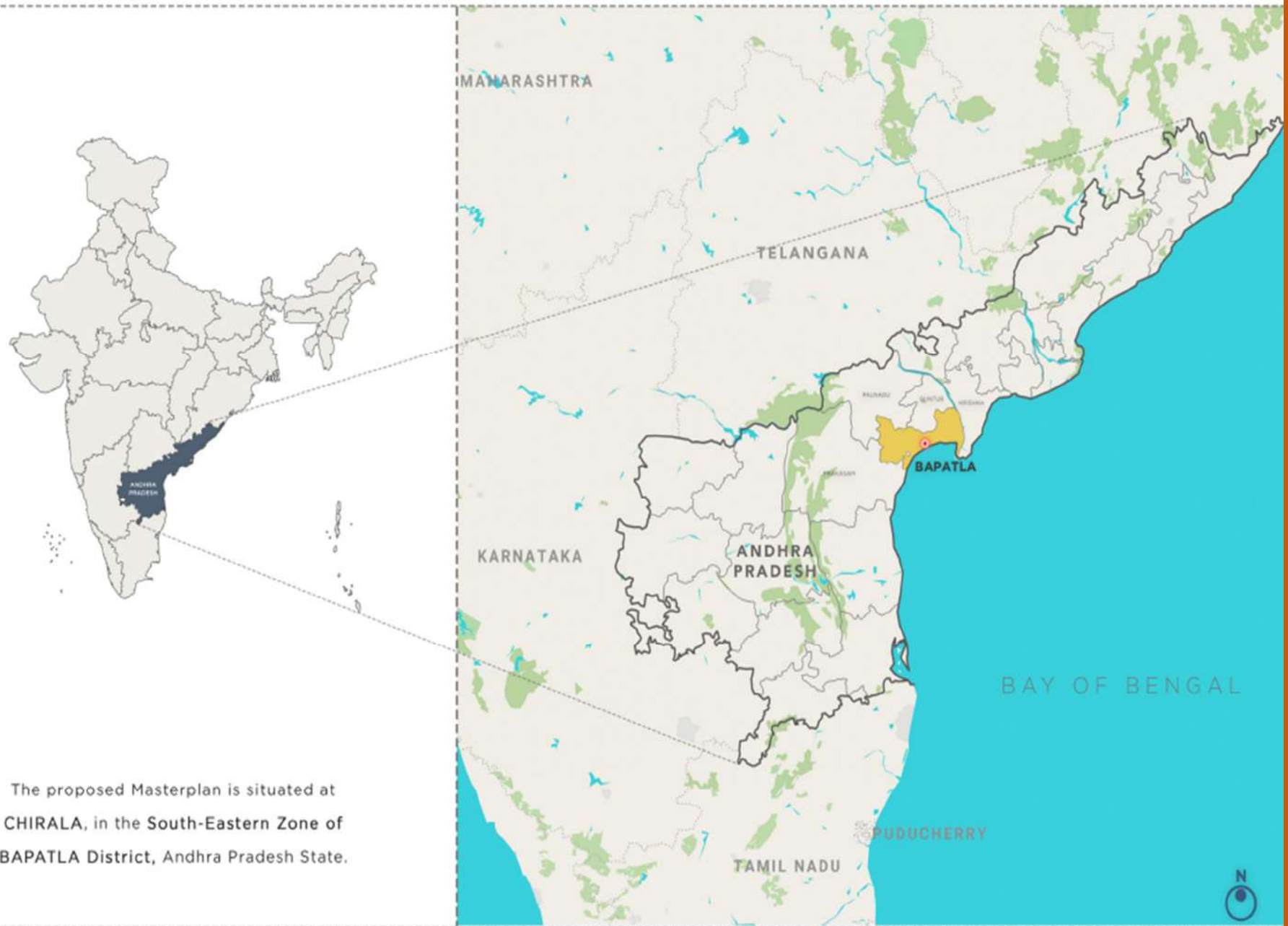




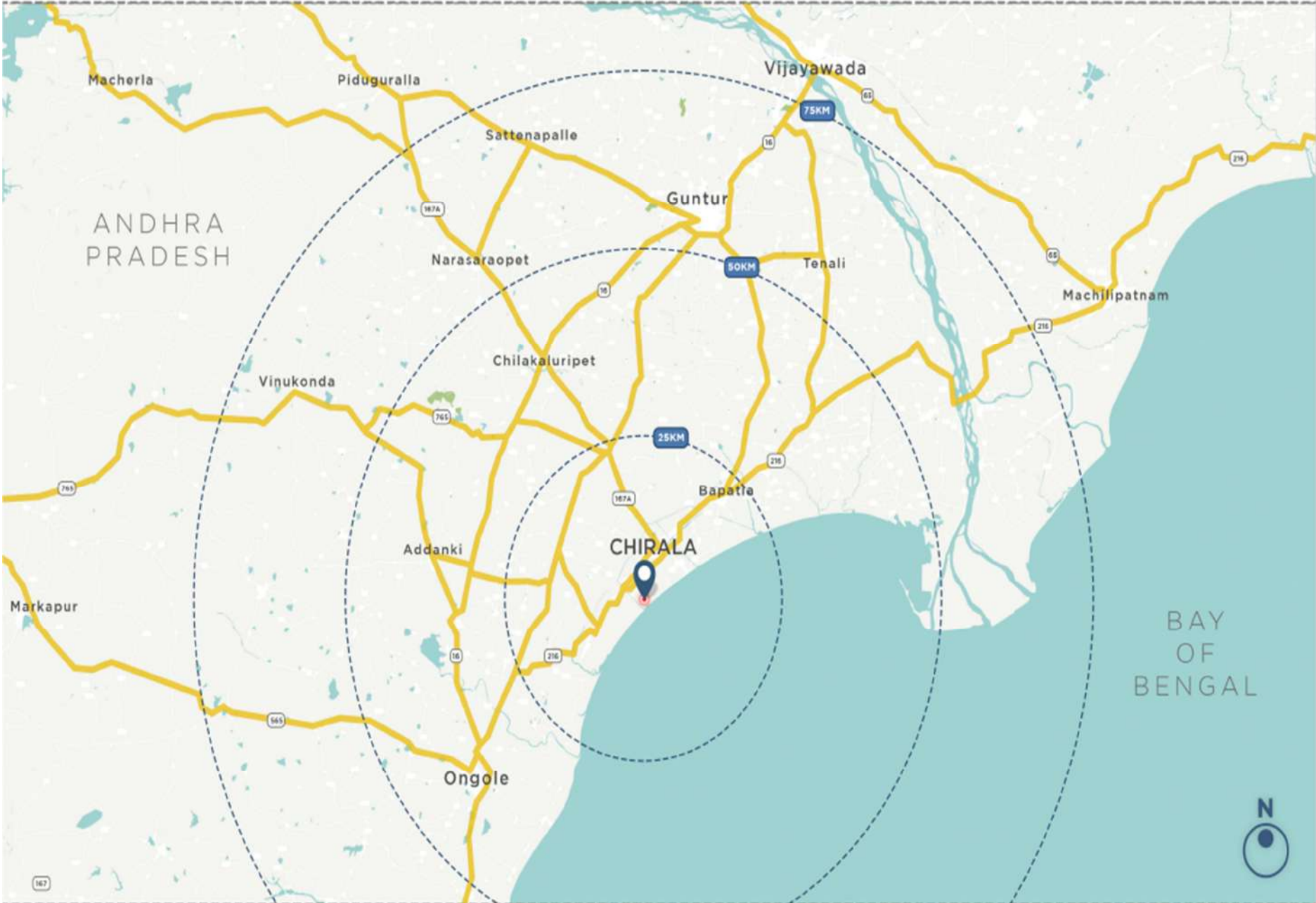
DE ESSENCE
AT CHIRALA

LOCATION

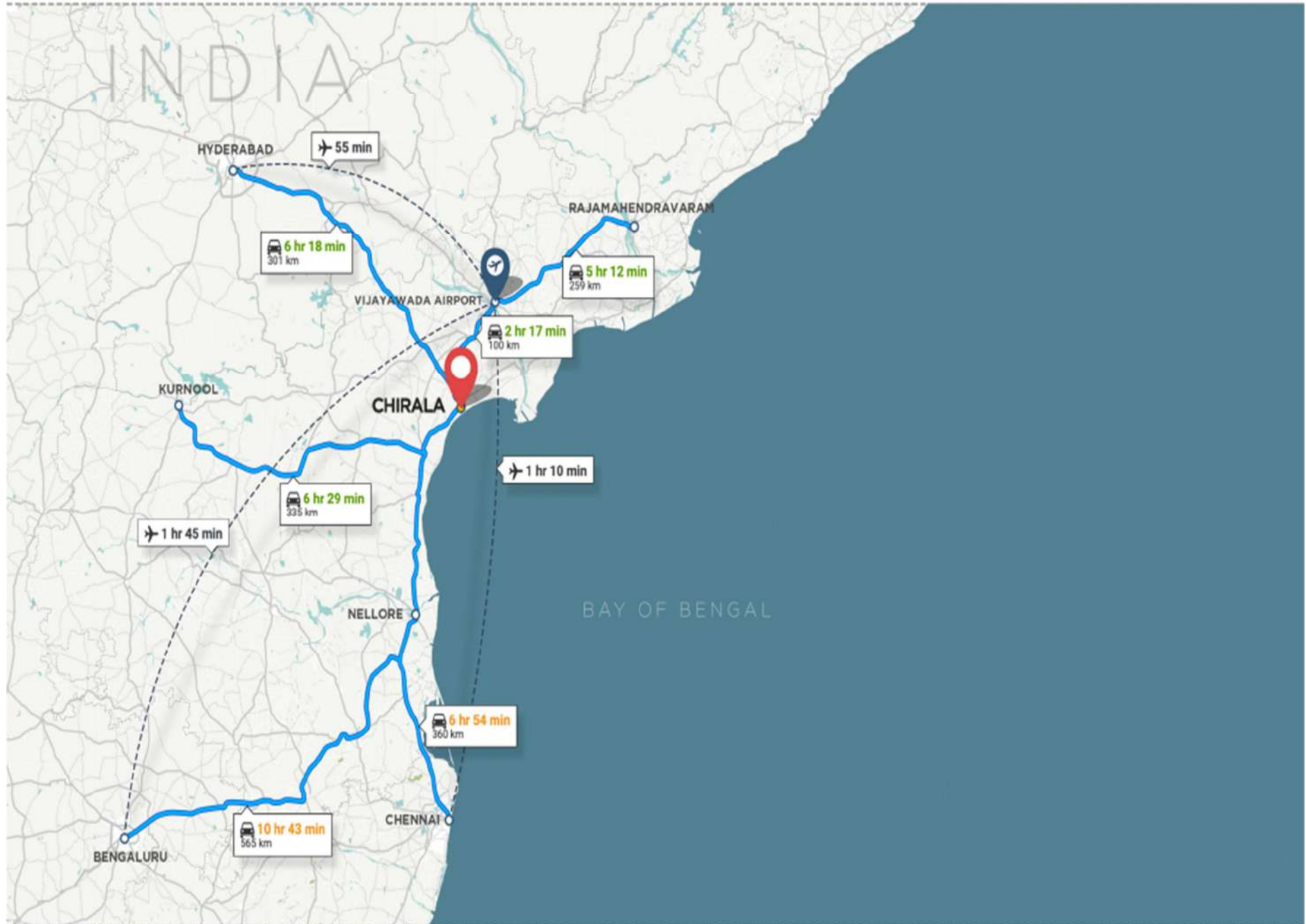


The proposed Masterplan is situated at CHIRALA, in the South-Eastern Zone of BAPATLA District, Andhra Pradesh State.

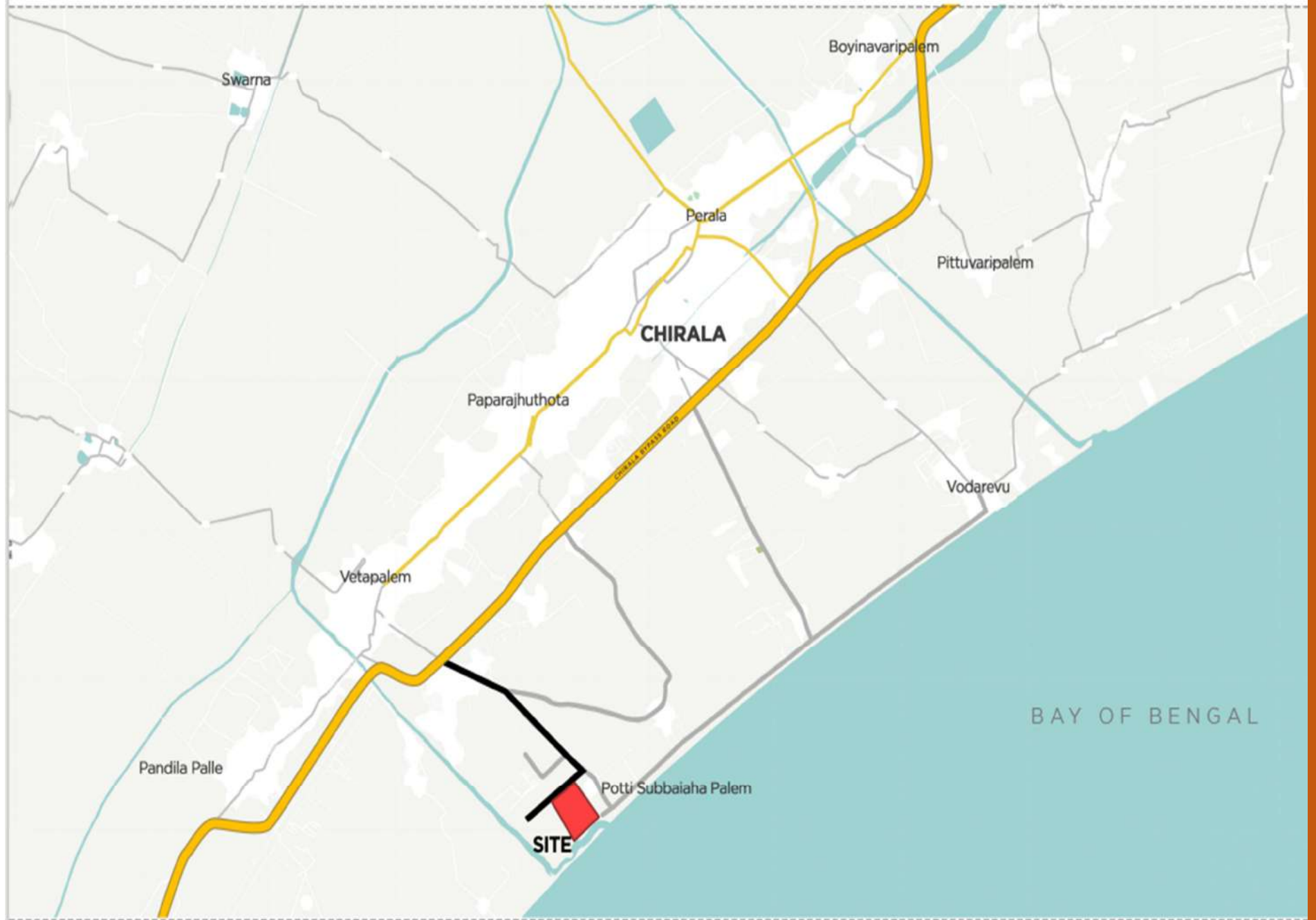
REGIONAL CONTEXT



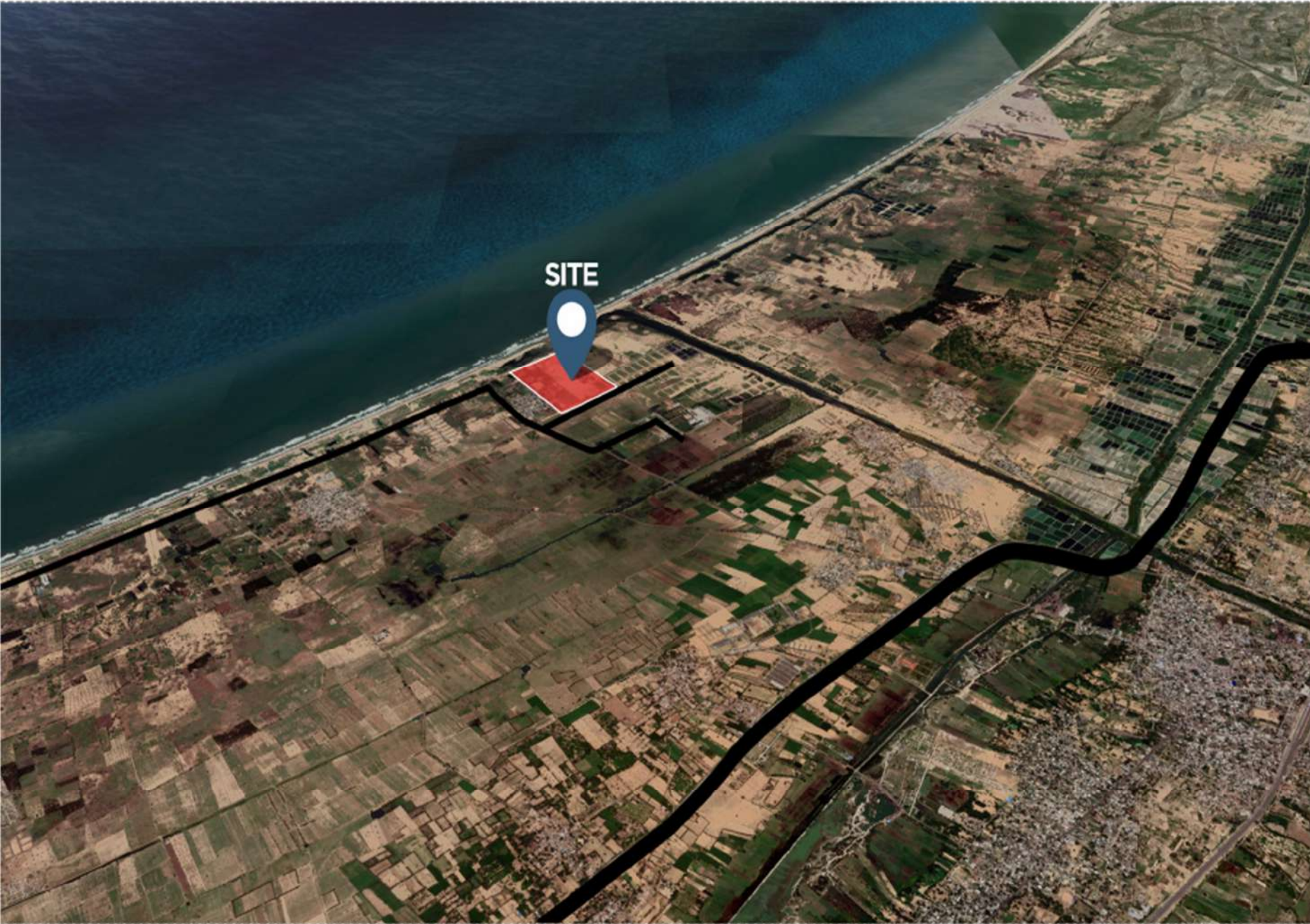
ACCESSIBILITY TO CHIRALA



SITE CONTEXT



SITE CONTEXT

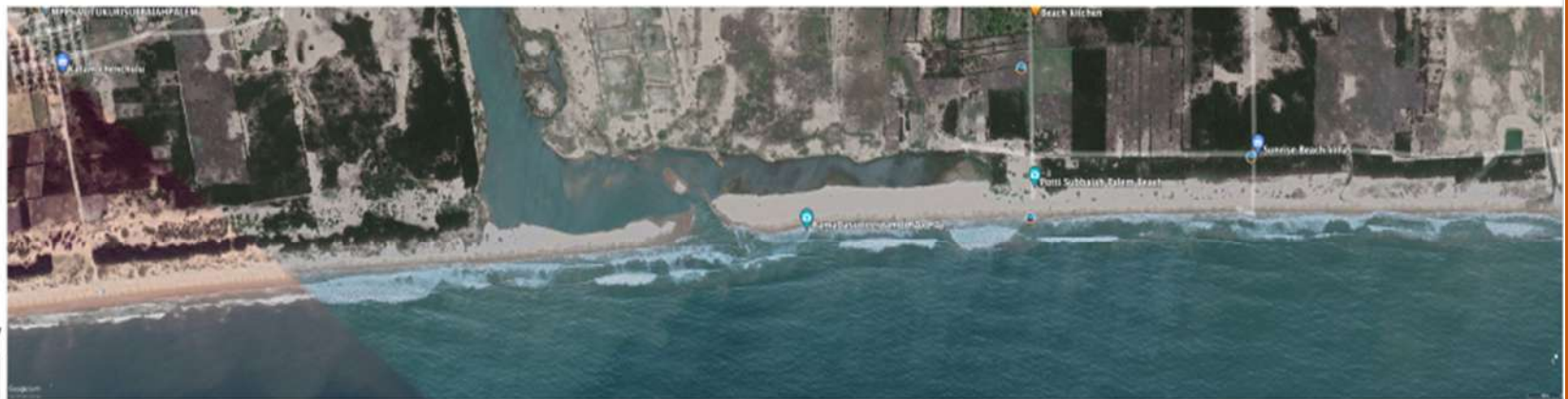


MORPHOLOGY

February
2007



May
2011



March
2017



MORPHOLOGY

June
2019



August
2020

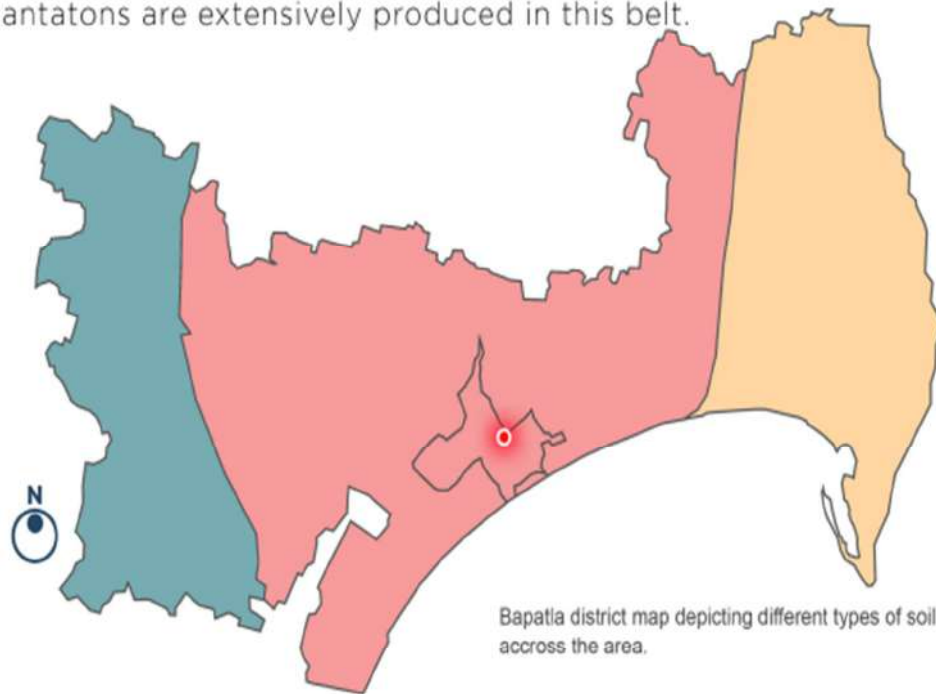


June
2021



GEOGRAPHY

The site falls in the **Coastal Alluvial soil region**. Coastal Alluvial Soil stretches as a narrow belt along the coast. The soil has sand and sandy loam composition. The soil is characterised by mangroves and swamps. Casuarina and Cashew nut plantations are extensively produced in this belt.



- ALFISOLS
- VERTISOLS
- ENTISOLS

Alfisols have a clay-enriched subsoil and relatively high native fertility.

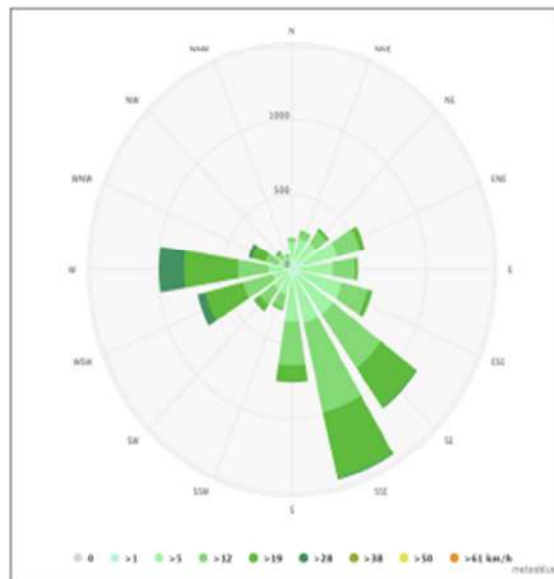
This type of soil mostly **supports afforestation** and helps **retain water**. It contains clay minerals, metal oxides and organic matter.



CLIMATE

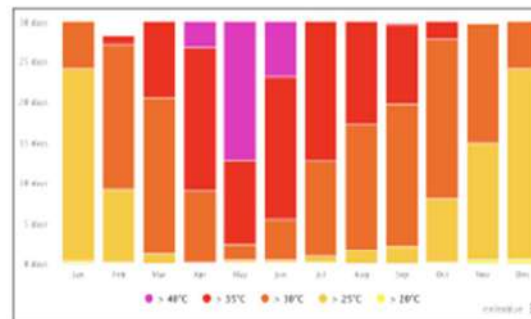
The climate of Chirala is tropical wet and dry. The days are hot and dry, usually going up to **extreme highs of 36 °C (104 °F)**, while the nights are cool and breezy. The overall minimum temperature of the city goes down to **21°C**. Winds usually bring along clouds of dust, and people prefer staying indoors in the daytime, while the breezes at night are pleasant and clean.

WIND ROSE

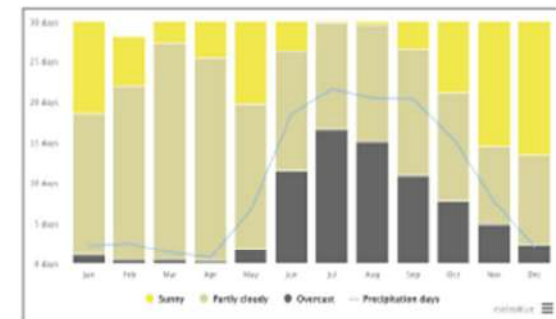


Winds predominantly originate from South-East during Winters and from West during the Summer.

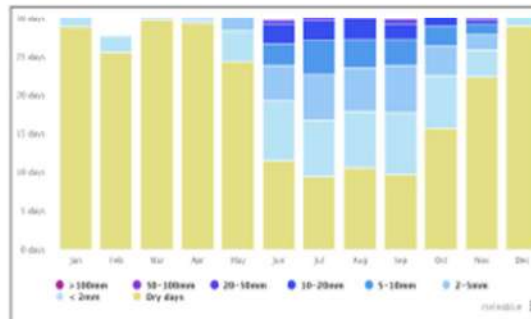
MAX. TEMPERATURE



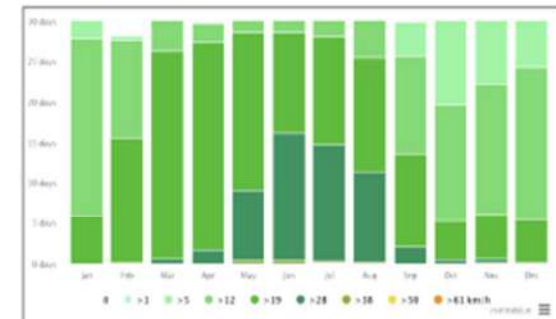
CLOUDY, SUNNY DAYS



PRECIPITATION



WIND SPEED



FLORA



FAUNA



DENSE FORESTS

Proposal of 300km-long Tsunami-Protecting Forest by Utilizing Debris from Disaster Areas

Transportation costs can be saved because debris is effectively utilized in disaster areas.
It is environmentally friendly because debris is not incinerated.

<Native Forest Built 30 Years Ago at Kimitsu Steel Works, Nippon Steel Corp.>



Multi-layered native forests of various tree species of evergreen broad leaved trees (potential natural vegetation) are formed after 15-20 years.

Tall trees: *Persea thunbergii*, *Castanopsis cuspidata*, *Quercus glauca*, *Prunus jamasakura* etc.
Shorter tall trees: *Camellia japonica*, *Ilex integra*, *Daphniphyllum macropodum*, *Neolitsea sericea* etc.
Short trees: *Eurya japonica*, *Fatsia japonica*, *Rhaphiolepis umbellate*, *Pittosporum tobira* etc.

roots
(deep taproots stretch deep in the earth and forests are strong against disasters)

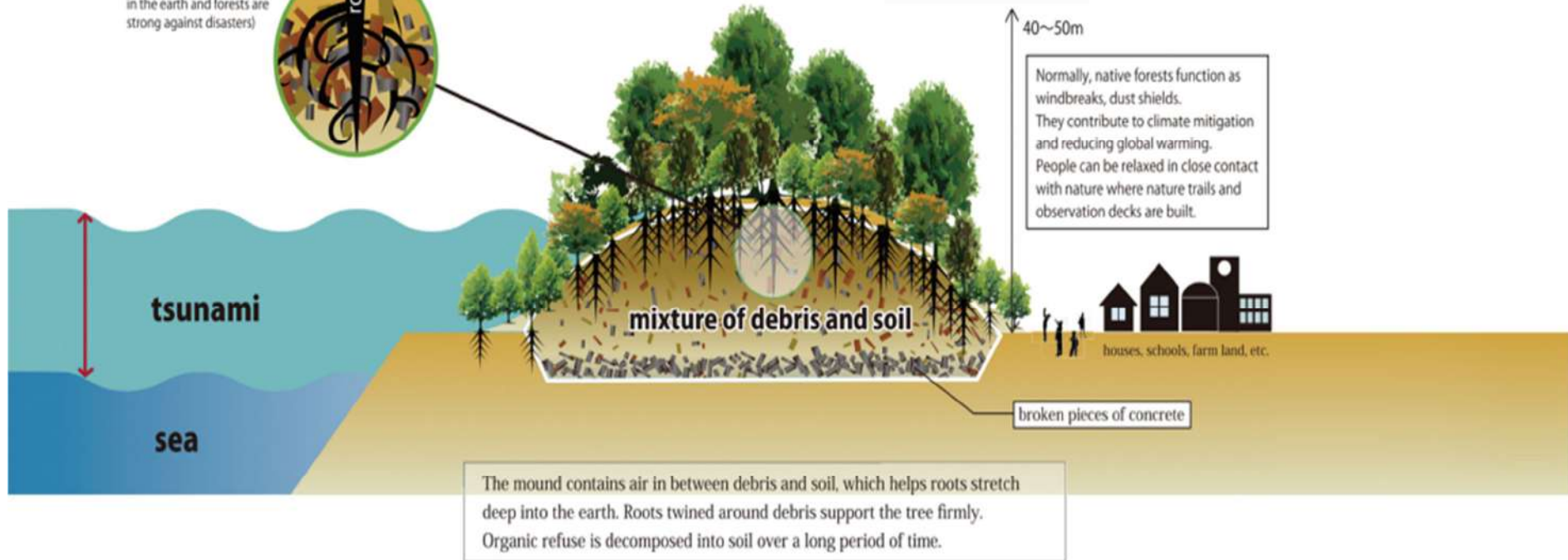


Fig. 2. Proposal of 300 km long tsunami-preventing forest levee (contributed by Rin-no-ji Temple, Sendai).

RESORT SITE



MASTER PLAN

1. ARRIVAL PLAZA
2. PARKING
3. ENTRANCE PAVILION
4. BUSSINESS LOUNGE
5. CELEBRATION ZONE
6. WATER BODY
7. SPA
8. MOODS OF THE SEA RESTAURANT
9. LAWN
10. DENSTINATION WEDDING ZONE

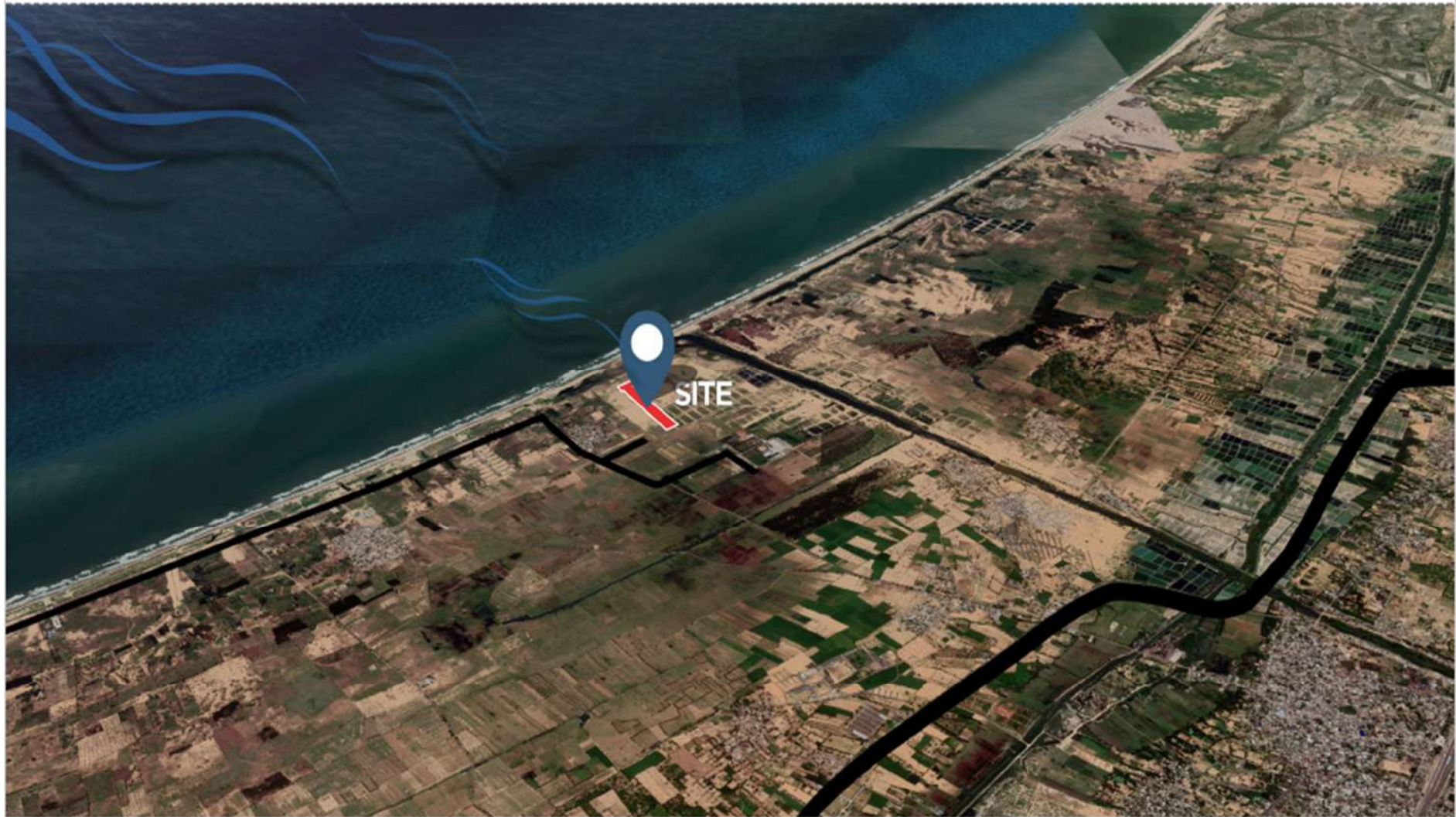
AREA STATEMENT

SITE AREA - 3,27,401 SYD. / 67.64 AC
PROPOSED PLOTTED AREA - 2,44,974 SYD. / 50.61 AC.
PROPOSED RESORT AREA - 62,096 SYD. / 12.83 AC.
PROPOSED ROAD AREA - 20,331 SYD. / 4.20 AC.



CONCEPTUAL STRATEGIES

SEA BREEZE



Sea breeze is **loaded with ozone and trace elements, nutrients** that we incorporate through the breath.

The air is hence **pure and adds to oxygenation.**

The **air reduces the symptoms of asthma**, promotes respiratory health, improves allergies and skin problems, and **stimulates the immune system.**

The **sea breeze is laden with negative ions** which have **mood enhancing properties and promotes good sleep.**

CONCEPTUAL STRATEGY
GATEWAY OF HEAVEN

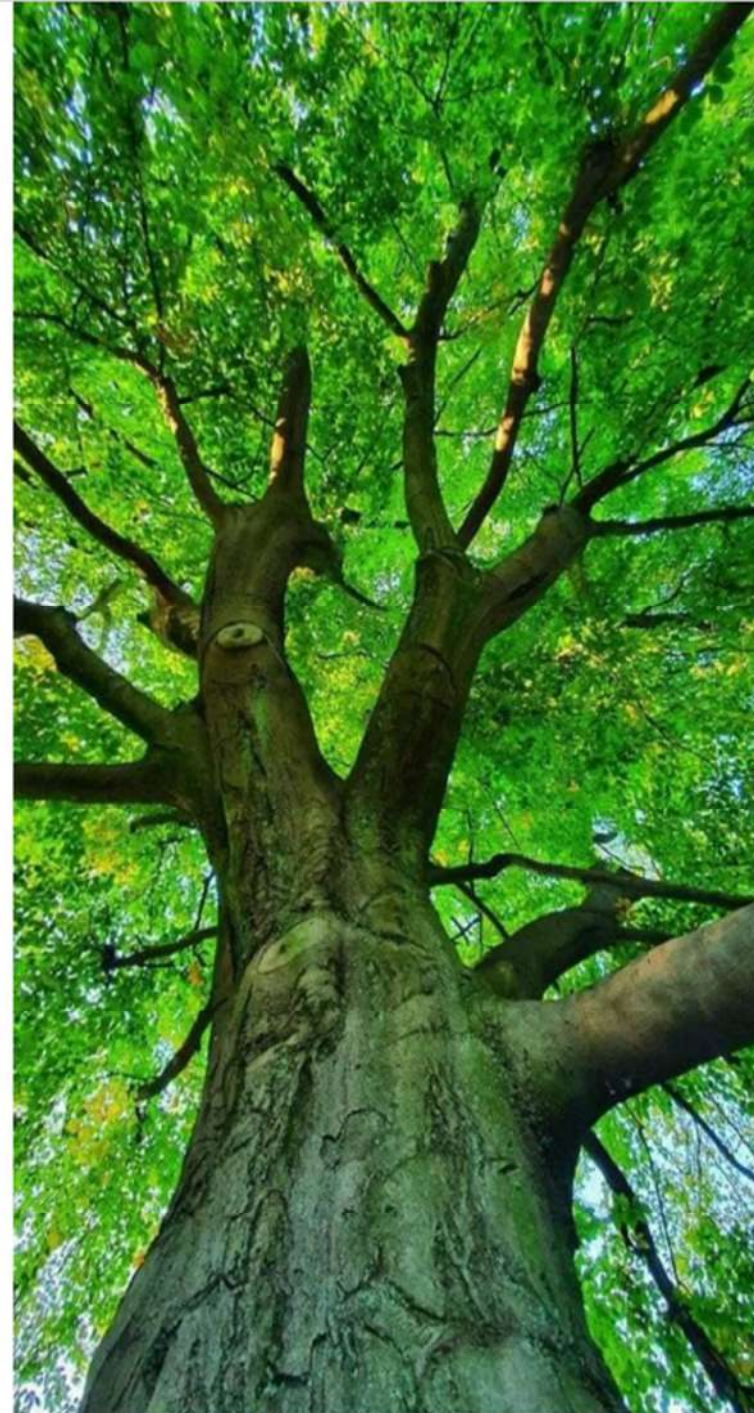
THE RESORT GATEWAY IS INSPIRED BY THE BALINESE STYLE GATEWAY OF HEAVEN. THE RESORT GATEWAY IS GOING TO BE THE THE MOST ICONIC AND MOST MEMORABLE GATEWAY THAT WILL LITERALLY TRANSLATE TO THE ENTRY INTO THE WIDE RANGE OF FACILITIES WHICH MAKES US FEEL LIKE HEAVEN.



GATEWAY OF HEAVEN AT PURA LEMPUYANG

CONCEPTUAL STRATEGY
THE MOTHER TREE - ENTRANCE PAVILION

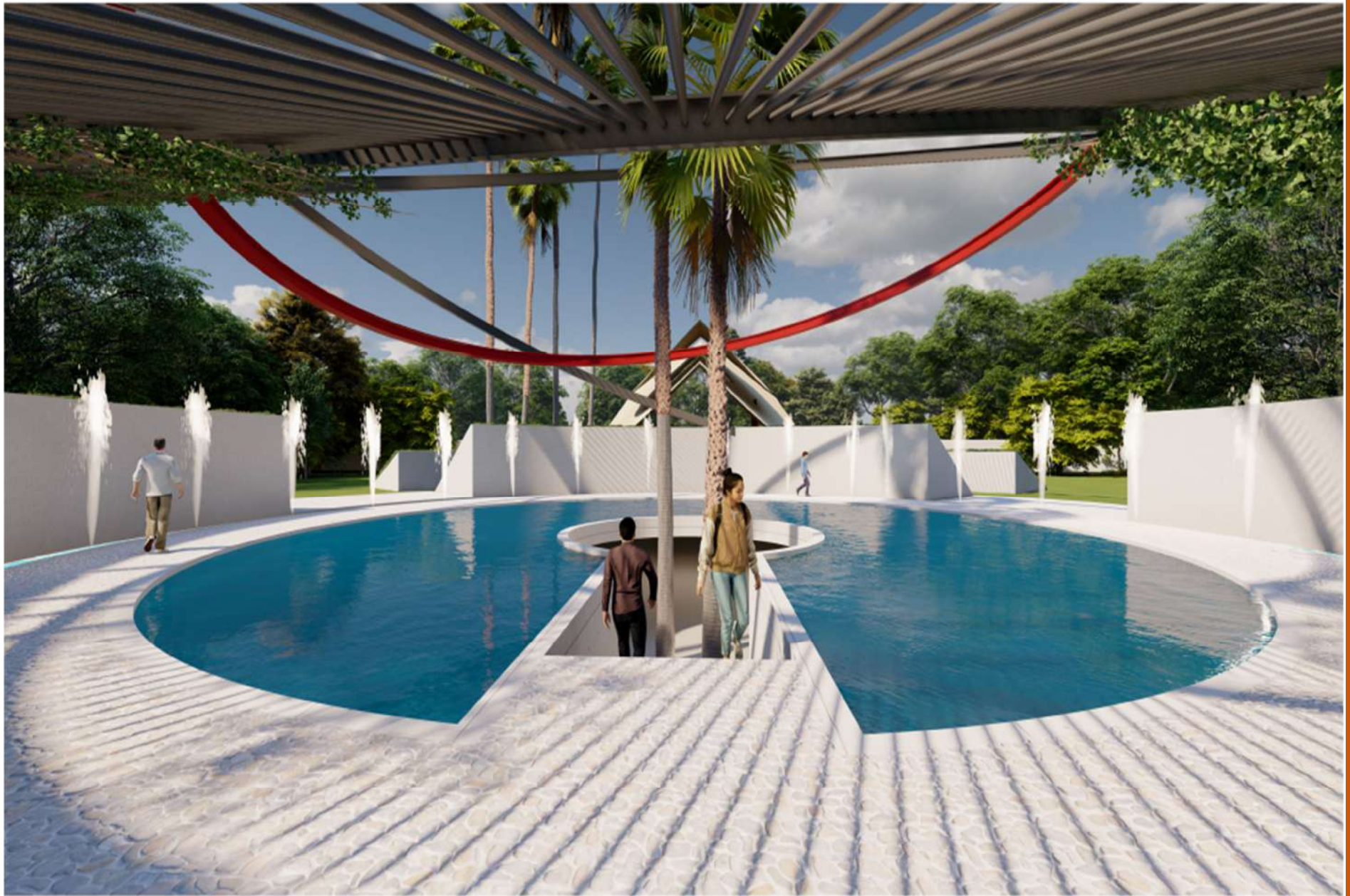
THE MOTHER TREE IS THE AGE OLD TREE THAT IS GENERALLY LOCATED CENTRALLY, WHICH PROVIDES NUTRIENTS TO ALL OTHER TREES AROUND IT. THE GRAND ENTRANCE IS SYMBOLIZED BY THE MOTHER TREE COURTYARD WHICH TRANSPORTS US TO DIFFERENT POCKETS AND SPACES OF THE RESORT.



ENTRANCE PAVILION



ENTRANCE PAVILION



ENTRANCE PAVILION



ENTRANCE PAVILION

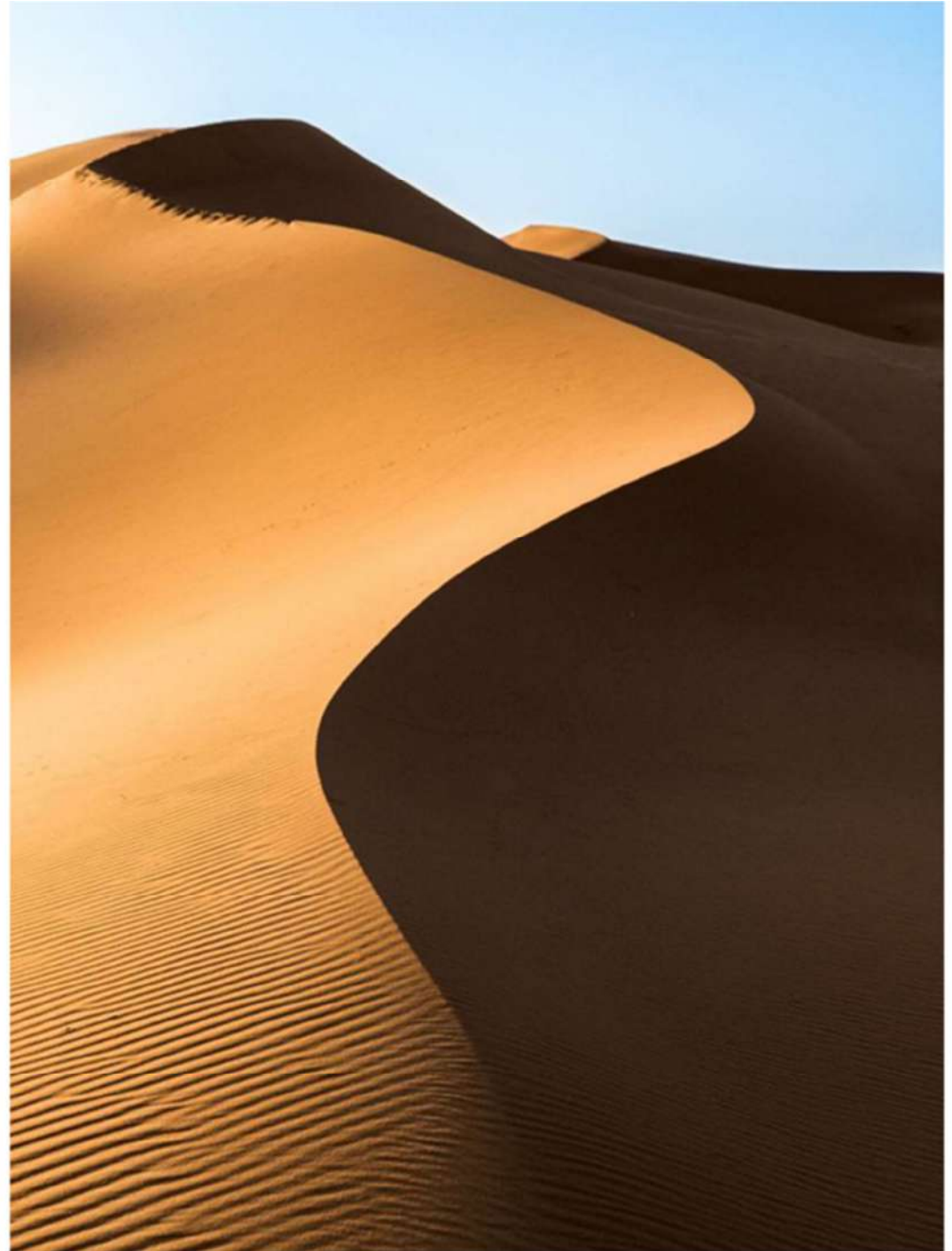


ENTRANCE PAVILION



CONCEPTUAL STRATEGY
ARRIVAL PLAZA

ARRIVAL PLAZA, IS INSPRED BY THE SAND DUNES BY THE BEACH. THE ARRIVAL PLAZA IS A WARM WELCOMING PLACE, WHICH REPLICATES WITH THE SITE CONTEXT. IT REMINDS US OF THE WARMTH OF THE EARTH AND CURVES OF THE NATURE.



ARRIVAL PLAZA



ARRIVAL PLAZA



ARRIVAL PLAZA



ARRIVAL PLAZA



ARRIVAL PLAZA



ARRIVAL PLAZA



ARRIVAL PLAZA



CONCEPTUAL STRATEGY

THE WAVE

CELEBRATION ZONE

AS THE WAVE IS ALL PLAYFUL AND DYNAMIC THE
CELEBRATION ZONE AND ITS ROOF IS DESIGNED BY
TAKING THE WAVE AS THE INSPIRATION.



CELEBRATION PLAZA



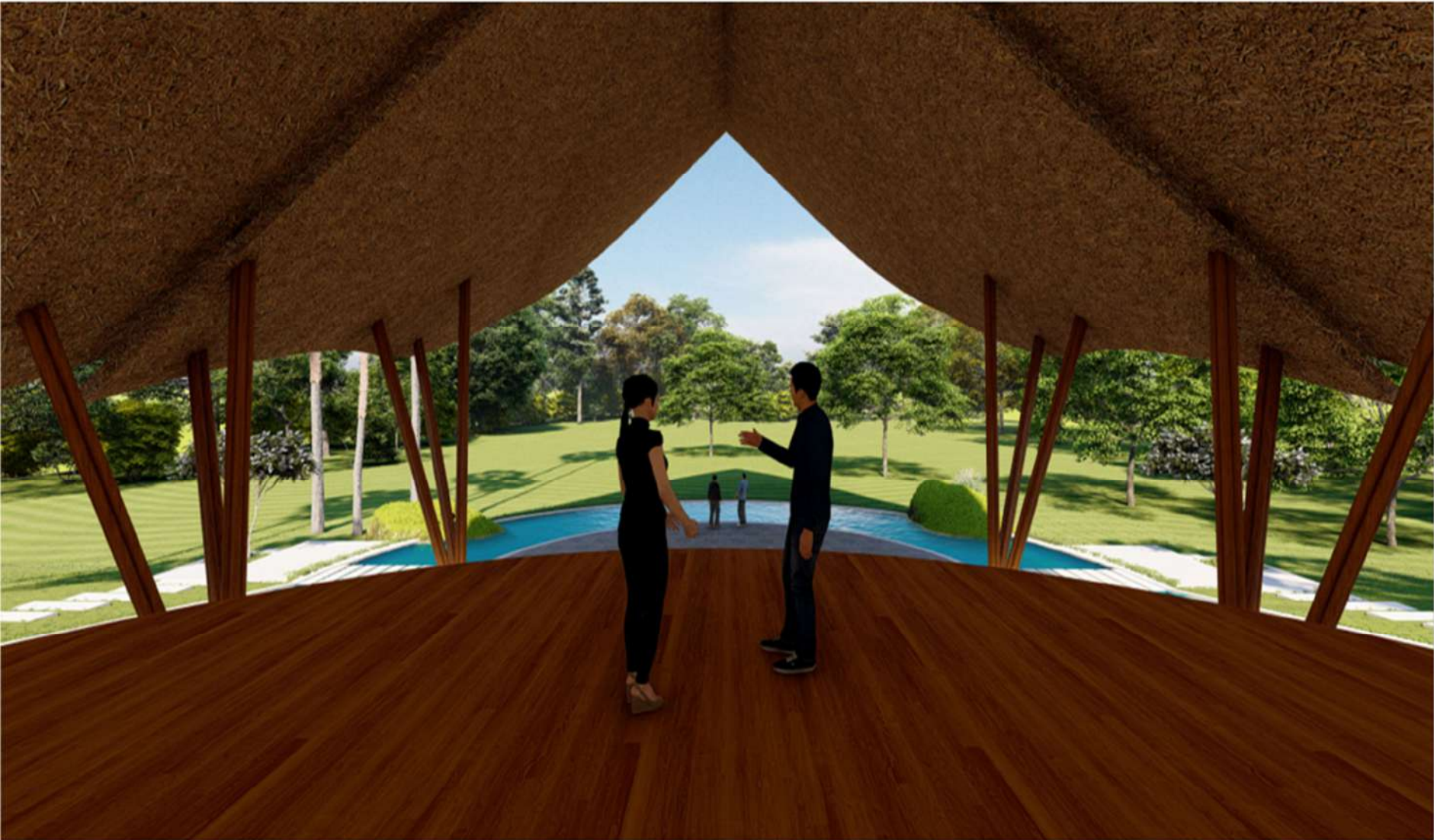
CELEBRATION PLAZA



CELEBRATION PLAZA



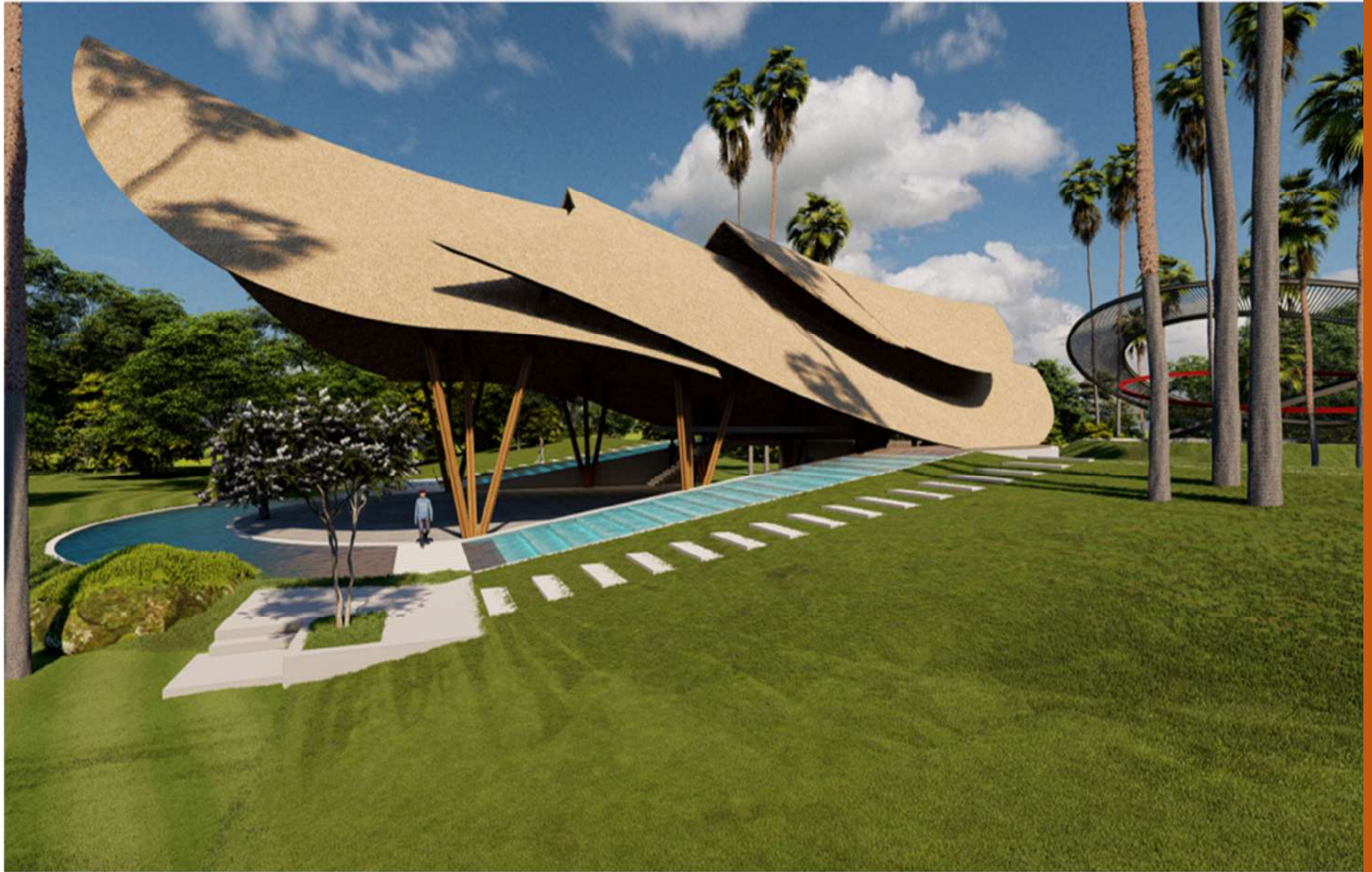
CELEBRATION PLAZA



CELEBRATION PLAZA



CELEBRATION PLAZA



CONCEPTUAL STRATEGY

THE DANCE EXPRESSION -
MOODS OF THE SEA RESTAURANT

*THE DANCE WITH THE RIBBON DANCE FORM -
EXPRESSES THE INNER MOODS OF THE SOUL - THE
RIBBON STAIRS AND THE ICONIC SKY TOP RESTAURANT
RESEMBELS THE DANCE EXPRESSION AND ONE CAN
ENJOY THE DIFFRENT MOODS OF THE SEA BY NIGHT
AND DAY WHILE HAVING THEIR FAVOURITE MEAL.*



MOODS OF SEA RESTAURANT



MOODS OF SEA RESTAURANT



MOODS OF SEA RESTAURANT



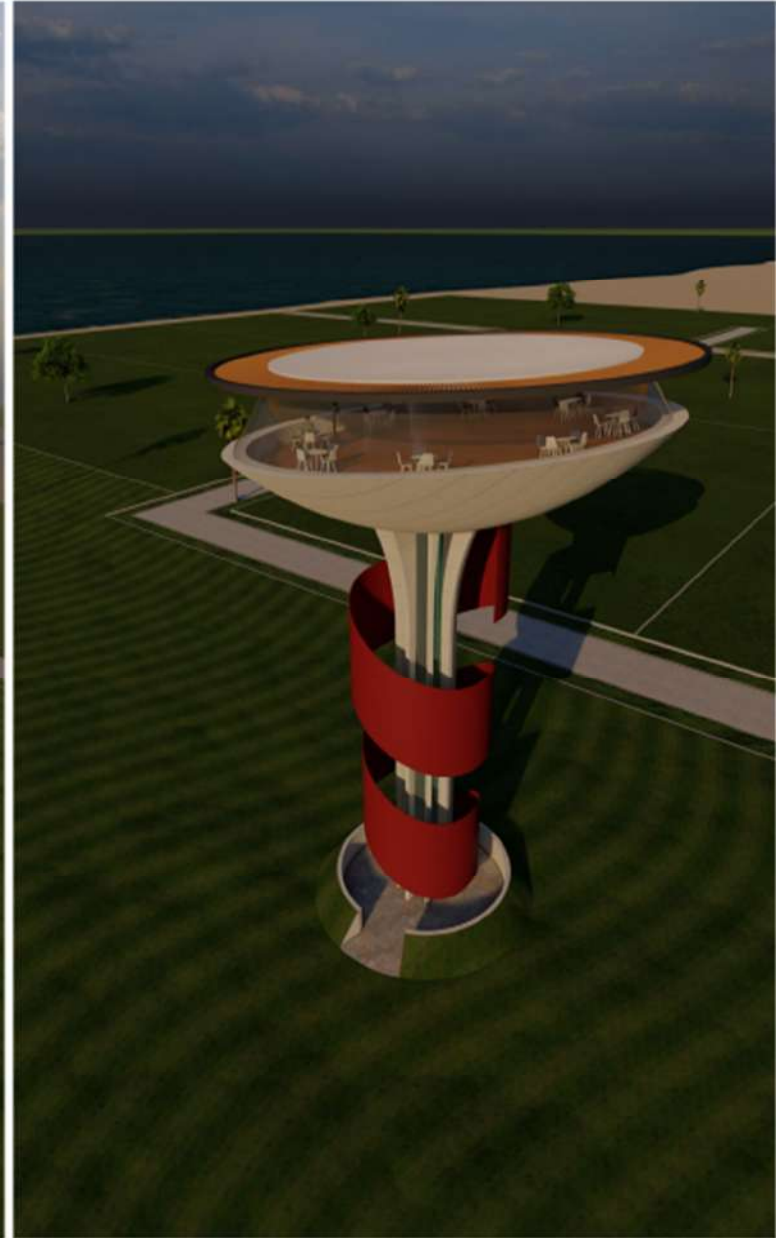
MOODS OF SEA RESTAURANT



MOODS OF SEA RESTAURANT



MOODS OF SEA RESTAURANT



OUTDOOR ACTIVITIES



ZORBING BALL



BEACH VOLLYBALL

TRAMPOLINE



DESTINATION WEDDINGS BY THE BEACH



DESTINATION WEDDINGS BY THE BEACH



SPA



BOAT CLUB ACTIVITIES



FISHING



BOATING

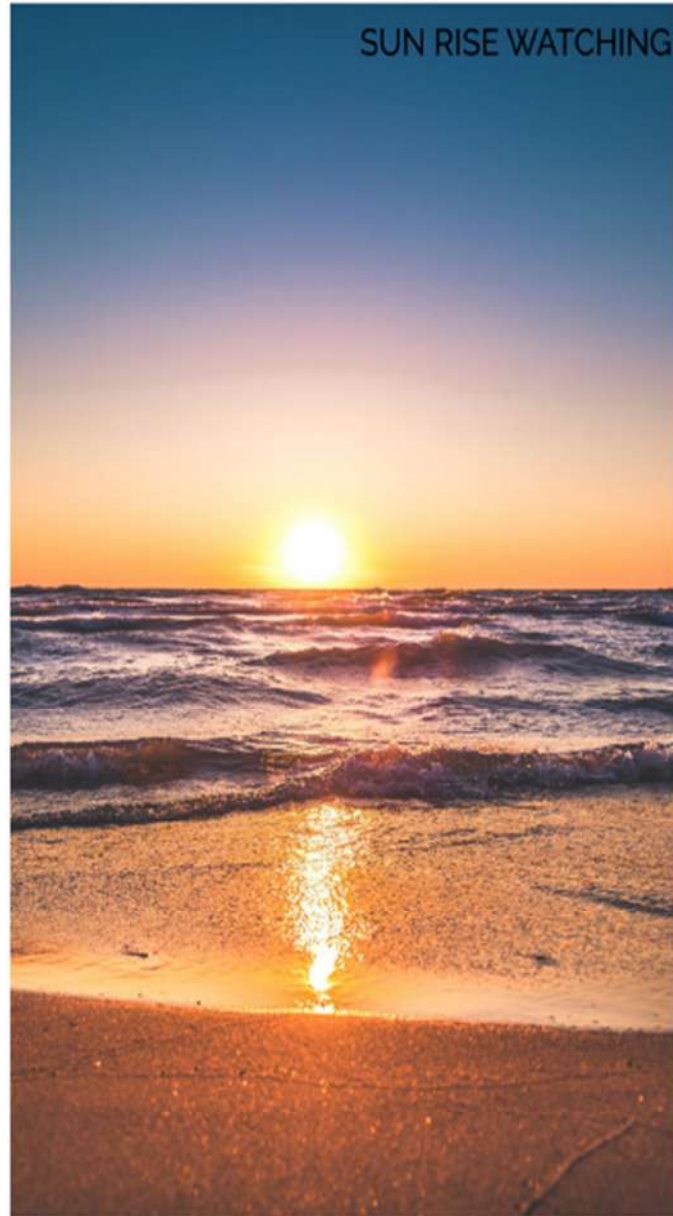
BOAT CLUB ACTIVITIES



BOAT CLUB ACTIVITIES



BON FIRE



SUN RISE WATCHING



KITE FLYING



BEACH COMBING



BOAT RIDING