

ANGKASA CITY

INTRODUCTION

ANGKASA CITY IS A UNIQUE CITY BUILT ON THE SEA WITH CONSIDERATION OF HARMONIOUS BALANCE BETWEEN PEOPLE AND ENVIRONMENT THAT AIMS TO ACHIEVE SUSTAINABILITY AND HIGH QUALITY OF LIFE.

ANGKASA MEANS OUTER SPACE IN MALAY AND THIS REFERS TO ANGKASA CITY FOCUS ON KICK-STARTING AND IMPROVING THE NATIONAL SPACE PROGRAM, ANGKASA, AS WELL AS ASEAN SPACE PROGRAMS AS A WHOLE. THIS WOULD POSITIVELY BRING SCIENTIFIC AND TECHNOLOGICAL ADVANCEMENT TO THE WORLD.

SUSTAINABILITY

ANGKASA CITY MAIN OBJECTIVE IS TO CREATE A CITY WHICH ITS RESIDENCE CAN ENJOY DECENT QUALITY OF LIFE FOR HUNDREDS OF YEARS TO COME. ANGKASA CITY STRIVES FOR SUSTAINABILITY BY HAVING A RELIABLE AND ECO-FRIENDLY TRANSPORTATION MEANS, CLEAN RENEWABLE ENERGY AND WATER SOURCE, A STRONG LOCAL ECONOMY AS WELL AS LOTS OF RECREATIONAL AND LEISURE AREAS.

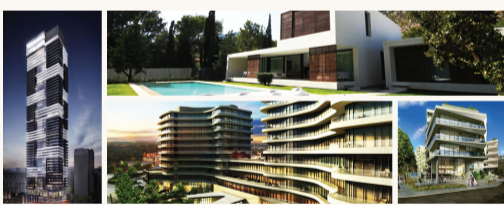
ON THE WATER

LIVING ON THE WATERFRONT PROVIDES AN INTRIGUING LIFESTYLE FOR THE PEOPLE AS. HOWEVER, IT ALSO POSES AS A CHALLENGE AS THIS TYPE OF CITY IS PRONE TO DISASTER. NEVERTHELESS, BUILDING ON WATER BODIES IS ONE OF THE ONLY SUITABLE PLACE TO BUILD IN THE FUTURE AS EMPTY LANDS BECAME INCREASINGLY SCARCE DUE TO EXPONENTIAL GROWTH OF HUMAN POPULATION AND DEVELOPMENT. ANGKASA CITY HOPES THAT IT WILL BE ONE OF THE PIONEERS TO BUILD A MEGACITY ON A WATER.

CONCEPT

RESIDENCY

ANGKASA CITY PROVIDES DIFFERENT KINDS OF RESIDENTIAL FOR MAXIMUM RESIDENTS COMFORT AS WELL AS PREFERENCE. TO PROMOTE EQUALITY AND HIGHER STANDARD OF LIVING, PEOPLE OF DIFFERENT CLASSES AND RACIAL BACKGROUND WILL BE ENCOURAGE TO LIVE BY ONE ANOTHER HARMONIOUSLY AND PEACEFULLY.



CULTURE & RELIGION

ANGKASA CITY WILL COMBINE AND CREATE A HARMONY BETWEEN TRADITIONAL CULTURE AND MODERN DEVELOPMENT THAT GREATLY RESEMBLES THE SPIRIT OF MALAYSIA AS A CONSERVATIVE YET DEVELOPING MULTIRACIAL COUNTRY. COLORFUL CULTURAL FESTIVALS AND LOCAL DELICIOUS CUISINE ARE JUST A FEW OF WHAT ANGKASA CITY OFFER. MOREOVER, ANGKASA CITY CONTAINS VARIOUS RELIGIOUS BUILDINGS.



EDUCATION

A QUALITY EDUCATION IS EXTREMELY IMPORTANT FOR CONTINUING SUSTAINABILITY. ANGKASA CITY STRIVES TO PROVIDE BOTH PUBLIC AND PRIVATE EDUCATIONAL INSTITUTIONS AS WELL AS SEVERAL HIGHER LEARNING INSTITUTION THAT OFFERS UNDERGRADUATE AND POSTGRADUATE STUDIES SUCH AS THE ANGKASA INTERNATIONAL UNIVERSITY AND UNIVERSITI SAINS ANGKASA.



SPORTS & LEISURE

AS ANY GREAT CITY, ANGKASA CITY WILL PROVIDE INNUMERABLE RECREATIONAL AREAS FOR RELAXATION, STRESS RELIEF AND ENTERTAINMENT. A NOTABLE EXAMPLE IN ANGKASA CITY WOULD BE THE URSA MAJOR PARK, NAMED AFTER A CONSTELLATION WHICH WOULD BE THE LARGEST PARK IN THE CITY. MOREOVER, ANGKASA CITY WILL CONTAIN A STADIUM COMPLEX, A MAN-MADE BEACH AS WELL AS A THEME-PARK AND COUNTLESS OTHERS.



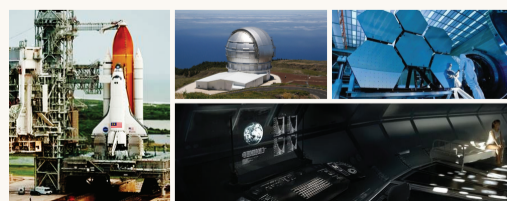
BUSINESS

ANGKASA CITY PROVIDES A LARGE PERCENTAGE OF AREA SPECIFICALLY FOR COMMERCIALS AND RETAIL. THE CITY ALSO ENCOURAGE AND HOPE TO ATTRACT AS MANY CORPORATIONS AND COMPANIES TO SET-UP BUSINESSES IN THE AREA AS IT CAN WHETHER TO SET-UP FACTORIES OR OFFICE BUILDINGS. OBVIOUS BENEFITS WOULD BE SUFFICIENT JOBS FOR THE RESIDENTS.



SPACE INDUSTRY

ANGKASA CITY WILL BE A CITY WITH PRIMARY FOCUS ON ADVANCING NATIONAL AND REGIONAL SPACE PROGRAM. THE MAIN INTENTION IS TO MAKE OUR COUNTRY HAVING INVOLVE MORE PROMINENTLY ON SPACE RESEARCH AND DEVELOPMENT, EFFECTIVELY MAKING IT A REGIONAL HUB FOR SPACE INDUSTRY. TO ACHIEVE THIS GOAL, ANGKASA CITY WILL PROVIDE A SPECIALLY DESIGNATED AREA FOR SPACE INDUSTRY RELATED FACILITY.



ENVIRONMENT CONSERVATION

TO ACHIEVE SUSTAINABILITY, ONE MUST TAKE INTO ACCOUNT ENVIRONMENTAL CONCERN. FOR ANGKASA CITY, IT IS WITHOUT A DOUBT THAT IT WOULD CAUSE A LARGE DISTURPTION IN MARINE ECOLOGY. TO LESSEN THE DESTRUCTIVE EFFECT, ANGKASA CITY WILL TRY TO INITIALIZE MARINE CONSERVATION PROGRAMS THAT WOULD PROTECT AND PRESERVE MARINE LIFE. IT WILL ALSO BUILD A GOVERNMENT-FUNDED MARINE LIFE CONSERVATION CENTER AND SEVERAL AQUARIUMS.



TRANSPORTATION

ANGKASA CITY WILL FOCUS ON HAVING AT LEAST 70% OF ITS POPULATION USING EITHER PUBLIC TRANSPORT OR BICYCLE AS THEIR MAIN METHOD OF TRANSPORTATION. INCENTIVES SUCH AS MAKING BICYCLE ONLY PATHWAYS AND RELIABLE AND EFFICIENT PUBLIC TRANSPORT WILL HOPEFULLY ENCOURAGE RESIDENTS TO FOLLOW THIS ECO-FRIENDLY TREND. NEVERTHELESS, BASIC FACILITIES SUCH AS REGULAR ROADS AND HIGHWAY IS AVAILABLE.



THE CITY OF THE FUTURE

PRINCIPLE

THE SHAPE OF THE CITY LAYOUT IS INSPIRED BY A TYPICAL RADIO SATELLITE DISH. THE SHAPE IS ALSO CIRCULAR AS THIS ALLOWS FOR EQUAL DISTANCE TO THE CENTRAL PLAZA CONTAINING GOVERNMENT BUILDINGS AND A NATIONAL MOSQUE. FURTHERMORE, THE CITY IS DESIGNED IN A WAY THAT BRING HARMONIOUS BALANCE BETWEEN LAND (THE CITY) AND WATER WHILE ALSO GIVING A SENSE OF SECURITY DUE TO THE OUTER CIRCLE RING.

FEATURED LANDMARKS



ANGKASA MARKET



THE CENTRAL PLAZA



NATIONAL MOSQUE



THE GREEN TOWER



CULTURAL VILLAGE



AQUA TERMINUS THEME PARK

CITY ON A WATER

ADAPTATION

THERE ARE SEVERAL ADAPTATIONS NEED TO BE CONSIDERED WHILE BUILDING A CITY ON A SEA. THE FOREMOST ADAPTATION WILL BE THE CITY PLATFORM/BASE ITSELF. TO PREVENT UNWANTED DISASTER, THE BASE AND THE CITY ITSELF MUST BE RESISTANT TO FLOODING, EARTHQUAKE AND TSUNAMI.

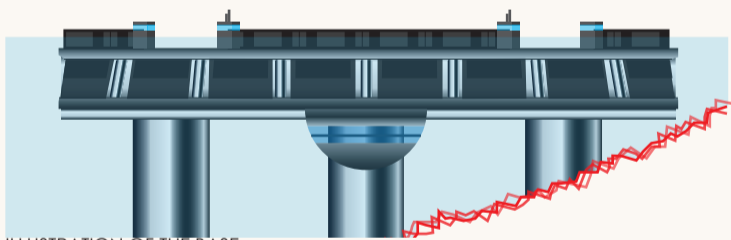


ILLUSTRATION OF THE BASE

INTERESTING ACTIVITIES



SURFING

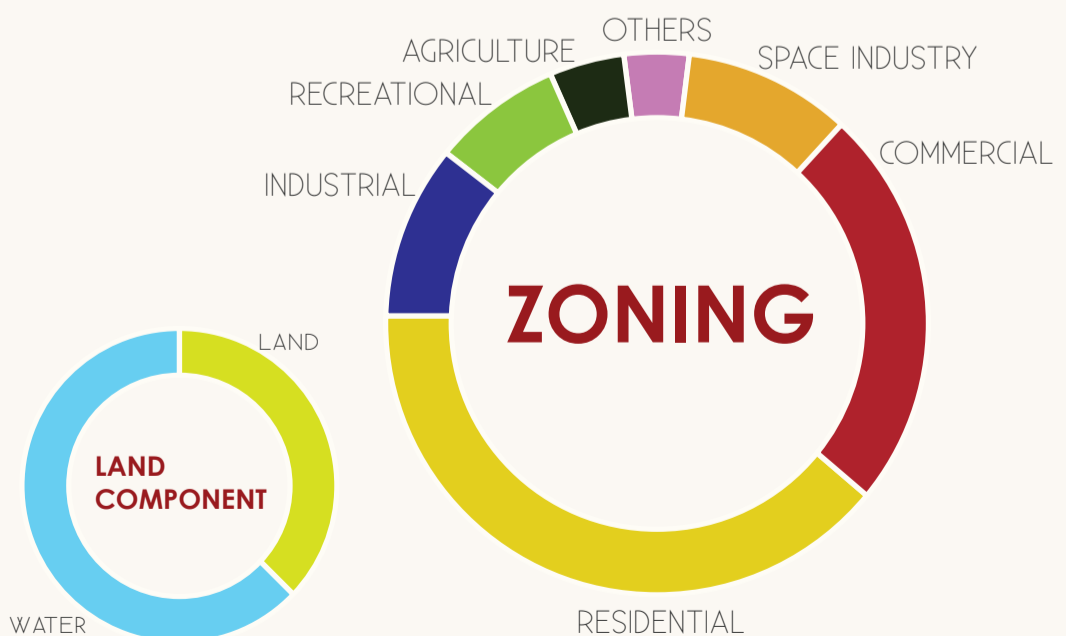
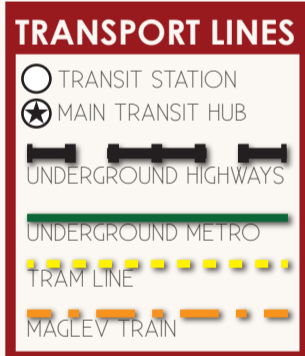
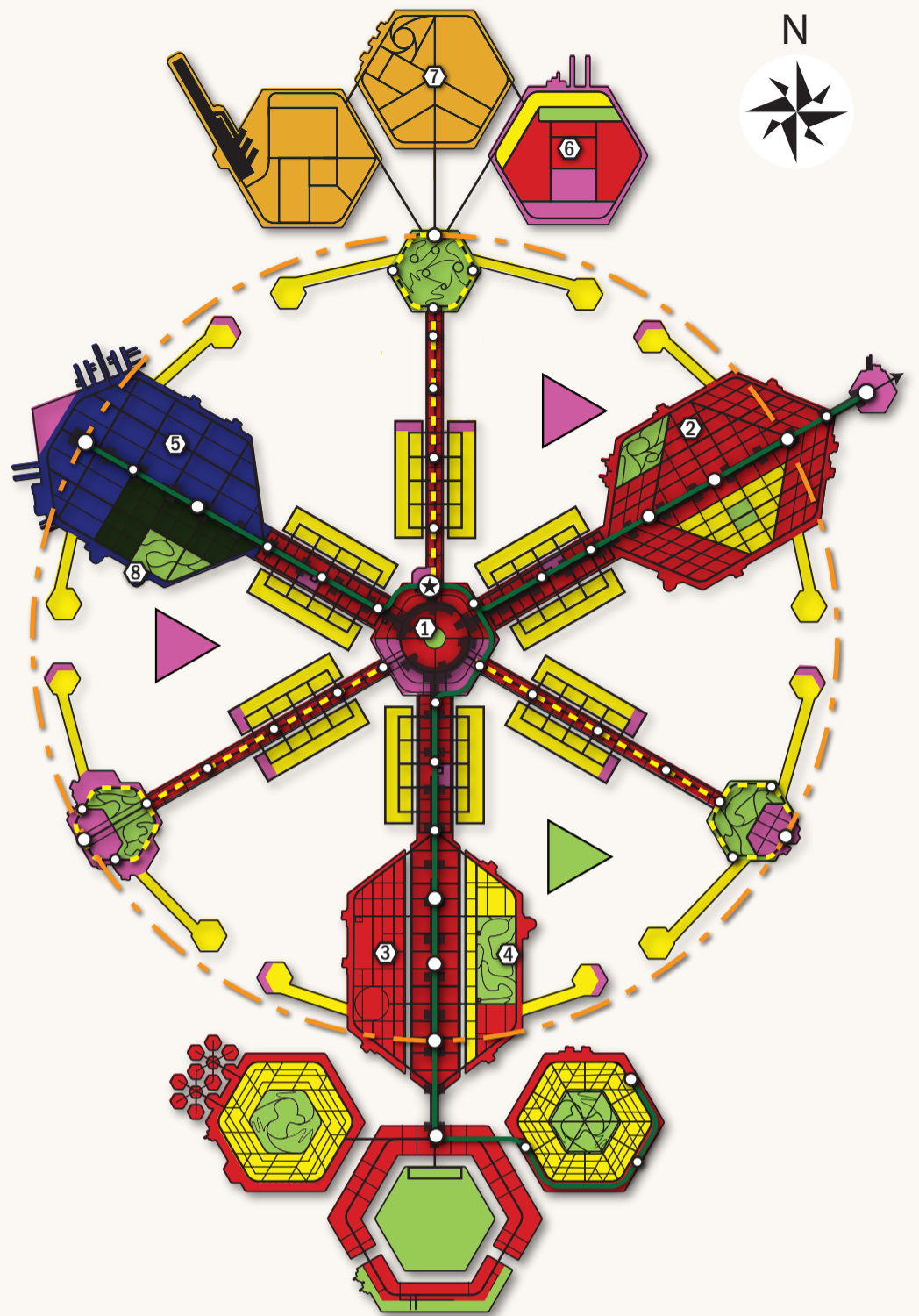


DIVING



WATER SKATING

ZONING



SUSTAINABILITY

TO BE A SUCCESSFUL CITY, SUSTAINABILITY IS THE MOST IMPORTANT AND THE MOST CHALLENGING FACTOR TO BE TAKEN INTO ACCOUNT. BY MAKING ANGKASA CITY SUSTAINABLE, IT WILL ALLOW ITSELF TO SURVIVE AND HAVE SUFFICIENT ECONOMY TO CATER ITS POPULATION FOR HUNDREDS OF YEARS TO COME. GREEN ENERGIES, EFFICIENT TRANSPORTATION, HIGH QUALITY OF LIVING ARE ALSO KEY TO SUSTAINABILITY.



“**THE FIRST RULE OF SUSTAINABILITY IS TO ALIGN WITH NATURAL FORCE, OR AT LEAST TRY NOT TO DEFY THEM.**

” PAUL HAWKEN

“**THE FUTURE IS GREEN ENERGY, SUSTAINABILITY AND RENEWABLE ENERGY.**

” ARNOLD SCHWARZENEGGER

FOOD PRODUCTION

IN ADDITION WITH IMPORT PRODUCTS, ANGKASA CITY WILL ALSO PRODUCE ITS OWN FOOD THROUGH HIGH RISE VERTICAL FARMS AND AQUAPONIC FARMS. THE INDUSTRIAL AREAS ALSO MANUFACTURES FOOD PRODUCTS AMONGST OTHER THINGS USING ALTERNATIVE ECO-FRIENDLY METHOD.



WATER SOURCE

ANGKASA CITY TAKES ADVANTAGE OF ITS LOCATION BY USING THE SEA WATER AS A PRIMARY WATER SOURCE. THE SEA WATER WILL BE COLLECTED AND FILTERED IN ONE OF MANY DESALINATION PLANTS (INTEGRATED TO THE CITY BASE) WHICH USE THE METHOD OF REVERSE OSMOSIS. IN ADDITION, WATER IS ALSO COLLECTED DURING RAIN USING A COLLECTION SYSTEM.



GREEN ENERGY

ANGKASA CITY AIM TO USE AT LEAST 95% RENEWABLE AND GREEN ENERGY AND HAS A MUCH LOWER CARBON FOOTPRINT PER CAPITA. THIS IS IN SHARP CONTRAST TO THE NATIONAL RENEWABLE ENERGY CONSUMPTION WHICH IS ONLY 8%. THIS ENERGY COMES IS COLLECTED THROUGH WIND FARMS, HYDROELECTRIC DAMS (INTEGRATED TO THE CITY BASE) AND SOLAR FARMS. IN ADDITION, EVERY BUILDING IN THE CITY WILL REQUIRED TO INSTALL SOLAR PANELS.



QUALITY OF LIVING

MANY DIFFERENT TYPES OF RECREATIONAL AREAS IS PLANNED TO BE BUILT ALL OVER THE CITY TO ALLOW EASY ACCESS TO LOCAL RESIDENTS. FURTHERMORE, THERE ARE PUBLIC TRANSPORTS THAT ALLOWS RESIDENTS TO TRAVEL EASILY AND COMFORTABLY. MORE IMPORTANTLY, THE CITY WILL BE CONSTANTLY PROTECTED AND MONITORED BY POLICE AND THE MARITIME. ON THE SOUTH EASTERN SIDE OF THE CITY, THERE IS A MEDICAL CENTER TO CATER THE SICK. EDUCATIONAL CENTERS AND PUBLIC LIBRARIES ARE ALSO AVAILABLE.



TRANSPORTATION

UNDERGROUND HIGHWAYS

UNDERGROUND HIGHWAYS CONNECTS THE MAIN DISTRICT IN THE CITY. IT IS UNDERGROUND TO ALLOW FOR MORE SPACE TO BE USED FOR OTHER PURPOSES. THE HIGHWAYS CAN ALSO BECOMES A STORM DRAINAGE WHICH COLLECT WATER DURING HEAVY RAIN AND RELEASE EXCESS TO THE SEA. THIS INTEGRATED SYSTEM IS KNOWN AS A SMART TUNNEL, A CONCEPT INVENTED IN MALAYSIA.



ELECTRIC/HYBRID VEHICLES

IT IS A KNOWN FACT THAT THE WORLD'S RESERVE ON FOSSIL FUEL IS ON THE VERGE OF DEPLETION. THEREFORE, ELECTRIC CARS IS DEFINITELY THE FUTURE'S ALTERNATIVE THAT IS MORE ECO-FRIENDLY AND RELIABLE. PUBLIC BUSES, TAXI WILL ALSO BE USING ELECTRICAL OR HYDROGEN FUEL. ANGKASA CITY RESIDENTS ARE GREATLY ENCOURAGED TO USE THIS MEANS OF CLEANER PERSONAL TRANSPORTATION.



ECONOMY SPACE INDUSTRY

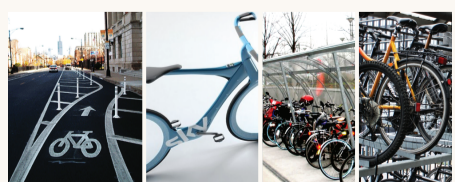
ANGKASA CITY FEATURE A LARGE AEROSPACE CENTER LOCATED NORTH OF THE CITY. IT COVERS APPROXIMATELY 10% OF THE TOTAL AREA OF THE CITY. THIS FACILITY IS NOT ONLY RESERVED SPECIFICALLY FOR SPACE RESEARCH BUT RATHER ON TECHNOLOGY DEVELOPMENTS, MATERIAL AND CHEMICAL RESEARCH AND AN EXPO BUILDING FOR VISITORS AND TOURIST. CURRENTLY, SPACE MARKET IS GROWING EXPONENTIALLY AND WILL PROVIDE MANY BENEFITS FOR MALAYSIA AND THE ASEAN REGION SUCH AS TECHNOLOGY IMPROVEMENT AND MORE INTERNATIONAL INVOLVEMENT IN SCIENTIFIC ADVANCEMENT.

THE FACILITY INCLUDES AN EXTREMELY LARGE HANGAR, A NON-COMMERCIAL AIRPORT, RADIO ARRAYS, LABORATORIES, AN OBSERVATORY, A LAUNCH PAD AND A MISSION CONTROL BUILDING AS WELL AS A SOLAR FARM.



BICYCLE LANE/PARKING

BICYCLE IS ONE OF THE MOST EFFECTIVE AND CLEANEST METHOD TO TRAVEL AROUND SHORT DISTANCE. ANGKASA CITY PROVIDES FACILITIES SUCH AS BICYCLE LANE AND PARKING RACK ALL OVER THE CITY. THERE WILL ALSO BE A BICYCLE RENTING SYSTEM THAT HAS BEEN SUCCESSFULLY IMPLEMENTED IN EUROPE.



PUBLIC TRANSIT SYSTEM

EVERY SUCCESSFUL METROCITY IN THE WORLD WILL HAVE AN EFFICIENT PUBLIC TRANSIT SYSTEM. ANGKASA CITY WILL HAVE MULTI-LINE TRANSIT SYSTEM WITH SEVERAL INTERCHANGE STATION AND A TRANSIT HUB, LOCATED NEAR THE CENTRAL PLAZA. THE TRANSIT SYSTEM IN ANGKASA CITY IS DIVIDED INTO 3 TYPES, MAGLEV (MAGNETIC LEVITATION) TRAIN LINE, UNDERGROUND METRO LINE AND ULF (ULTRA LOW FLOOR) TRAM LINE.



TOURISM

IN ADDITION TO SPACE INDUSTRY, TOURISM WILL ALSO BE ANOTHER MAIN ECONOMY FOR THE CITY. NATURALLY, TOURIST WILL BE INTERESTED IN VISITING ANGKASA CITY DUE THE FACT THAT THE CITY IS ONE-OF-A-KIND DUE TO ITS GEOGRAPHIC LOCATION.

THIS WILL GIVE A STRONG SENSE OF PLACE THAT MAKES VISITING IT AN EXITING EXPERIENCE. MOREOVER, ANGKASA CITY IS PLANNED TO HAVE COUNTLESS TOURISM SPOTS IN THE FORM OF LANDMARKS, RECREATIONAL AREAS, CULTURAL AREAS TO ATTRACT MORE TOURIST. IN ADDITION TO TOURIST SPOTS, THERE WILL ALSO HAVE DIFFERENT EVENTS AND FESTIVALS RELATED TO MUSIC, ARTS, CULTURE AND RELIGION.

IN TERMS OF CONNECTIVITY, ANGKASA CITY IS LOCATED WITHIN 30MINUTES TO KLIA AND WITHIN 1 HOUR TO KUALA LUMPUR.

