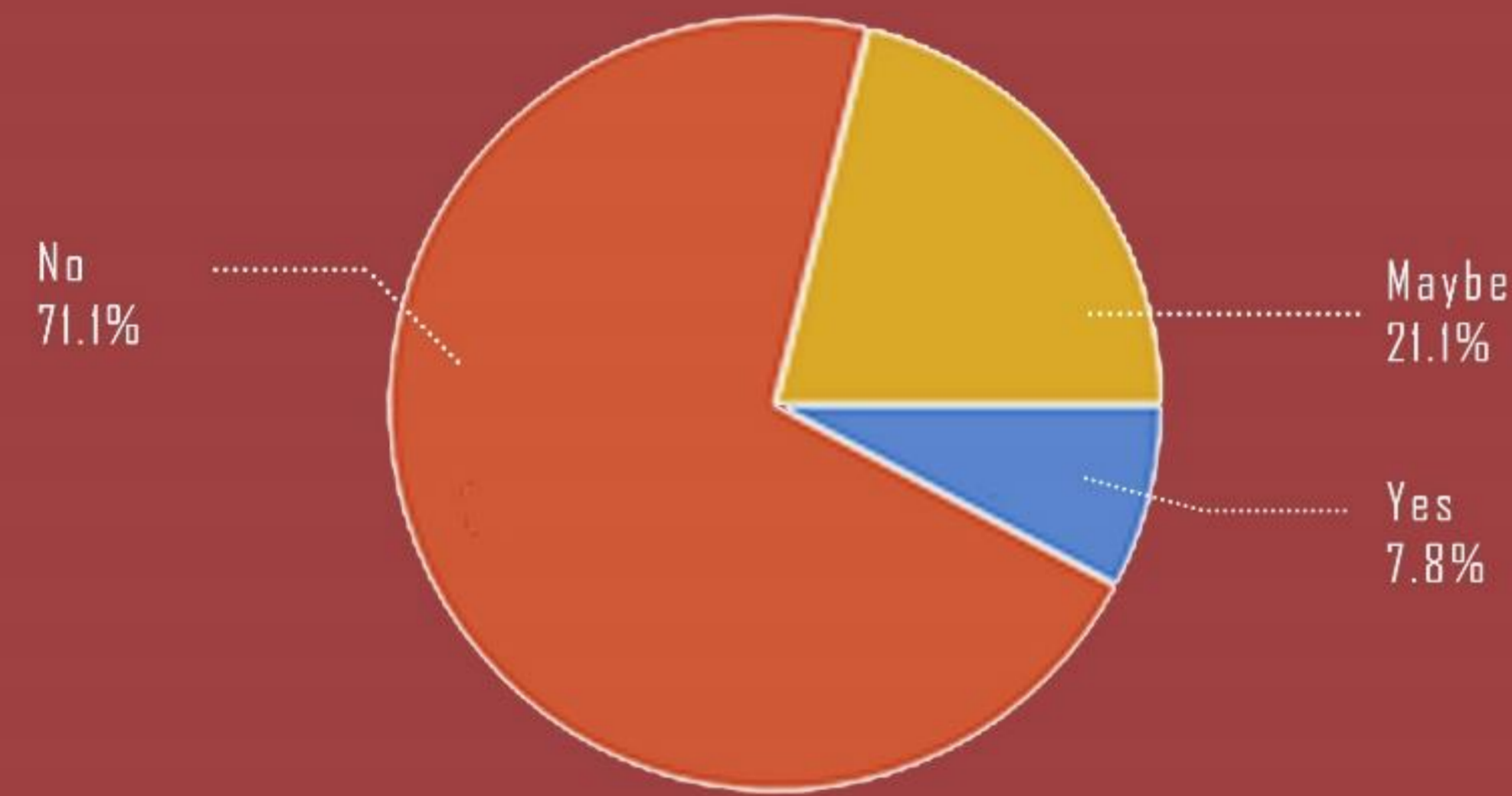
HAVE YOU BEEN INVOLVED IN ADOPTING ANY OF THE FOLLOWING TECHNOLOGY IN YOUR ARCHITECTURAL PRACTICE?



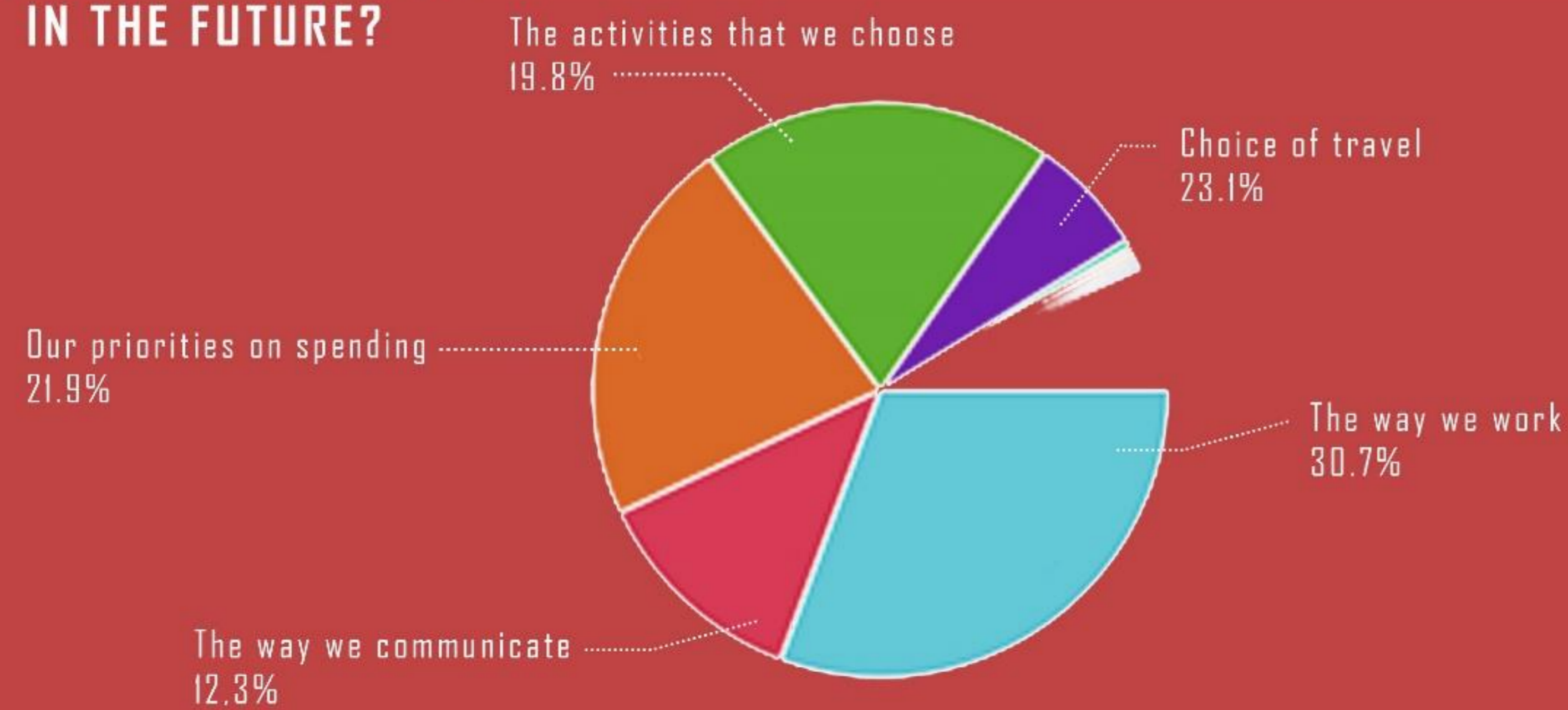
DO YOU THINK WORKING FROM HOME IS PRODUCTIVE?



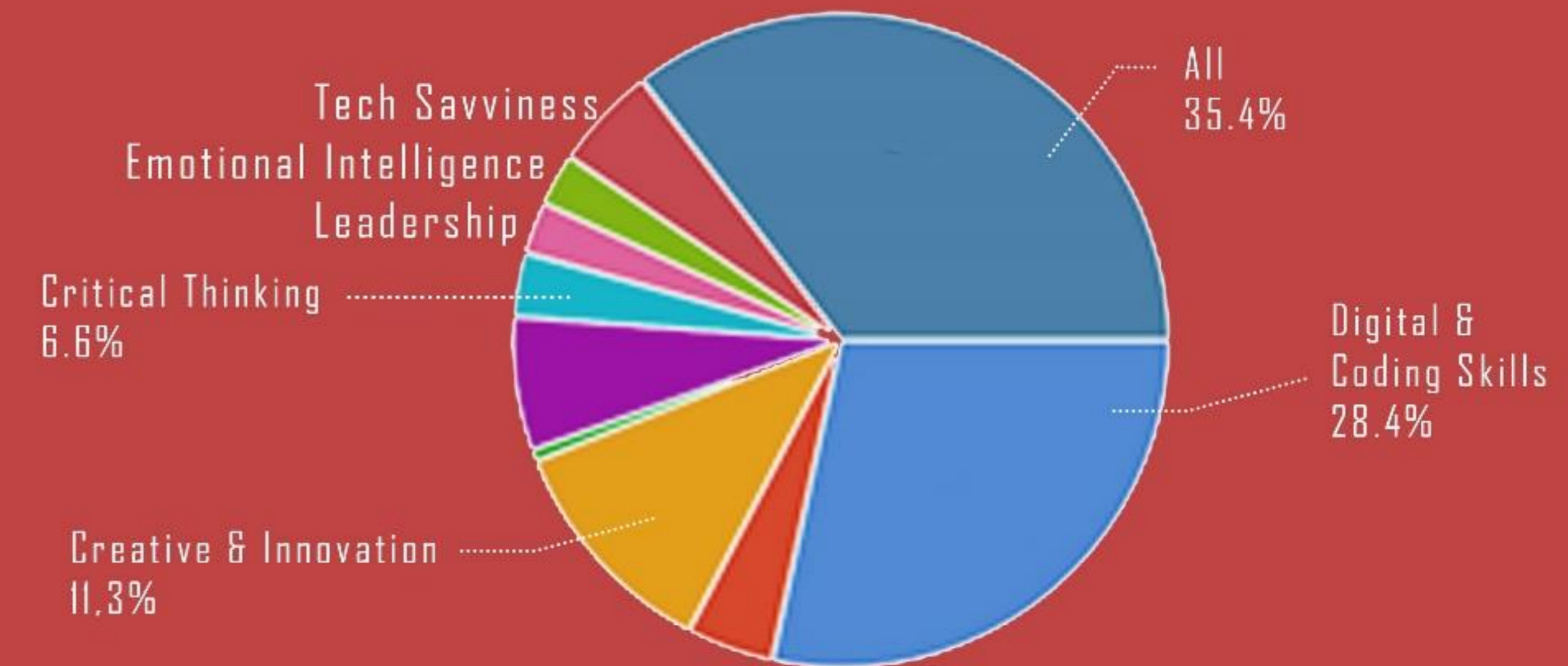
DO YOU THINK THE WORLD WILL BE THE SAME AFTER WE OVERCOME THE GLOBAL PANDEMIC?



WHAT WILL BE DIFFERENT IN THE FUTURE?



WHAT DO YOU THINK WILL BE THE PRIORITY SKILL FOR YOUNG ARCHITECTS IN THE FUTURE?



# ACYA 2020 Web 2020 Forum

## Introduction

ACYA Web Forum 2020 is a three session webinar organized by ARCASIA Committee on Young Architects. The program aims to continue knowledge sharing among country members amid the traveling restrictions due to the Covid-19 outbreak. The theme chosen is relevant to the current pandemic. Through rigorous

## Sessions

To get a just representation of the issue, a speaker from each ARCASIA zones have been selected. The speakers shared their experience and plans to overcome the unprecedented pandemic,

promotions, the webinar is well subscribed, which eventually translates to a good participation rate.

The webinar garnered more than 400 participants across multiple streaming platforms. It was hosted via Zoom Video Communications and Facebook Live.

with positivity, collaboration and digitalization.

Zone A - Fawad Suhail Abbasi  
Zone B - Joan De Leon Tabinas  
Zone C - Zeth Ko



**Joan De Leon Tabinas**

9<sup>th</sup> May 2020  
15:00 / 3.00pm  
on Malaysian Time MYT/SGT

Moderated by:  
Ar. Qhawarizmi Norhisham

Organized by:  
**ACYA** ARCASIA Committee on Young Architects



**Fawad Suhail Abbasi**

21<sup>st</sup> May 2020  
15:00 / 3.00pm  
on Malaysian Time MYT/SGT

Moderated by:  
Ar. Maria Alora

## THEME The Architecture of / in / on / from the new normal.

## Committee

Ar. Ridha Razak  
Malaysia  
(ACYA Chairman)

Ar. Bisma Askari  
Pakistan  
(ACYA Deputy Chair)

Ar. Qhawarizmi Norhisham  
Malaysia  
(Forum Convener)

Ar. Maria Alora  
The Philippines  
(Promotion)

ARN Consulting  
(Technical Support)



**Zeth Ko**

30<sup>th</sup> May 2020  
15:00 / 3.00pm  
on Malaysian Time MYT/SGT

Moderated by:  
Ar. Bisma Askari

ACYAWebForum2020

# ACYA 2020 Web 2020 Forum

## Forum

The forum was conducted in three parts, starting with speaker's presentation for 40 minutes, followed by a 10 minute discussion. A Q&A session is held after the discussion, based on the questions submitted by the participants. The sessions were recorded and can be accessed by architects that missed the live broadcast.

The first speaker, Ar. Joan has shared with participants, of the architectural response during the pandemic. That included conversion of public buildings into quarantine centers and crowd-sourcing efforts to produce PPE suits for frontliners. She concluded her presentation with a series of sustainable design principles for the young architects to move forward in the 'new normal'.

In the second session, Ar. Fawad has shared his practices' new working method that includes smart task monitoring and remote meetings. He

managed to bring global solutions to the local context of Pakistan.

The last speaker, Zeth Ko brings us through the historical narrative of Hong Kong as a dense metropolitan. Hong Kong has showcased the way forward to live in the 'new normal' within a high density city.

All speakers interacted with the participants through their posted questions during the session. However, additional questions that have not been covered during the session, was directed to the respective speaker for their response after the event. The speakers presentation slides were individually emailed to each registered participant via email. Exit polls from all three sessions indicated positive sentiments from the participants. Hence, a second season of the webinar is highly anticipated. These efforts have improved ACYA visibility and effectiveness as a knowledge sharing platform. End.

## Publicity



Whatapss (Group)  
Teaser Video  
Invitation Link



Facebook  
Event Posters  
Event Posing  
Facebook Live  
Speaker's Video



Email  
Reminder Email



Instagram  
Event Posters

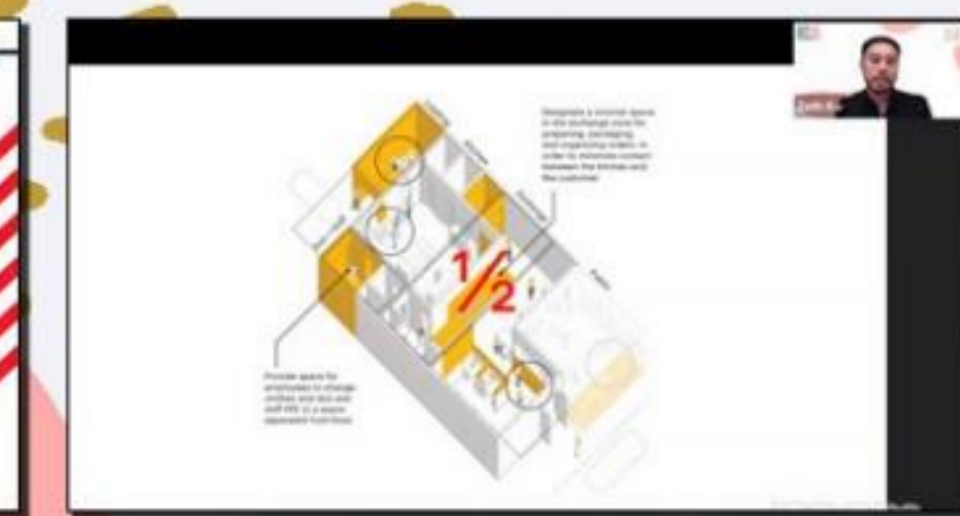
### Session 1



### Session 2



### Session 3



Organized by:  
**ACYA** ARCASIA Committee on Young Architects

ACYAWebForum2020

# National Isolation Centre Extension

BRUNEI DARUSSALAM



"The construction of the new National Isolation Centre building in Tutong District is a response of the Government of His Majesty the Sultan and Yang Di-Pertuan of Brunei Darussalam particularly to meet the needs of the Ministry of Health in treating and monitoring infected COVID-19 patients in the country"



## In a span of four days with an expected construction period of three weeks

In March 2020, Brunei Darussalam's National Isolation Centre (NIC) found itself close to its full capacity at 80% with over 120 positive cases of the global pandemic, COVID-19. The Department of Technical Services and Department of Mechanical and Electrical, under Brunei's Public Works Department were tasked to erect a facility to cater for the alarming rise of positive cases of COVID-19 patients in the country.

The team was responsible to produce a preliminary layout for the project, which was required to accommodate approximately 200 patients, located on a site in Tutong District adjacent to the existing National Isolation Centre.

Due to the urgent nature of the project, Preliminary Design, Tender, Award and Mobilisation stages of the project were accomplished in a span of four [4] days with an expected construction period of three [3] weeks. The project was carried out under a Design and Build Contract by the awarded contractor LSL Sdn. Bhd., under the direction of KHA Arkitek as their appointed architect.



# pre-fabricated systems

TANDAS KAKITANGAN  
STAFF TOILET

BILIK RAWATAN  
TREATMENT ROOM

KELUAR  
EXIT

Construction of the new building commenced on the 27th of March 2020 and completed on the 24th April 2020 costing approximately 11 Million Brunei Dollars for a facility consisting of Twenty [20] Isolation Wards, each containing Eight [8] beds, Six [6] Isolation Rooms catered for Intensive Care, a Pharmacy, Treatment rooms, Workshop Equipment Room, Meeting rooms, Generator Set, Family Counselling Room, Food preparation room, On-call rooms for doctors and nurses, and many other facilities to cater for both patients and hospital staff.

The construction method for the project saw a preference to pre-fabricated systems such as custom-made sandwich panels slotted within a metal frame structure as a solution to the short construction period. The external façade of the building makes use of terracotta and cherry coloured metal cladding for easy and quick construction.



Although the immediate intention for the National Isolation Centre Extension facility is to cater for the COVID-19 patients, the facility has the capability to be used as a down scale ward or as a facility to cater for other viral disease cases in the future.

The construction of the facility, along with the urgent construction of the National Virology Laboratory in Kampung Sumbiling located in the capital city, Bandar Seri Begawan, completed in March 2020 were both part of the Sultanate's efforts and strategy to combat the COVID-19 pandemic. Both facilities are equipped with safety features to ensure the safety and well-being of the patients and staff on duty in the laboratory and isolation centre. As of August 2020, Brunei Darussalam has had a total of 142 confirmed cases, 138 recoveries and 3 deaths as a result of COVID-19 pandemic.



ACYA BULLETIN 3.0  
10.10.2020

