

Virtual Tour

Clark, Philippines

Date: May 24, 2021

00:01:06 --> 00:01:09: Ohio goes Amos good morning everyone.

00:01:09 --> 00:01:11: Thank you for joining us.

00:01:11 --> 00:01:16: For the Urban Land Institute Asia Pacific Summit 2021 virtual

00:01:16 --> 00:01:17: tour,

00:01:17 --> 00:01:22: this time taking you out of Japan and to Southeast

00:01:22 --> 00:01:22: Asia.

00:01:22 --> 00:01:27: Exciting tour of one of the fastest growing new cities,

00:01:27 --> 00:01:31: the Clark Special Economic Zone in the Philippines,

00:01:31 --> 00:01:36: 35,000 hectares of resilient. Thank you for the for the

00:01:36 --> 00:01:38: opportunity and your time.

00:01:38 --> 00:01:41: I'm honored to moderate on behalf of the bases,

00:01:41 --> 00:01:45: conversion and Development authority. The government

00:01:45 --> 00:01:48: agency called BDA,

00:01:48 --> 00:01:51: who have been the shepherd of this since 1993.

00:01:51 --> 00:01:53: To nurture this mixed use economic engine,

00:01:53 --> 00:01:54: my name is Sylvester Wong,

00:01:54 --> 00:01:58: vice president at a com.

00:01:58 --> 00:02:01: I look after cities for Asia and help our global

00:02:01 --> 00:02:06: efforts to build in resilience the nations everywhere.

00:02:06 --> 00:02:09: I'm also on the executive committee of the UI Philippines.

00:02:09 --> 00:02:10: And have been a member since 1995 back in San

00:02:10 --> 00:02:14: Francisco.

00:02:14 --> 00:02:18: Look today were May 2021 and zoom calls have unleashed

00:02:18 --> 00:02:19: an opportunity for investors and developers and designers to

00:02:19 --> 00:02:21: examine

00:02:21 --> 00:02:25: greater flows for deals and place,

00:02:25 --> 00:02:29: making opportunities from wherever they are in the world and

00:02:29 --> 00:02:32: yield hungry capital from East Asia now has access to

00:02:32 --> 00:02:36: growth and emerging markets like never before,

00:02:36 --> 00:02:37: allowing first timers to compete with veterans in these robots.

00:02:36 --> 00:02:39: Get far flung markets like Southeast Asia.

00:02:39 --> 00:02:41: Nearly 700 million people in Clark,

00:02:41 --> 00:02:43: 30 years in the making.

00:02:43 --> 00:02:47: Since the American military left now has the success of

00:02:47 --> 00:02:49: the 200 Hector Bonifacio Global City.

00:02:49 --> 00:02:53: Many of you have come and visited us here in

00:02:53 --> 00:02:54: the Philippines.

00:02:54 --> 00:02:57: Have visited us at BGC and it's a proof of

00:02:57 --> 00:02:58: concept.

00:02:58 --> 00:03:02: This is Philippines property and infrastructure returning big was over

00:03:02 --> 00:03:02: 20%

00:03:02 --> 00:03:06: compounded annual growth over the last two decades on land

00:03:06 --> 00:03:06: prices.

00:03:06 --> 00:03:08: Alone now before the pandemic,

00:03:08 --> 00:03:10: we were regularly seeing over 6%

00:03:10 --> 00:03:14: annual GDP growth in a country of over 100 million

00:03:14 --> 00:03:15: people,

00:03:15 --> 00:03:19: growing 2% in population every year with over half under

00:03:19 --> 00:03:21: the age of 24 and the rise of the BPO

00:03:21 --> 00:03:25: industry built under strong English language is now 10%

00:03:25 --> 00:03:27: of that economy.

00:03:27 --> 00:03:28: For even under

00:03:28 --> 00:03:29: the pandemic

00:03:29 --> 00:03:33: 2020, Japan credit rating agencies given Philippines and A minus

00:03:33 --> 00:03:37: rating and last month assigning a minus for yen bonds,

00:03:37 --> 00:03:41: partly thanks to the sure handed the Monetary Board

00:03:41 --> 00:03:42: Department

00:03:41 --> 00:03:42: of Finance,

00:03:42 --> 00:03:45: Central Bank and infrastructure spending that's rising towards 70%

00:03:45 --> 00:03:47: of the GDP from 2.5%.

00:03:47 --> 00:03:49: With the current administration started.

00:03:49 --> 00:03:52: So all of this in context is Clark.

00:03:52 --> 00:03:55: You see it in the image behind me.

00:03:55 --> 00:03:58: Clark is 3000 hectares of new cities in.

00:03:58 --> 00:04:01: New Clark 2000 hectares of Clark,

00:04:01 --> 00:04:07: Freeport and 2000 more of the Clark International Airport and

00:04:07 --> 00:04:12: that is the flagship of the government's build build build.

00:04:12 --> 00:04:16: Program. And and for everyone around the world,

00:04:16 --> 00:04:20: especially from Japan who are calling and we already have

00:04:20 --> 00:04:21: Japanese interest.
 00:04:21 --> 00:04:24: Korean, Chinese, Malaysian Singaporean interests.
 00:04:24 --> 00:04:26: We have French companies, German American,
 00:04:26 --> 00:04:29: Taiwanese, Hong Kong, investments in food,
 00:04:29 --> 00:04:32: hospitality, golf, golf, industry, service centers and logistics.
 00:04:32 --> 00:04:35: Texas instrument, Samsung, Mercedes, Yokohama tires.
 00:04:35 --> 00:04:39: They're all here and we have a new rail coming
 00:04:39 --> 00:04:44: in cutting the time from Metro Manila is 15 million.
 00:04:44 --> 00:04:48: People to less than an hour and only 40 minutes
 00:04:48 --> 00:04:48: away.
 00:04:48 --> 00:04:52: The most strategic deep water port in this area and
 00:04:52 --> 00:04:56: then terminal to opening up this year built American military
 00:04:56 --> 00:04:59: specs from 3 to 8,000,000 passengers a year,
 00:04:59 --> 00:05:03: shooting way past today's nearly 700 weekly flights.
 00:05:03 --> 00:05:07: Nonstop direct destinations like Jeju and once I had to
 00:05:07 --> 00:05:07: Doha,
 00:05:07 --> 00:05:11: all available for 100% foreign owned companies to locate on
 00:05:11 --> 00:05:12: long leases.
 00:05:12 --> 00:05:15: So the question is. What's the catch?
 00:05:15 --> 00:05:18: Sounds too good to be true.
 00:05:18 --> 00:05:21: Let me introduce you to a virtual tour and and
 00:05:21 --> 00:05:25: four fantastic contributors who will take us through a journey
 00:05:25 --> 00:05:29: and hopefully open your eyes to what's available in
 Southeast
 00:05:29 --> 00:05:38: Asia in the Philippines. Uh,
 00:05:38 --> 00:05:43: as we run the virtual tour it's pre recorded.
 00:05:43 --> 00:05:47: Session feedback will be will hear from 4 leaders in
 00:05:47 --> 00:05:52: the Philippine economy for master planned developments.
 00:05:52 --> 00:05:56: Leno Jun Palafox principle an architect and urban planner
 and
 00:05:57 --> 00:05:59: founder of Palafox Associates,
 00:05:59 --> 00:06:02: involved in the master planning Clark,
 00:06:02 --> 00:06:06: Royal Pinetta, principal architect of Buji Royale,
 00:06:06 --> 00:06:08: part of one of the.
 00:06:08 --> 00:06:13: Key architects behind the Southeast Asia Games and many
 of
 00:06:13 --> 00:06:15: the facilities across Clark.
 00:06:15 --> 00:06:20: Karen Tam, managing director and Global Leaf urban
 planning and
 00:06:20 --> 00:06:21: design for Savannah,
 00:06:21 --> 00:06:26: Jerome. Consultants, both investor and designer in the new
 Clark
 00:06:26 --> 00:06:29: initiative and then Josephine Yap,

00:06:29 --> 00:06:31: the president of Filinvest Development Corporation,
00:06:31 --> 00:06:38: a major partner in both the land Development and infrastructure
00:06:38 --> 00:06:38: side.
00:06:38 --> 00:06:40: Enjoy the tour will come back to you.
00:06:48 --> 00:06:52: Welcome to Clark. A thriving economic hub with an eye
00:06:52 --> 00:06:54: toward sustainability.
00:06:54 --> 00:06:58: Clark is a strategic location that holds great significance as
00:06:58 --> 00:07:01: an airfield used by both the United States and Japanese
00:07:01 --> 00:07:05: forces as base for East Asia operations during World War
00:07:05 --> 00:07:07: Two and thereafter became the largest U.S.
00:07:07 --> 00:07:10: military base outside the United States.
00:07:10 --> 00:07:13: Clark has now become the base for business and leisure
00:07:13 --> 00:07:17: of foreign investors who are building their presence not only
00:07:17 --> 00:07:20: in the Philippines but the rest of southeast.
00:07:20 --> 00:07:24: Kisha today's live virtual tour takes you around the main
00:07:24 --> 00:07:25: districts of Clark,
00:07:25 --> 00:07:30: where the government and the private sectors redesign a city
00:07:30 --> 00:07:33: that is so rich in history but is very much
00:07:33 --> 00:07:36: prepared to become the city of the future.
00:07:36 --> 00:07:40: Clark International Airports was billed with the vision of
00:07:40 --> 00:07:43: providing
00:07:43 --> 00:07:47: the convenience of a world class sustainable,
00:07:47 --> 00:07:49: resilient gateway with seamless connectivity to vital
00:07:49 --> 00:07:52: infrastructure and major
00:07:52 --> 00:07:56: economies of the world.
00:07:56 --> 00:07:57: As an international gateway, SRK is a critical component.
00:07:57 --> 00:08:00: In boosting the city as a premier business and tourism
00:08:00 --> 00:08:05: hub in Asia.
00:08:05 --> 00:08:07: The airport, which is set to open in July,
00:08:07 --> 00:08:12: will feature contactless solutions for its passengers and the
00:08:12 --> 00:08:14: luxury
00:08:14 --> 00:08:20: of open space.
00:08:20 --> 00:08:21: I'm
00:08:21 --> 00:08:26: architect royal period a I'm a architect of Boogey Royale
00:08:26 --> 00:08:27: architecture and design.
00:08:27 --> 00:08:33: We are one of the designers of a Clark International
00:08:33 --> 00:08:37: Airport.
00:08:37 --> 00:08:40: We are the advocates of the modern Filipino architecture and
00:08:40 --> 00:08:43: design.
00:08:43 --> 00:08:46: We bring our sensibility being progressive as philippino we
00:08:46 --> 00:08:49: want
00:08:49 --> 00:08:52: to always put nature in in front of our.

00:08:37 --> 00:08:42: Creation, like International Airport, is one of the most exciting
00:08:42 --> 00:08:48: projects that's happening in the Philippines and this is something
00:08:48 --> 00:08:51: that will be the new base of the gateways of
00:08:51 --> 00:08:55: the country and it will be another point of tourists
00:08:55 --> 00:08:59: improvements in terms of capacity and of course,
00:08:59 --> 00:09:04: the east of traveling. This will represent a major update
00:09:04 --> 00:09:07: and I would say the sensibility of the.
00:09:07 --> 00:09:13: Modern Filipinos like airport was inspired by by nature,
00:09:13 --> 00:09:17: now come, but one of the most important part of
00:09:18 --> 00:09:23: our advocacy ask Buji Royale is to create a modern
00:09:23 --> 00:09:30: Filipino sensibility or the modern Filipino identity wherein we
00:09:30 --> 00:09:35: felt that inspiration can only be as authentic as the
00:09:35 --> 00:09:38: natural element of the.
00:09:38 --> 00:09:42: Bass and that is why the Clark International Airport is
00:09:42 --> 00:09:47: inspired by the Symbolist mountain ranges that you see
00:09:47 --> 00:09:48: around
00:09:48 --> 00:09:50: the area,
00:09:50 --> 00:09:53: including also the Arayat mountain.
00:09:53 --> 00:09:57: Actually a modern Filipino architecture and design.
00:09:57 --> 00:10:00: We wanted to make sure that the modernity of this
00:10:00 --> 00:10:05: represents the future of the Filipinos.
00:10:05 --> 00:10:08: Know. With this we're able to create an architecture that
00:10:08 --> 00:10:13: is finished with the hard concrete.
00:10:13 --> 00:10:18: And we also made sure that we collaborate with international
00:10:18 --> 00:10:19: manufacturers and products to be able to address all these
00:10:19 --> 00:10:19: existing.
00:10:19 --> 00:10:25: And I would say natural conditions of our country wherein
00:10:25 --> 00:10:30: we also have hurricanes and forced the Tropic ality with
00:10:31 --> 00:10:35: the topicality we were able to address it with the
00:10:35 --> 00:10:39: use of timber there is.
00:10:39 --> 00:10:44: Rubner that we imported from Austria is our glue laminated
00:10:44 --> 00:10:49: timber that reflects the silhouettes of the perils and the
00:10:49 --> 00:10:50: phrase of the perils.
00:10:50 --> 00:10:55: And at the same time it keeps the ones of
00:10:55 --> 00:10:58: what we believe is very Filipino.
00:10:58 --> 00:11:03: We also use the technology for category 5 hurricanes and
00:11:04 --> 00:11:08: this is again the the roofing material that you see
00:11:08 --> 00:11:09: in the.
00:11:09 --> 00:11:13: Very mountainous look off its silhouette.
00:11:13 --> 00:11:18: So basically these are these are again not just architecturally
00:11:18 --> 00:11:19: designed,

00:11:19 --> 00:11:24: but engineering wise it reflects also again that modernity the
00:11:24 --> 00:11:30: country wants to somehow resonate and reflect as its
direction.

00:11:30 --> 00:11:35: The Philippines can can be very luxurious by design.
00:11:35 --> 00:11:39: It doesn't have to be.
00:11:39 --> 00:11:44: Expensive materials it doesn't have to be a very highfaluting
00:11:44 --> 00:11:47: product to create something that's not serious.
00:11:47 --> 00:11:52: I believe that the Philippines is already luxurious with its
00:11:52 --> 00:11:56: natural elements with its beauty and its location,
00:11:56 --> 00:12:01: the people and everything that surrounded as we refine our
00:12:01 --> 00:12:05: ways as Filipinos in Clark or even in the entire
00:12:05 --> 00:12:06: country.
00:12:06 --> 00:12:09: As we keep refining our.
00:12:09 --> 00:12:10: Way of living.
00:12:11 --> 00:12:14: And. Improve
00:12:14 --> 00:12:17: our architecture, our infrastructure, our food,
00:12:17 --> 00:12:22: our music, everything as we improve our lives.
00:12:22 --> 00:12:26: We will discover something that we can.
00:12:26 --> 00:12:29: Chair as our gift to the world,
00:12:29 --> 00:12:33: Clark snapped, is the face of some Balasore Darla or
00:12:33 --> 00:12:34: compound.
00:12:34 --> 00:12:36: It is the modern face of the
00:12:36 --> 00:12:38: country. The modern Filipino terminal.
00:12:41 --> 00:12:48: Coming soon. The next stop is the Clark Freeport zone.
00:12:48 --> 00:12:50: Well connected, safe and livable zone,
00:12:50 --> 00:12:53: which for more than 28 years has been shaping up
00:12:54 --> 00:12:56: to become a model for urban planning.
00:12:56 --> 00:12:59: These open spaces multi use facilities,
00:12:59 --> 00:13:04: efficient public transport and designated bike lanes all taken
into
00:13:04 --> 00:13:07: account into the sprawling complex.
00:13:07 --> 00:13:10: The Clark Freeport Zone also includes state of the art
00:13:10 --> 00:13:14: testing and isolation facilities that have been helping its
community
00:13:14 --> 00:13:17: and outlying areas mitigate the compacts of COVID-19.
00:13:18 --> 00:13:22: Greetings from the Philippines. I am Felino.
00:13:22 --> 00:13:27: Jun Palafox junior principal architect urban planner or
Palafox Associates
00:13:27 --> 00:13:30: Palafox Architecture Group Inc.
00:13:30 --> 00:13:35: We worked under master planning of Clark Freeport Zone
together
00:13:35 --> 00:13:40: with Cloud Development Corporation and and BCD of the
Philippines

00:13:40 --> 00:13:44: and I was responsible as a project manager,
00:13:44 --> 00:13:49: master planner and architect for this project and overall supervision
00:13:49 --> 00:13:50: or the project,
00:13:50 --> 00:13:53: team and organization of the project.
00:13:53 --> 00:13:58: I let the team over there interdisciplinary multi disciplinary team
00:13:58 --> 00:14:00: for the comprehensive master development.
00:14:00 --> 00:14:05: Plan and business plan for Clark Freeport Zone aerotropolis.
00:14:05 --> 00:14:10: Located in the heart of Central Zone region Clark Freeport
00:14:10 --> 00:14:10: Zone.
00:14:10 --> 00:14:15: It's an emerging business leisure hub for the 21st century
00:14:15 --> 00:14:16: planted.
00:14:16 --> 00:14:21: Plan to be becomes highly awaited air properties or airport
00:14:21 --> 00:14:24: driven city Smart city in our country.
00:14:24 --> 00:14:28: It will occupy more than 4400 hectares of which 2000
00:14:28 --> 00:14:32: hectares will be for the airport as a potential alternative
00:14:32 --> 00:14:37: urban growth centre to Metro Manila that provokes crowd prepared
00:14:37 --> 00:14:41: zone will become Sep that is a combination of a
00:14:41 --> 00:14:42: business center,
00:14:42 --> 00:14:46: industrial estate, presidential state leisure in their international.
00:14:46 --> 00:14:50: Airport in 1998 we had Palafox became involved in the
00:14:50 --> 00:14:52: planning of Clark.
00:14:52 --> 00:14:56: When we collaborated the Louis Berger International for the preparation
00:14:57 --> 00:15:01: of the conceptual Master Development plan to improve and integrate
00:15:01 --> 00:15:02: the existing main zone,
00:15:02 --> 00:15:07: and subzone master plans for Declark economic zone.
00:15:07 --> 00:15:10: And forward to 2017. We didn't work with Clark Development
00:15:10 --> 00:15:14: Corporation with key representatives and technical working group for the
00:15:14 --> 00:15:19: formulation of the Comprehensive Master Development Plan and business plan
00:15:19 --> 00:15:23: for Clark Freeport Zone and one of the key objectives
00:15:23 --> 00:15:27: of this project is to help transform Clark Freeport Zone
00:15:27 --> 00:15:31: into one of the major drivers of Philippine economic growth.
00:15:31 --> 00:15:35: Within the next 25 to 50 years into a prime
00:15:35 --> 00:15:40: model of development of other special economic zones in the
00:15:40 --> 00:15:45: country in terms of attracting foreign investments and providing a
00:15:45 --> 00:15:47: significant number of job opportunities,

00:15:47 --> 00:15:52: the key strengths and competitive advantages of Clark Freeport Zone

00:15:52 --> 00:15:54: we have identified include,

00:15:54 --> 00:15:58: among others, the key economic engine of learning Tucson and

00:15:58 --> 00:16:01: central zone towards an integrated human.

00:16:01 --> 00:16:04: Involvement, and so state economic development.

00:16:04 --> 00:16:10: It takes the necessary geographic advantages and ecological assets to

00:16:10 --> 00:16:14: become one of the models of emerging smart cities for

00:16:14 --> 00:16:16: the Asia Pacific.

00:16:16 --> 00:16:20: It is intermodal transportation and convergence zones were northern Luzon

00:16:21 --> 00:16:24: and the National Capital Region of Metro Manila.

00:16:24 --> 00:16:29: Strategic location allows it to become the gateway of East

00:16:29 --> 00:16:33: Asia and to establish itself as this Asia economic and

00:16:33 --> 00:16:34: Cultural

00:16:34 --> 00:16:38: Center. We planned it in seven districts and the Clerk

00:16:38 --> 00:16:42: International Sport Airport is about 2000 hectares.

00:16:42 --> 00:16:47: So the two districts Northern District in Southern District are

00:16:47 --> 00:16:49: airport prevent land uses.

00:16:49 --> 00:16:54: And we also had the Metro Manila Clark Railway and

00:16:54 --> 00:16:59: Bus rapid transit so Mickler very accessible to the rest

00:16:59 --> 00:17:03: of Blue Zone and she could potential Rd very well

00:17:03 --> 00:17:07: connected bus rapid transit services.

00:17:07 --> 00:17:10: And all the land users will be mixed.

00:17:10 --> 00:17:16: Use development. Yeah, and the basics of the seven districts.

00:17:16 --> 00:17:20: Are all mixed use developments and team and major land

00:17:20 --> 00:17:24: users that we had the Northern Gateway district north of

00:17:24 --> 00:17:25: the airport.

00:17:25 --> 00:17:30: We did different kinds of airport related their businesses and

00:17:30 --> 00:17:33: we try to put also here in the smart city

00:17:33 --> 00:17:33: concept,

00:17:33 --> 00:17:37: green urbanism concepts and green architecture concepts.

00:17:37 --> 00:17:42: And there will be a railway lighted transit monorail.

00:17:42 --> 00:17:44: And lots of open spaces,

00:17:44 --> 00:17:48: green spaces, the lungs of the CPA and this is

00:17:48 --> 00:17:52: their Clark International Airport that to be opened in this

00:17:52 --> 00:17:53: year 2021.

00:17:57 --> 00:17:59: So again, the Clark International Airport.

00:18:02 --> 00:18:06: So again, the best practices in in airport planning and

00:18:06 --> 00:18:12: be implemented here with various consultants and the

Southern Gateway

00:18:12 --> 00:18:13: District also.

00:18:13 --> 00:18:17: It's like airport city by itself.

00:18:17 --> 00:18:22: And the Southern Gateway again is also airport related businesses

00:18:22 --> 00:18:23: and lunges.

00:18:26 --> 00:18:30: We have a lot of parklike setting more parks and

00:18:30 --> 00:18:31: playgrounds,

00:18:31 --> 00:18:34: rooftop gardens and solar roof.

00:18:42 --> 00:18:44: There's also a river inside Clark,

00:18:44 --> 00:18:48: so we have here a riverfront development.

00:18:48 --> 00:18:55: Or blurred. In the the buildings will be set apart

00:18:55 --> 00:18:58: with lots of love.

00:18:58 --> 00:19:03: Urban open spaces in between and the principles of smart

00:19:03 --> 00:19:03: city.

00:19:03 --> 00:19:07: We live in this technological business part.

00:19:10 --> 00:19:13: Again, integrating places to live,

00:19:13 --> 00:19:17: workshop and dying. Created many parks and open spaces.

00:19:20 --> 00:19:23: Like a boiled Walker born.

00:19:23 --> 00:19:26: And the heritage homes will maintain them with their tall

00:19:26 --> 00:19:27: buildings behind them.

00:19:27 --> 00:19:31: It's not some weird central part and Civic Center stats

00:19:32 --> 00:19:35: and word was the original name of clerk.

00:19:35 --> 00:19:38: And what used to be the parade grounds will be

00:19:38 --> 00:19:41: the central part and Civic Center for color.

00:19:52 --> 00:20:02: So lifestyle this trip. So more of the high end

00:20:02 --> 00:20:03: shops,

00:20:03 --> 00:20:18: fine dining. So this is Clark.

00:20:18 --> 00:20:21: It will be a major activity center in the Philippines

00:20:21 --> 00:20:23: and Gateway to the Philippines.

00:20:26 --> 00:20:30: In the conclusions recommendations we put forward in the

00:20:30 --> 00:20:30: plan

00:20:30 --> 00:20:35: include,

00:20:35 --> 00:20:37: among many others, conducting a road layout and pedestrian

00:20:37 --> 00:20:42: door

00:20:42 --> 00:20:45: affair forecasts that explains.

00:20:45 --> 00:20:51: The required road right of way widths and corridors that

00:20:51 --> 00:20:53: consider the required number of lanes,

00:20:53 --> 00:20:57: enhancing excessive accessibility by establishing additional

00:20:57 --> 00:21:00: entrances and mobility choices

00:20:51 --> 00:20:53: within Clark Freeport Zone.

00:20:53 --> 00:20:57: I think water retention ponds along the Lawrence River that

00:20:57 --> 00:21:00: will serve as a storm water catchment area.

00:21:00 --> 00:21:05: Creating more jobs and foreign investments by adding well planned

00:21:06 --> 00:21:12: industrial and logistics areas equipped with enhanced infrastructure and utilities.

00:21:12 --> 00:21:18: Incorporating security by design, encouraging developments with smart technologies with

00:21:18 --> 00:21:21: 24/7 information and communication systems,

00:21:21 --> 00:21:27: designing Clark preferred zone to be resilient to risk and

00:21:27 --> 00:21:27: changes.

00:21:27 --> 00:21:31: Optimizing land values reconsidering densities.

00:21:31 --> 00:21:36: Promoting culture in the city by giving homemade to

00:21:36 --> 00:21:38: kapangan

00:21:36 --> 00:21:38: culture in the US.

00:21:38 --> 00:21:42: Military heritage positioning Clark is the gateway CP in line

00:21:42 --> 00:21:47: with the new Clark International Airport and the proposed Pampanga,

00:21:47 --> 00:21:53: Megalo Polis and the proposed Metro Manila Clark railway system.

00:21:53 --> 00:21:56: We update you today that we are glad to share

00:21:56 --> 00:22:01: that since the finalization of the comprehensive development plan in

00:22:01 --> 00:22:06: Business Plan Pro Clark Freeport Zone Clark Development Corporation is

00:22:06 --> 00:22:09: already implementing the required floor area ratios,

00:22:09 --> 00:22:12: gross floor areas and percentage blood occupancy.

00:22:12 --> 00:22:16: Moreover, the Clerk of Element Corporation is currently widening major

00:22:16 --> 00:22:20: roads as defined in the Master Development Plan that includes

00:22:20 --> 00:22:23: the recommendations of providing bicycle lanes.

00:22:23 --> 00:22:27: We didn't have Metro Clark bus rapid transit loop.

00:22:27 --> 00:22:32: The Metro Clark Bus Rapid transit loop was introduced during

00:22:32 --> 00:22:34: the 2019 Southeast Asian Games.

00:22:34 --> 00:22:38: It is the first operational bus rapid transit system in

00:22:38 --> 00:22:42: the country and it surged between the main hubs of

00:22:42 --> 00:22:45: the FLIRT Special Economic Zone,

00:22:45 --> 00:22:48: which Clark Freeport Zone to the newer Cloud City to

00:22:49 --> 00:22:51: exclusive stations and dedicated lanes.

00:22:51 --> 00:22:54: Dubbed also hired a consultant.

00:22:54 --> 00:22:58: To formulate the design standards and guidelines in accordance with

00:22:58 --> 00:23:01: the approved Master Development Plan.

00:23:01 --> 00:23:06: In conclusion, the presentation. The comprehensive Master Development plan and

00:23:06 --> 00:23:11: business plan for 3rd preferred Zone Incorporated global best practices.

00:23:11 --> 00:23:15: Entrance to transport Clerk report zone into a sustainable environment.

00:23:15 --> 00:23:18: Friendly, well connected. Is smart,

00:23:18 --> 00:23:23: safe, be born healthy future city well into the 21st

00:23:23 --> 00:23:24: century.

00:23:24 --> 00:23:27: Thank you very much indeed for the opportunity to share

00:23:27 --> 00:23:29: and make a presentation of.

00:23:29 --> 00:23:34: Clark Freeport Zone Aerotropolis Airport live NCP thank you.

00:23:37 --> 00:23:41: We will end a virtual tour by featuring the latest

00:23:41 --> 00:23:43: Greenfield development in Clark,

00:23:43 --> 00:23:47: New Clark City. A smart and resilient city was much

00:23:47 --> 00:23:50: attention given to infrastructure and sustainability.

00:23:50 --> 00:23:55: NCC is envisioned to offer Filipinos a higher quality of

00:23:55 --> 00:23:57: life where they can live,

00:23:57 --> 00:24:00: work and play with their families and the inclusive

00:24:00 --> 00:24:04: community, and Karen Tam, Global managing director of the Master

00:24:05 --> 00:24:06: Planning team with Savannah,

00:24:06 --> 00:24:10: to roll. Savannah Drone Group is a global urban

00:24:10 --> 00:24:13: infrastructure

00:24:10 --> 00:24:13: and managed services consultancy firm.

00:24:13 --> 00:24:16: With over 70 years of track record in successful project

00:24:17 --> 00:24:17: delivery,

00:24:17 --> 00:24:21: Savannah Jerome has built more than a million.

00:24:21 --> 00:24:26: Closest airport created master plans in more than 30

00:24:26 --> 00:24:30: countries

00:24:26 --> 00:24:30: and developed over 100 industrial parks globally.

00:24:30 --> 00:24:35: Our tagline, building seat cities shaping lives expresses how

00:24:36 --> 00:24:41: every

00:24:36 --> 00:24:41: project or undertaking is for the group and opportunity to

00:24:41 --> 00:24:47: fulfill aspirations and enrich lives by designing and delivering

00:24:47 --> 00:24:50: quality,

00:24:47 --> 00:24:50: housing, workspaces, roads, rail, hydropower,

00:24:50 --> 00:24:53: dams, underground and coastal projections,

00:24:53 --> 00:24:57: and other critical infrastructure needed by our clients.

00:24:57 --> 00:25:03: We are redefining cities. And transforming them into

00:25:03 --> 00:25:08: sustainable and

00:25:03 --> 00:25:08: livable spaces where communities and businesses can

00:25:08 --> 00:25:15: thrive.

00:25:08 --> 00:25:15: NCC takes up 9450 hectares within the CSY&Z.

00:25:15 --> 00:25:20: This Greenfield site is planned to be Philippines largest and

00:25:20 --> 00:25:24: 1st Smart Green and disaster resilient Metropolis.

00:25:24 --> 00:25:27: Comprised of several distinct districts.

00:25:27 --> 00:25:30: One of these districts is NGC,

00:25:30 --> 00:25:36: known as specific district. We will now take you on

00:25:36 --> 00:25:40: a journey to experience the Civic district,

00:25:40 --> 00:25:45: which recently hosted the 2019 Southeast Asia gangs raising NCST's

00:25:45 --> 00:25:47: international standing.

00:25:47 --> 00:25:51: This is where near term catalyst projects will begin to

00:25:51 --> 00:25:51: emerge,

00:25:51 --> 00:25:56: further elevating NCC and Clark as the place to be

00:25:56 --> 00:25:59: in the country and the region.

00:25:59 --> 00:26:04: NGC is a 243 hectare site that serves as a

00:26:04 --> 00:26:09: symbolic gateway and select district of NCC.

00:26:09 --> 00:26:13: After hosting a successful Southeast Asia Games in 2019,

00:26:13 --> 00:26:18: the Master Plan update of the NGC evolved and integrated

00:26:18 --> 00:26:24: the built sports venues with government functions to become

00:26:24 --> 00:26:28: a

00:26:28 --> 00:26:33: secondary administration Center for the country.

00:26:33 --> 00:26:35: In line with this, the vision of NGC is to

00:26:35 --> 00:26:41: be an active,

00:26:41 --> 00:26:42: distinctive, innovative civic hub and cultural heart of new Club

00:26:42 --> 00:26:46: City.

00:26:46 --> 00:26:52: Located away from key disaster zones and GAC is well

00:26:52 --> 00:26:56: positioned to become a resident green and attractive

00:26:56 --> 00:27:01: administrative center

00:27:01 --> 00:27:05: that can serve as a primary backup to Philippines

00:27:05 --> 00:27:08: government

00:27:08 --> 00:27:13: and national agencies in Metro Manila.

00:27:13 --> 00:27:18: At the same time, it will serve as a model

00:27:18 --> 00:27:21: district for NZC and Southeast Asia,

00:27:21 --> 00:27:27: boasting of vibrant mix abusers and activities to provide its

00:27:27 --> 00:27:30: residents and visitors with a high quality of life within

00:27:30 --> 00:27:35: a past natural conservation area.

00:27:35 --> 00:27:39: Meandering at its heart. Cut River brings together and

00:27:39 --> 00:27:44: reconnects

00:27:44 --> 00:27:50: NGC with nature and disciples functions.

00:27:50 --> 00:27:56: Focus on diversity. Healthy living,

00:27:56 --> 00:27:59: walkability, social inclusiveness, resiliency, national identity,

00:27:59 --> 00:28:02: and good governance. The detailed master plan for NGC will

00:28:02 --> 00:28:05: ensure that the vision and guiding principles are upheld to

00:28:05 --> 00:28:08: maximize and optimize the available land for appropriate and

00:28:08 --> 00:28:11: high

00:28:11 --> 00:28:14: value users within distinctive urban character.

00:28:01 --> 00:28:05: In doing so, the plan shall serve as a development
00:28:05 --> 00:28:09: guide for potential and like minded locators,
00:28:09 --> 00:28:13: achieving a vibrant and active district and guiding how other
00:28:13 --> 00:28:16: districts in New Clark City will progress.
00:28:19 --> 00:28:23: It's a system for managing developments in NCC.
00:28:23 --> 00:28:28: The NGC DSG shall remain flexible and adaptable to future
00:28:28 --> 00:28:34: changes and at the local contacts and fluctuations in market
00:28:34 --> 00:28:35: demand.
00:28:35 --> 00:28:40: Furthermore, the document describes a set of design criteria
00:28:40 --> 00:28:44: encouraging
00:28:44 --> 00:28:49: developments to go beyond minimal requirements and to
00:28:49 --> 00:28:55: create a
00:28:55 --> 00:28:56: harmonious and an attractive environment and boarding the
00:28:56 --> 00:29:00: vision of
00:29:00 --> 00:29:06: NCC. To achieve that. The fallen key goals and objectives
00:29:06 --> 00:29:10: for NGC.
00:29:10 --> 00:29:15: Detailed design guidelines for aim to 1st.
00:29:15 --> 00:29:20: Advance the master plan through urban and infrastructure
00:29:20 --> 00:29:26: design standards
00:29:26 --> 00:29:27: benefiting all stakeholders and end users.
00:29:27 --> 00:29:33: Second, to propose a comprehensive development control
00:29:33 --> 00:29:36: framework,
00:29:36 --> 00:29:40: guiding and managing buildings, infrastructure and public
00:29:40 --> 00:29:45: spaces.
00:29:45 --> 00:29:47: And 3rd to introduce contemporary and global best practice
00:29:47 --> 00:29:52: development
00:29:52 --> 00:29:57: concepts,
00:29:57 --> 00:30:01: facilitating and attracting investments. By demonstrating the
00:30:01 --> 00:30:06: potential of what
00:30:06 --> 00:30:09: the district and city could be,
00:30:09 --> 00:30:13: these notes shall perform as catalyst projects offering unique
00:30:13 --> 00:30:14: destinations
00:30:14 --> 00:30:19: and showcasing the variety of precinct characters throughout
00:30:19 --> 00:30:23: the district.
00:30:23 --> 00:30:28: Let us now proceed to Waterpoint,
00:30:28 --> 00:30:33: which is envisioned as a beacon by the river.
00:30:33 --> 00:30:38: River Point will be the key landmark along could cut
00:30:38 --> 00:30:43: river and at the corner of major access roads they
00:30:43 --> 00:30:48: are two linked to MacArthur Highway towards the east and
00:30:48 --> 00:30:53: AR5 campus. Bam, Bam Clark Rd to NCC that serves
00:30:53 --> 00:30:58: as the primary meeting venue for a variety of national
00:30:58 --> 00:31:03: government functions and even international conventions or
00:31:03 --> 00:31:08: events throughout the
00:31:08 --> 00:31:13: year. Next, the Southwest quarter,

00:30:24 --> 00:30:28: which is envisioned as the Nexus of two corridors.

00:30:28 --> 00:30:33: Positioned as the commercial center linked to the future Philippines

00:30:33 --> 00:30:35: National Railway PNR station,

00:30:35 --> 00:30:39: which will be the extension from Metro Manila and the

00:30:39 --> 00:30:42: Central business District CBD of NCC.

00:30:42 --> 00:30:47: The node lenses fell as a transition zone to the

00:30:47 --> 00:30:50: planned government financial institutions.

00:30:50 --> 00:30:54: This is an area where in public and private financial

00:30:54 --> 00:30:56: institutions converge,

00:30:56 --> 00:31:00: creating a synergy unlike any other throughout NCC.

00:31:00 --> 00:31:04: Now we turn our attention to the Civic Blvd,

00:31:04 --> 00:31:08: also known as the Boulevard of Inclusiveness.

00:31:08 --> 00:31:14: Pacific Blvd showcases and memorable role of government buildings framing

00:31:14 --> 00:31:18: the approach towards the future CBD on the West as

00:31:18 --> 00:31:22: well as upon departing this city heading east to Brick

00:31:22 --> 00:31:27: Arthur Highway. These buildings are at the heart of the

00:31:27 --> 00:31:29: government cluster.

00:31:29 --> 00:31:31: NGC interconnected by pedestrian bridges,

00:31:31 --> 00:31:36: allowing visitors to stay above the street level to circulate

00:31:36 --> 00:31:41: and access various agencies and even centralized building parking structures.

00:31:44 --> 00:31:48: Moving along here two we get to MacArthur Gateway,

00:31:48 --> 00:31:53: which is a convergence of civic and domestic life.

00:31:53 --> 00:31:57: The MacArthur Gateway is a retail and commercial destination at

00:31:57 --> 00:31:59: the east entry of NCC,

00:31:59 --> 00:32:02: surrounded with a mix of future functions,

00:32:02 --> 00:32:07: both residential and institutional, creating a captive market that will

00:32:07 --> 00:32:10: activate the node both during the day and night.

00:32:12 --> 00:32:17: Finally, we moved to the National Academy of Sports Campus,

00:32:17 --> 00:32:20: envisioned as the field of excellence.

00:32:20 --> 00:32:24: The National Academy of Sports Nasp is linked to the

00:32:24 --> 00:32:27: Clark Sports Training complex,

00:32:27 --> 00:32:32: universities and support facilities. The ending is and its supplementary

00:32:33 --> 00:32:38: programs are strategically located along the Cut River in Habitat

00:32:38 --> 00:32:42: to Foster and cultivate the country's youth athletes colors.

00:32:42 --> 00:32:46: Based on its location along the curb clip Riverina.

00:32:46 --> 00:32:51: NES is focused on reducing the impact and enhancing the

00:32:51 --> 00:32:53: habitat of the River Pkwy,
00:32:53 --> 00:32:57: as well as integrating its programs to embrace its natural
00:32:57 --> 00:32:58: surroundings.
00:33:00 --> 00:33:03: So what's next in NGC,
00:33:03 --> 00:33:06: Cfsi and New Clark City?
00:33:06 --> 00:33:10: To conclude, we like to share some of the new
00:33:10 --> 00:33:15: and upcoming developments that will be located in this area.
00:33:15 --> 00:33:19: Throughout the various planning stages of NGC and CFD
and
00:33:19 --> 00:33:22: contributions from previous consultants,
00:33:22 --> 00:33:27: the detailed design and DSG of these projects will help
00:33:27 --> 00:33:32: to uphold its respective forward looking vision and guiding
principles.
00:33:32 --> 00:33:37: NGC will become a model district in NCC,
00:33:37 --> 00:33:39: showcasing a distinct national identity,
00:33:39 --> 00:33:45: sense of belonging and high quality of life while serving
00:33:45 --> 00:33:52: as a resilient future ready and landmark administrative and
recreational
00:33:52 --> 00:33:55: center in the nation and beyond.
00:33:55 --> 00:33:58: Within NGC, numerous future developments,
00:33:58 --> 00:34:02: including the National Academy of Sports,
00:34:02 --> 00:34:05: Nasp and Banco Central Philippines,
00:34:05 --> 00:34:13: BSP will continue to reinforce the identity and positioning of
00:34:13 --> 00:34:13: NGC.
00:34:13 --> 00:34:18: These important anchor projects will spur future development
in the
00:34:18 --> 00:34:19: district and NCC.
00:34:19 --> 00:34:24: Other ongoing projects and recent mlu's include.
00:34:24 --> 00:34:28: The University of Philippines UP satellite campus.
00:34:28 --> 00:34:37: Philippine Science high school PSHS National Bureau of
Investigation.
00:34:37 --> 00:34:40: NBI? Emergency Operations Center EOC.
00:34:40 --> 00:34:44: All of these ongoing development in their shifters are built
00:34:44 --> 00:34:48: around harnessing a sense of ownership and among the
community
00:34:48 --> 00:34:50: through connectivity,
00:34:50 --> 00:34:53: conservation and a concept of live learn.
00:34:53 --> 00:34:58: Work and play buildings and infrastructures are being built
around,
00:34:58 --> 00:35:00: not built over their natural features.
00:35:00 --> 00:35:05: Trees and greenery constitute the majority of the
development with
00:35:05 --> 00:35:06: 40%
00:35:06 --> 00:35:12: of the entire 4000. 550 Hectar NTC left untouched.

00:35:12 --> 00:35:17: Roads have broad pedestrian lanes and multiple bicycle lanes that

00:35:17 --> 00:35:19: are wide and exclusive.

00:35:19 --> 00:35:23: An extensive bus rapid transport system VRT will be free

00:35:23 --> 00:35:24: for public views.

00:35:24 --> 00:35:28: Clark will be strategically connected to Subic port with the

00:35:28 --> 00:35:32: ongoing Subic Clark rail development in Metro Manila with the

00:35:32 --> 00:35:37: extension of the Philippines National Railway to Clark and eventually

00:35:37 --> 00:35:41: north with the influence of the planning efforts in Clark

00:35:41 --> 00:35:42: is far reaching,

00:35:42 --> 00:35:46: it raises the standard of what cities should be in

00:35:46 --> 00:35:50: a country who has been aspiring for high quality.

00:35:50 --> 00:35:52: Environment in its urban centers.

00:35:52 --> 00:35:56: More importantly, it will uplift the confidence and trust for

00:35:56 --> 00:35:58: the people who will live,

00:35:58 --> 00:36:02: learn, work and play in this great metropolis.

00:36:03 --> 00:36:06: Before we move on to the Q&A,

00:36:06 --> 00:36:08: here are a few words from

00:36:08 --> 00:36:12: Filinvest President Josephine Gutian and Yap on why they chose

00:36:12 --> 00:36:14: Clark as their investment destination.

00:36:14 --> 00:36:18: The feeling best investment in the Clark corridor is a

00:36:18 --> 00:36:22: solid testament to our nation building agenda.

00:36:22 --> 00:36:26: Aligned with the government's vision filling versus proud to play

00:36:26 --> 00:36:30: a pivotal role in the transformation of Clark into the

00:36:30 --> 00:36:34: twin capital and the country's next economic hub.

00:36:34 --> 00:36:38: Our extensive Township experience match by BCDS.

00:36:38 --> 00:36:44: Unwavering support will give birth to a groundbreaking synergy.

00:36:44 --> 00:36:48: A synergy that will empower us to create smart and

00:36:48 --> 00:36:54: innovative eco sustainable cities such as filinvest mimosa plus.

00:36:54 --> 00:36:59: Field invest New Clark City and the Clark International Airport

00:36:59 --> 00:37:00: complex.

00:37:00 --> 00:37:03: That the third administrations build,

00:37:03 --> 00:37:09: build, build, program, set the foundation for this global competitiveness.

00:37:09 --> 00:37:13: Filinvest developments are at the crossroad of this land,

00:37:13 --> 00:37:19: air and water interconnectivity which seamlessly links Clark to the

00:37:19 --> 00:37:23: rest of the country and the world at large.

00:37:23 --> 00:37:27: Infrastructure such as the Clark International Airport.

00:37:27 --> 00:37:32: The North South Commuter Railway and the Subic Clark Cargo

00:37:32 --> 00:37:40: Railway will significantly boost operational efficiencies for our business partners.

00:37:40 --> 00:37:46: The government's initiative in locating the country's first 5G site

00:37:46 --> 00:37:48: in Clark opens many possibilities.

00:37:48 --> 00:37:51: This fifth generation mobile network,

00:37:51 --> 00:37:54: with its high performance and improved efficiencies,

00:37:54 --> 00:37:59: sets the stage for the entry of many new industries

00:37:59 --> 00:38:03: and next generation user experiences.

00:38:03 --> 00:38:07: This enables us to integrate smart city technologies in our

00:38:07 --> 00:38:11: master plan prime for the social and economic landscape of

00:38:12 --> 00:38:12: tomorrow.

00:38:12 --> 00:38:17: We have transformed the 201 hectare filling us mimosa plus

00:38:17 --> 00:38:22: to be a most unique nature based Township in the

00:38:22 --> 00:38:24: Clark Freeport Zone.

00:38:24 --> 00:38:28: Set under the canopy century old Acacia trees with the

00:38:28 --> 00:38:34: expansive breathing room provided by two world class golf championship

00:38:34 --> 00:38:35: courses.

00:38:35 --> 00:38:39: Feeling must be more surplus raises the standards for

00:38:39 --> 00:38:40: sustainable

00:38:43 --> 00:38:48: development.

00:38:48 --> 00:38:49: This enables us to integrate smart city technologies in our

00:38:49 --> 00:38:54: master plan.

00:38:54 --> 00:38:59: Praying for the social and economic landscapes of tomorrow.

00:39:00 --> 00:39:04: That quest, plus hotel and Convention Center and the

00:39:04 --> 00:39:08: upcoming

00:39:08 --> 00:39:12: Mimosa lifestyle mall complete its leisure component.

00:39:12 --> 00:39:17: Investing more so plus is anchored by work plus.

00:39:17 --> 00:39:21: A PEZZE accredited office hub.

00:39:21 --> 00:39:23: Within walking distance is the crib are called living

00:39:23 --> 00:39:29: accommodations

00:39:29 --> 00:39:36: integral to the live work and play attraction for the

00:39:36 --> 00:39:41: workforce of central Luzon.

00:39:41 --> 00:39:46: This sustainability of mimosa Plus is further affirmed by a

00:39:46 --> 00:39:50: district cooling system which reduces carbon emissions and

00:39:50 --> 00:39:54: energy consumption.

00:39:54 --> 00:39:59: The 288 hectare filinvest New Clark City is envisioned to

00:39:59 --> 00:40:04: be a green certified smart city that creates a vibrant

00:40:04 --> 00:40:09: future ready live work play and learn environment.

00:40:09 --> 00:40:14: Truly primed to become a globally competitive city,

00:39:54 --> 00:39:59: it caters to the multifaceted needs of its citizens and
00:39:59 --> 00:40:01: partner locators.
00:40:01 --> 00:40:06: This eco efficient capital aims to set the benchmark for
00:40:06 --> 00:40:09: future planning in the Philippines.
00:40:09 --> 00:40:12: We are excited to share with you that this year
00:40:12 --> 00:40:17: we will be ready to welcome locators in Filinvest Innovation
00:40:17 --> 00:40:17: Park.
00:40:17 --> 00:40:21: The first phase of Filinvest new Clark City.
00:40:21 --> 00:40:26: New generation warehousing will form part of this part and
00:40:26 --> 00:40:30: ready to serve the 4th Industrial Revolution industries.
00:40:33 --> 00:40:38: Filinvest is more than excited to bring the Clark Dream
00:40:38 --> 00:40:41: to life and become a catalyst of progress.
00:40:55 --> 00:40:59: Fantastic, What a tour. So many different places across
00:41:00 --> 00:41:04: 35,000
00:41:04 --> 00:41:07: hectors of specialists of the Clark Special economic zone.
00:41:07 --> 00:41:11: And as you can see,
00:41:11 --> 00:41:16: not only big plans but also many many pieces that
00:41:16 --> 00:41:20: have already been delivered for for many years.
00:41:20 --> 00:41:25: So joining us for the question and answer period,
00:41:25 --> 00:41:29: please do take advantage of the tab down below.
00:41:29 --> 00:41:32: In your zoom application to some questions into the into
00:41:32 --> 00:41:36: the chat joining us today,
00:41:36 --> 00:41:39: our distinguished Panel of Guides retired General Manuel
00:41:39 --> 00:41:43: Garland is
00:41:43 --> 00:41:47: president of Clark Development Corporation,
00:41:47 --> 00:41:52: the state agency in charge of the Clark Freeport Zone,
00:41:52 --> 00:41:53: where the Clark International Airport is located and home to
00:41:59 --> 00:42:03: over 1200 locators and businesses feeding supply chains
00:42:03 --> 00:42:04: worldwide welcome
00:42:04 --> 00:42:08: President Caroline.
00:42:08 --> 00:42:08: Then as we as. Welcome President,
00:42:08 --> 00:42:10: yes to my
00:42:13 --> 00:42:13: fellow panelists and to all the participants in this virtual
00:42:13 --> 00:42:18: tour.
00:42:19 --> 00:42:20: Good morning to all of you.
00:42:20 --> 00:42:23: Good
00:42:23 --> 00:42:26: morning. Thank you. We also have joining US Attorney
00:42:26 --> 00:42:30: Byung
00:42:30 --> 00:42:30: Joon Junko,
00:42:30 --> 00:42:30: who is the chief executive officer of the Losone International
00:42:30 --> 00:42:30: Premier Airport Development Corporation,
00:42:30 --> 00:42:30: or Leappad consortium of Filinvest JG Summit Philippine
00:42:30 --> 00:42:30: Airport Ground

00:42:30 --> 00:42:33: Support Solutions and Singapore's Changi Airport.

00:42:33 --> 00:42:38: Leppard is the operator of Clark International Airport as it

00:42:38 --> 00:42:42: throws its open open its doors to the brand new

00:42:42 --> 00:42:44: Terminal 2 later this year.

00:42:44 --> 00:42:45: Welcome beyond.

00:42:53 --> 00:42:54: Good

00:42:54 --> 00:42:57: morning, good morning everybody and looking forward to this exchange.

00:42:58 --> 00:43:00: Thank you and then finally,

00:43:00 --> 00:43:03: architecture and Tam, who you heard a little earlier.

00:43:03 --> 00:43:06: My friend and former colleague at AECOM,

00:43:06 --> 00:43:09: designer of the Singapore Sports Hub and Housing Development Board

00:43:09 --> 00:43:11: smart urban Habitat Master Plan,

00:43:11 --> 00:43:14: is now global lead for master planning.

00:43:14 --> 00:43:16: Esther Banner of Singapore at Savannah.

00:43:16 --> 00:43:19: She leads the effort to implement great place making cross

00:43:19 --> 00:43:22: Clark as investor and consultant welcome.

00:43:22 --> 00:43:24: Welcome Karen. Thank you very

00:43:24 --> 00:43:26: much. Very people wanted to be here.

00:43:29 --> 00:43:32: Super let me let me start with you.

00:43:32 --> 00:43:35: President Garland Clark has been available for over 25 years.

00:43:35 --> 00:43:37: Actually, it's not. It's not new,

00:43:37 --> 00:43:41: it's been around and it's already with 10s of thousands

00:43:41 --> 00:43:42: of jobs.

00:43:42 --> 00:43:45: And as the as the first round of leases are

00:43:45 --> 00:43:46: now coming up,

00:43:46 --> 00:43:50: still invests. Georgiades said she's looked welcoming a lot of

00:43:50 --> 00:43:51: new locators.

00:43:51 --> 00:43:54: This year has been challenging opportune time with the pandemic

00:43:54 --> 00:43:57: and but you also have new capital improvements and new

00:43:57 --> 00:43:58: digital infrastructure,

00:43:58 --> 00:44:01: and. Opening of hotels is exciting.

00:44:01 --> 00:44:06: What do these New Times offer for interested foreign investors?

00:44:07 --> 00:44:11: Yes, the Clark Development Corporation is now like in a

00:44:11 --> 00:44:16: second generation after more than 27 years of existence,

00:44:16 --> 00:44:19: we have renewed our original locators.

00:44:19 --> 00:44:23: And as you mentioned, we have 1200 more than 1200

00:44:23 --> 00:44:28: locators now and more are signing up and coming into

00:44:28 --> 00:44:29: Clark.

00:44:29 --> 00:44:34: We have seen the infrastructures and we have also seen
00:44:34 --> 00:44:37: the master development plan and this is.
00:44:37 --> 00:44:40: Now the direction of Clark.
00:44:40 --> 00:44:45: We are now transforming from the old AUS Air Force
00:44:45 --> 00:44:49: military base is infrastructures here.
00:44:49 --> 00:44:54: To the modern and digital infrastructures and the technology
that
00:44:54 --> 00:45:00: the Clark Development Corporation is putting in place here in
00:45:00 --> 00:45:04: Clark Freeport Zone and also the Special Economic Zone.
00:45:07 --> 00:45:10: That's fantastic, I'm going to keep it open for lots
00:45:10 --> 00:45:13: of other questions and go around to our other panelists
00:45:13 --> 00:45:16: and then we'll come back to some of these great
00:45:16 --> 00:45:19: plans. Young we part one the concession to operate not
00:45:20 --> 00:45:21: only passenger operations,
00:45:21 --> 00:45:24: but also grow the cargo and maintenance,
00:45:24 --> 00:45:27: repair and overhaul businesses. Private aviation for the next
25
00:45:27 --> 00:45:28: years.
00:45:28 --> 00:45:31: There's a couple of questions one came up in the
00:45:31 --> 00:45:32: chat already.
00:45:32 --> 00:45:34: I'll throw it right in there.
00:45:34 --> 00:45:38: How will the new Clark airport?
00:45:38 --> 00:45:40: Dipper or work with the Manilas Naija,
00:45:40 --> 00:45:44: which is the current at airport of the of the
00:45:44 --> 00:45:48: of the Metro Manila region and then the second one,
00:45:48 --> 00:45:52: a an odd Nick Jonas on in the park participating
00:45:52 --> 00:45:54: in the audience there.
00:45:54 --> 00:45:55: Good question from last session.
00:45:55 --> 00:45:58: How did the partnership come together?
00:45:58 --> 00:46:01: Was the strategy the key decisions to you know to
00:46:02 --> 00:46:03: win this concession as,
00:46:03 --> 00:46:07: as you know, a nice lesson for others overseas looking
00:46:07 --> 00:46:08: that?
00:46:08 --> 00:46:09: Big partnership here in the Philippines.
00:46:11 --> 00:46:14: So maybe I start first with our partners.
00:46:14 --> 00:46:18: Know, as you know, only pad is composed of four
00:46:18 --> 00:46:22: consortium members and all of them has vast experience is
00:46:23 --> 00:46:23: no,
00:46:23 --> 00:46:27: and they have we have experiences in airport operations,
00:46:27 --> 00:46:29: air transportation and property development.
00:46:29 --> 00:46:33: And they're all committed, no in bringing all their expertise
00:46:33 --> 00:46:37: to make Clark International Airport a world class airport.
00:46:37 --> 00:46:41: So first you've seen already one of our consortium members.

00:46:41 --> 00:46:47: Filinvest Development Corporation. This is a leading publicly listed company

00:46:47 --> 00:46:50: in the Philippines and it's led by the Gucci and

00:46:50 --> 00:46:51: family.

00:46:51 --> 00:46:54: It's extensive interest in hotels and of course,

00:46:54 --> 00:46:59: significant development in Clark itself and New Clark City and

00:46:59 --> 00:46:59: next.

00:46:59 --> 00:47:01: We also have JG Summit,

00:47:01 --> 00:47:05: which is also a publicly listed company led by the

00:47:05 --> 00:47:06: Conway family,

00:47:06 --> 00:47:11: which had substantial interest in food or tell our Petro

00:47:11 --> 00:47:11: chemicals.

00:47:11 --> 00:47:15: And also major stockholder of Sybil Pacific,

00:47:15 --> 00:47:20: which is the largest which is 1 domestic carrier and

00:47:20 --> 00:47:25: leading domestic carrier with the largest domestic market share as

00:47:25 --> 00:47:29: well as a very significant international presence.

00:47:29 --> 00:47:34: And as the primary user airlines right all the terminal

00:47:34 --> 00:47:39: airlines are most exposed to the nuances intricacies in airport

00:47:39 --> 00:47:43: operations and understanding both the passengers.

00:47:43 --> 00:47:48: And the airlines needs would make this airport very efficient.

00:47:48 --> 00:47:53: And of course, Changi Airport who's never heard of the

00:47:53 --> 00:47:55: best airport in the world,

00:47:55 --> 00:47:59: right? So Chang is also our strategic partner.

00:47:59 --> 00:48:04: There are technical advisor, they have extensive global experiences spanning

00:48:04 --> 00:48:07: over 20 countries with more than 60 airports know,

00:48:07 --> 00:48:12: including the Singapore Airport Changi Airport and of course,

00:48:12 --> 00:48:15: bugged our Philippine. Airport ground Support Solutions.

00:48:15 --> 00:48:20: Who has ground handling and lounge experiences are in the

00:48:20 --> 00:48:24: various international airports in the Philippines.

00:48:24 --> 00:48:27: So with this great consortium members,

00:48:27 --> 00:48:31: we are really very very excited to bring the new

00:48:31 --> 00:48:36: Clark International Airport experience to our passengers.

00:48:36 --> 00:48:39: How is this different from the year?

00:48:39 --> 00:48:44: So basically before pandemic we almost have the same.

00:48:44 --> 00:48:47: Kind of destinations. International and domestic destinations.

00:48:47 --> 00:48:52: We are quite in the Central Luzon and therefore it's

00:48:52 --> 00:48:56: a premier gateway for Central and Northern Luzon,

00:48:56 --> 00:48:59: and it is also parts of Metro Manila is using

00:48:59 --> 00:49:05: Clark International Airport and maybe later when we discuss connectivity

00:49:05 --> 00:49:09: with the commuter train right from the South all the
00:49:09 --> 00:49:12: way up to the north.
00:49:12 --> 00:49:14: Anybody can use. It's a passenger.
00:49:14 --> 00:49:18: Choice whether they'll go through the ER or Clark with
00:49:18 --> 00:49:21: a travel time of less than one hour with a
00:49:21 --> 00:49:22: commuter train.
00:49:26 --> 00:49:28: Super super exciting and I know many of our UI
00:49:28 --> 00:49:32: audience from the other parts of the Philippines of fraud
00:49:32 --> 00:49:35: archipelago know they know the importance of connectivity,
00:49:35 --> 00:49:38: especially by air. Let me let me pass it to
00:49:38 --> 00:49:41: the Karen really quickly here and look hey new Clark
00:49:41 --> 00:49:45: City formerly cart Green cities work with many contributors.
00:49:45 --> 00:49:48: Incredible pace. We've seen it in in those photos.
00:49:48 --> 00:49:51: Some of those photos are real photos,
00:49:51 --> 00:49:53: not just rendering, you know,
00:49:53 --> 00:49:55: a calm part of the master Plan,
00:49:55 --> 00:49:59: Broadway Malyan Would you write out one design of New
00:49:59 --> 00:49:59: York ADB,
00:49:59 --> 00:50:01: you know, stitched many things together.
00:50:01 --> 00:50:04: There's all under the umbrella of BCD and joined the
00:50:04 --> 00:50:08: Japanese Overseas and Infrastructure Investment
00:50:08 --> 00:50:09: Corporation Seafield 10 in the
00:50:08 --> 00:50:09: audience.
00:50:09 --> 00:50:13: Look, Karen, you're the ultimate stitcher and shepherd of the
00:50:14 --> 00:50:15: implementation of this.
00:50:15 --> 00:50:19: How you know other virtual tours today show built projects
00:50:19 --> 00:50:22: and this unique and being both delivered and upcoming?
00:50:22 --> 00:50:26: So what sets this apart from other upcoming master plans
00:50:26 --> 00:50:28: in the Asia region?
00:50:29 --> 00:50:33: Well, thank you Salvest as well said you didn't mention
00:50:33 --> 00:50:38: that new clock city suddenly or product of many collaborators
00:50:38 --> 00:50:40: and Savannah Jones is one of them.
00:50:40 --> 00:50:44: And what we've done is to capture all the aspirations
00:50:44 --> 00:50:48: and the design intent into the set of design standard
00:50:48 --> 00:50:53: standards and guidelines that will ensure that future
00:50:53 --> 00:50:56: developments will
00:50:53 --> 00:50:56: follow a set of regulations that are not just saves
00:50:56 --> 00:50:57: safeguards.
00:50:57 --> 00:51:01: The vision of the Livable Smartening resident city.
00:51:01 --> 00:51:05: But also provide the guiding principles to optimize available
00:51:05 --> 00:51:09: and
00:51:05 --> 00:51:09: for appropriate and high value users you saw on the
00:51:09 --> 00:51:13: videos that there's so many ongoing projects as well as

00:51:13 --> 00:51:17: new ones that are going to be very exciting to
 00:51:17 --> 00:51:18: look forward to,
 00:51:18 --> 00:51:21: and part of the master plan is really to be
 00:51:21 --> 00:51:25: very adaptive and be able to stitch all the different
 00:51:25 --> 00:51:30: pieces together to stitch the existing developments as well as
 00:51:30 --> 00:51:35: the future. And also safeguard land parcels for the best
 00:51:36 --> 00:51:41: and highest use for the overall master plan so that
 00:51:41 --> 00:51:44: when those investors come to play,
 00:51:44 --> 00:51:50: there will be already errors that are allocated full locators
 00:51:50 --> 00:51:54: to be able to create their very vibrant and dynamic
 00:51:54 --> 00:51:55: environment.
 00:51:55 --> 00:51:59: OK, and going beyond that.
 00:51:59 --> 00:52:04: Manager role has also worked together with stakeholders of very
 00:52:04 --> 00:52:09: closely in order to carry out their efforts and aspirations
 00:52:09 --> 00:52:12: and and and stitch them into the by mentioned the
 00:52:12 --> 00:52:17: design standards and guidelines so that they are able to
 00:52:17 --> 00:52:19: implement these as they go along.
 00:52:21 --> 00:52:24: Yeah, let me let me follow up on that really
 00:52:24 --> 00:52:28: quickly and then I want to jump back to President
 00:52:28 --> 00:52:31: Garland with some infrastructure questions.
 00:52:31 --> 00:52:34: But this this question comes from Nick of SOMA,
 00:52:34 --> 00:52:38: you know, give and give it some people who go
 00:52:38 --> 00:52:40: to look around and say,
 00:52:40 --> 00:52:43: wow, I feel like I'm in Singapore even though I'm
 00:52:43 --> 00:52:45: in Metro Manila.
 00:52:45 --> 00:52:48: But clearly different cultural cultural differences and different
 00:52:48 --> 00:52:51: environment.
 00:52:48 --> 00:52:51: What, what? What do you think?
 00:52:51 --> 00:52:53: Some of those differences are and.
 00:52:53 --> 00:52:55: How do you? How did that inform some of that?
 00:52:55 --> 00:52:58: Those strategies were designed. OK,
 00:52:58 --> 00:53:03: I think coming from a Singapore perspective because you
 00:53:03 --> 00:53:06: know
 00:53:06 --> 00:53:08: a lot of times we are known for being sort
 00:53:08 --> 00:53:12: of very organized and maybe,
 00:53:13 --> 00:53:15: and you know, and our regulations may may tend to
 00:53:15 --> 00:53:20: be a little bit more restrictive.
 00:53:20 --> 00:53:23: We understand in in, in the Philippines that totally different
 00:53:23 --> 00:53:26: culture and that people were more open.
 00:53:26 --> 00:53:29: There were extroverted. They're more fun loving.
 00:53:29 --> 00:53:33: I think sorry the for the Singaporeans.
 00:53:29 --> 00:53:33: Of the call and we take that into perspective when

00:53:33 --> 00:53:35: we design all the different,
00:53:35 --> 00:53:38: the public realm and the open spaces so that this
00:53:38 --> 00:53:42: is a lot more interaction and place making and also
00:53:42 --> 00:53:47: cultural aspects are taken into consideration while the design
is
00:53:47 --> 00:53:50: these spaces as well. In fact a lot of the
00:53:50 --> 00:53:54: public spaces and the public realm we hope will be
00:53:54 --> 00:53:59: designed by a local Filipinos so that they can instill.
00:53:59 --> 00:54:03: Art and culture and the way they want to use
00:54:03 --> 00:54:07: spaces and the way they they would like to live.
00:54:07 --> 00:54:11: So a lot of these are taken into consideration in
00:54:11 --> 00:54:15: the design of the master plan as well as the
00:54:15 --> 00:54:16: the designs,
00:54:16 --> 00:54:21: standards and guidelines. Also, we have local Filipinos on
our
00:54:21 --> 00:54:25: team that helped to guide us through to bridge different
00:54:25 --> 00:54:29: cultural expectations and to be able to ensure that the
00:54:29 --> 00:54:32: outcome. Is indeed meaningful as well as,
00:54:32 --> 00:54:35: uh, resonates with the people of Philippines.
00:54:35 --> 00:54:37: Thanks fantastic and say,
00:54:37 --> 00:54:41: how did Jonas for me?
00:54:41 --> 00:54:44: I I wanna I wanna give a president girl I
00:54:44 --> 00:54:47: know a little bit of time here and then I
00:54:47 --> 00:54:50: want to jump to beyond because she's got some thoughts
00:54:50 --> 00:54:53: about the connectivity, especially field question about
infrastructure.
00:54:53 --> 00:54:57: But President Garland you know a lot of our audience
00:54:57 --> 00:55:00: is from overseas as well and risk is always at
00:55:00 --> 00:55:03: the top of mind for cross border investments.
00:55:03 --> 00:55:07: Now what's unique about Clark in the Philippines,
00:55:07 --> 00:55:10: especially compared to, say, places like Vietnam,
00:55:10 --> 00:55:13: Thailand, Indonesia. Well
00:55:13 --> 00:55:17: God, thank you for that question and it gives me
00:55:17 --> 00:55:20: an opportunity to self Clark.
00:55:20 --> 00:55:23: Further, I as you have seen I,
00:55:23 --> 00:55:26: as you have seen from the video earlier,
00:55:26 --> 00:55:30: we have the infrastructures and we are being guided by
00:55:31 --> 00:55:35: the master development plan developed by our partner,
00:55:35 --> 00:55:39: the Palafox Associates. And now aside from the human
resources
00:55:40 --> 00:55:43: that is one of the advantages of the Philippines.
00:55:43 --> 00:55:49: We are constantly rated as stable by most credit review
00:55:49 --> 00:55:52: institutions and also we have

00:55:52 --> 00:55:55: a developments going on.
 00:55:55 --> 00:56:01: Even with the pandemic, a lot of investors and locators
 00:56:01 --> 00:56:06: are signing up in in Clark and we have welcomed
 00:56:06 --> 00:56:10: them during the midst of the pandemic.
 00:56:10 --> 00:56:14: Clarity is taking care of our.
 00:56:14 --> 00:56:17: Locators with the master plan.
 00:56:17 --> 00:56:22: We have also adopted the and corrected our systems and
 00:56:22 --> 00:56:23: procedures.
 00:56:23 --> 00:56:27: We are now in the process of transformation,
 00:56:27 --> 00:56:32: so the ease of doing business has definitely improved.
 00:56:32 --> 00:56:39: In Clark Development Corporation and for our would be
 investors
 00:56:39 --> 00:56:43: I I would say that if you go and invest
 00:56:43 --> 00:56:44: in Clark.
 00:56:44 --> 00:56:47: It's not. It's not only going to,
 00:56:47 --> 00:56:50: you know. You're not only going to work in the
 00:56:50 --> 00:56:51: Philippines,
 00:56:51 --> 00:56:55: but there's a danger that you will stay here for
 00:56:55 --> 00:56:58: good because of the very good quality of life at
 00:56:58 --> 00:57:00: the Freeport zone.
 00:57:00 --> 00:57:03: We have learned our lesson from Metro Manila,
 00:57:03 --> 00:57:06: which turned out very congested and there you have seen
 00:57:07 --> 00:57:07: our roads,
 00:57:07 --> 00:57:10: our parks and we intend to preserve,
 00:57:10 --> 00:57:14: and we intend to implement our master development plan for
 00:57:14 --> 00:57:15: the next.
 00:57:15 --> 00:57:17: 50 years or so. Thank you,
 00:57:17 --> 00:57:18: Sylvester, thank
 00:57:18 --> 00:57:20: you, thank you. That's you know,
 00:57:20 --> 00:57:25: Nation building is such an important part of that and
 00:57:25 --> 00:57:28: and royal Panetta touched on it with the modern,
 00:57:28 --> 00:57:32: Filipino focus reusing lahar. It's it's all about working with
 00:57:32 --> 00:57:33: climate young,
 00:57:33 --> 00:57:36: so we were. We were we were in the middle
 00:57:36 --> 00:57:42: of the question about infrastructure and connectivity and
 looking beyond
 00:57:42 --> 00:57:43: just the airport.
 00:57:43 --> 00:57:45: And at this whole intersection.
 00:57:45 --> 00:57:48: Of of land development and connectivity.
 00:57:49 --> 00:57:53: Yes, now I was just going to mention that you
 00:57:53 --> 00:57:57: know that we were aware awarded not only the airport
 00:57:57 --> 00:58:02: operations and management but also 800 hectares of Civil
 Aviation

00:58:02 --> 00:58:06: complex and there are still over 200 hectares of that.

00:58:06 --> 00:58:11: That's four development, and that's why we're looking towards developing

00:58:11 --> 00:58:13: a first base of more than 50 hectares.

00:58:13 --> 00:58:16: Focusing on the key aviation businesses,

00:58:16 --> 00:58:20: which is the cargo the business and aviation businesses?

00:58:20 --> 00:58:22: Now, as well as the MRO,

00:58:22 --> 00:58:25: the maintenance, repair and overhaul businesses.

00:58:25 --> 00:58:28: And of course this is very good because of connectivity.

00:58:28 --> 00:58:32: Again, you know where in the Luzon you have connection

00:58:32 --> 00:58:33: between land,

00:58:33 --> 00:58:36: air and sea. I think people have talked about all

00:58:37 --> 00:58:40: the connectivity that we have already in all of this

00:58:40 --> 00:58:42: in this discussion,

00:58:42 --> 00:58:45: but I think the fact is Clark we are located

00:58:45 --> 00:58:47: in the Clark Freeport zone.

00:58:47 --> 00:58:51: So for the aviation businesses that are interested.

00:58:51 --> 00:58:54: In relocating to Clark, we are in the Clark Freeport

00:58:55 --> 00:58:59: zone with very good skilled personnel around the airport.

00:58:59 --> 00:59:03: Low cost skilled labor available as well as the presence

00:59:03 --> 00:59:04: of government support.

00:59:04 --> 00:59:08: Our partner is BCA as you know.

00:59:08 --> 00:59:13: And very attractive incentives which I think CDC has touched

00:59:13 --> 00:59:14: upon already.

00:59:14 --> 00:59:18: So please, we welcome new locators in our aviation complex

00:59:18 --> 00:59:19: also.

00:59:20 --> 00:59:23: Thank you, thank you so much.

00:59:23 --> 00:59:26: UM, welcome any final questions as well.

00:59:26 --> 00:59:30: Uh, I think we're at the end of our time,

00:59:30 --> 00:59:34: so I I would love to thank everybody.

00:59:34 --> 00:59:38: President Manuel Garland, President, A CEO beyond to

00:59:38 --> 00:59:42: encode and

00:59:42 --> 00:59:45: then a global head for master planning Carentan there's

00:59:45 --> 00:59:50: one small question about mountain,

00:59:50 --> 00:59:51: not Pinatubo itself. I'm from the the the STDSOT that

00:59:51 --> 00:59:55: sorry.

00:59:55 --> 00:59:59: The Department of Science they they looked at about a

00:59:59 --> 01:00:03: 400 or 500 year time frame for the next month.

01:00:03 --> 01:00:07: So I I think sitting 50 meters above sea level

01:00:07 --> 01:00:12: and away from all these earthquake fault zones.

01:00:12 --> 01:00:17: It's one of the reasons that we integrated Operation Center

01:00:17 --> 01:00:17: for the Philippines is located here housing over 25 agencies

01:00:17 --> 01:00:17: now.
01:00:17 --> 01:00:21: Anyway, great, thanks a lot.
01:00:21 --> 01:00:23: Any of the panelists have parting words?
01:00:27 --> 01:00:29: Oh yeah, our last parking word,
01:00:29 --> 01:00:34: which is we hope to open the terminal this year.
01:00:34 --> 01:00:37: I was asked how is it different from the ear.
01:00:37 --> 01:00:41: We have contactless system. We have a silent airport policy
01:00:41 --> 01:00:44: and is a very inclusive airport and I want to
01:00:44 --> 01:00:47: invite everybody to come and experience it first hand.
01:00:47 --> 01:00:48: Thank you. Thank you.
01:00:48 --> 01:00:52: Be all. I'm hopeful that everyone on the on the
01:00:52 --> 01:00:55: UI call from the region today is now has an
01:00:55 --> 01:00:58: idea planted in in the back of your mind.
01:00:58 --> 01:01:02: Maybe it's time to plan for another summit and we're
01:01:02 --> 01:01:04: all flying back and forth.
01:01:04 --> 01:01:07: Around the region again to go check out your new
01:01:07 --> 01:01:10: airport and maybe host here in the Philippines.
01:01:10 --> 01:01:11: One of these
01:01:11 --> 01:01:13: years very much welcome. Thank you.
01:01:14 --> 01:01:17: Thanks a lot to be HDA Attorney joy coupon issues
01:01:17 --> 01:01:20: on the on the call and and CDC for for
01:01:21 --> 01:01:25: all the production help to get this virtual tour off
01:01:25 --> 01:01:28: the ground and look forward to hearing more and much
01:01:28 --> 01:01:31: thanks for Ur Philippines for being the host.
01:01:31 --> 01:01:35: I see our our legacy founder Charlie Female was on
01:01:35 --> 01:01:39: the call and where she knows on and a few
01:01:39 --> 01:01:42: others thanks and and hope to see you all at
01:01:42 --> 01:01:45: the next session. Would you lie?
01:01:45 --> 01:01:47: Asia Pacific Summit may 2021.
01:01:47 --> 01:01:51: Stay healthy, stay safe and stay informed.
01:01:51 --> 01:01:51: Thank you.
01:01:53 --> 01:01:54: Thank you, goodbye, thank
01:01:54 --> 01:01:54: you.

This video transcript has been machine-generated, so it may not be accurate. It is for personal use only. Reproduction or use without written permission is prohibited. If you have a correction or for permission inquiries, please contact [\[email protected\]](#).