



# SUSTAINABLE ARCHITECTURE

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## SUSTAINABLE ARCHITECTURE :



MINIMIZE THE NEGATIVE IMPACT OF BUILDINGS .

EFFICIENCY

MODERNIZATION OF MATERIALS

## SUSTAINABILITY :

ECOLOGICAL DESIGN BASED ENVIRONMENT

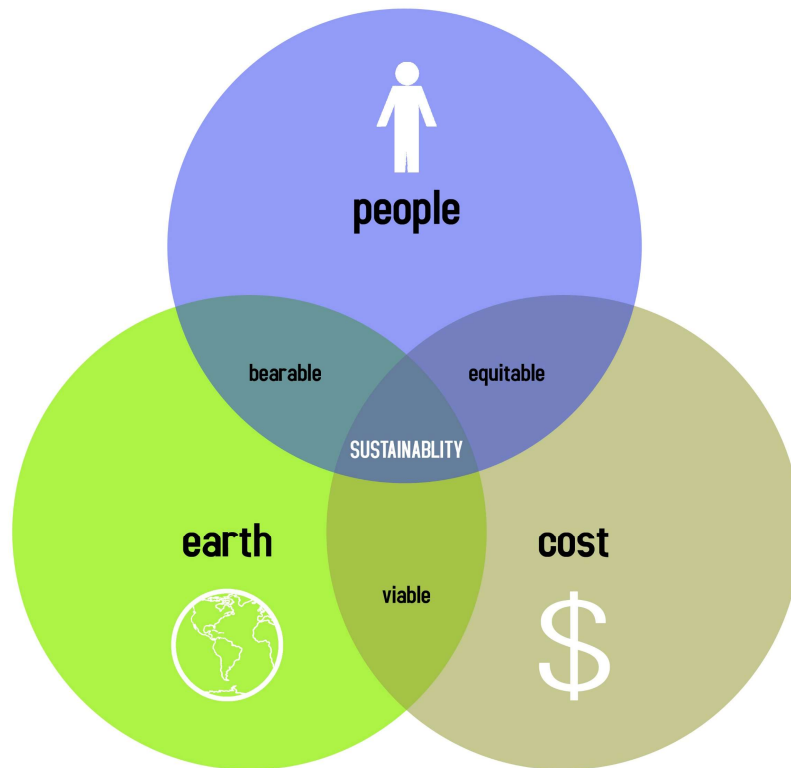
NEEDS FOR PRESENT WITHOUT COMPROMISING FUTURE.

## WHAT IS SUSTAINABILITY?

- The relations or designating forms of human economic activity
- Environmental degradation
- Utilization of natural resources in surrounding
- Conservation
- Future generations
- Avoid long term depletion



## NEEDS FOR SUSTAINABLE ARCHITECTURE

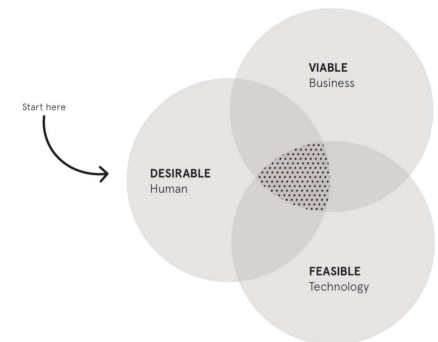
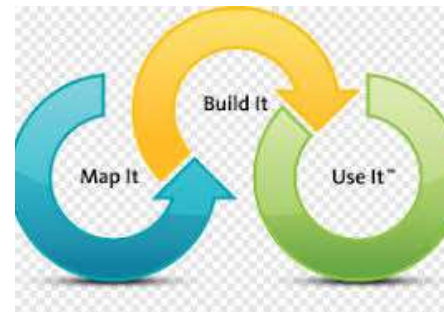
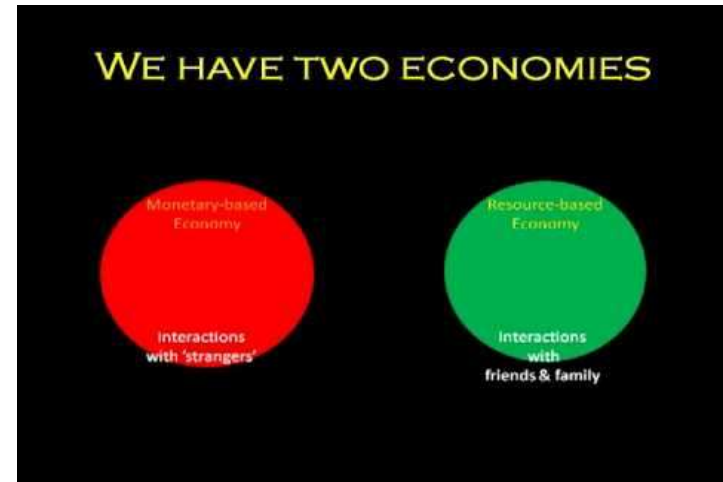


- IT STRIVES TO BUILD OR RENOVATE THE SURROUNDINGS , BUILDINGS
- INNOVATIVE DESIGN IDEAS
- COMPLEMENTING THE USERS
- RENEWABLE MATERIALS / COST EFFICIENT
- RURAL TO URBAN
- MIGRATION IMPLEMENT IDEAS

## METHODS FOR ACHIEVING DEVELOPMENT IN ZIEGZDRIAI

- ECONOMY OF RESOURCES LIKE
- PLANNING OF PUBLIC SQUARES
- WATER ELEMENTS
- SCULPTURES
- SIGNBOARDS
- IMPROVISING LOCAL CONDITIONS TO HABITANTS
- GARDEN OR PARKS
- KIDS/ADULTS PLAY AREA
- SPORTS CLUB

- LOCAL SHOPS AROUND THE CORNER
- USAGE OF SMALL PONDS
- SIGHTSEING AREA DEVELOPMENT



Human Centered Design as explained by IDEO

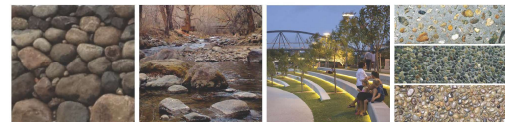
## Žiegždriai

EXPLANATION: The idea of the project is to make the place more colorful and looking beautiful for the better convenience for the people living the commodity. Few suggestions like the adding some architectural elements, natural objects which the area itself discovers more greener, water elements, Street accessory objects, shops, gardening along roadside may add beautiful look and create interest for the passers by.



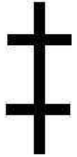
Creek Walk / Terrace

Some examples from my interest to the place:

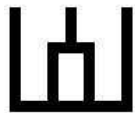




Cross of Jogaila  
(Cross of Vytis)



Pillars/columns  
of Gediminas





Are some of the features the area is missing and needs to be developed by adding this.



The common type of materials which can be used , they are mostly woods and other materials which can be even reconstructed from the place of use STREETLIGHT ,SIGNS, AND BUSTOPS , ROADS

I Think there is a lack of public space around ziegzdriai and its places near by so i promote people to use more public spaces , these spaces can be also allowed to have some shops for the kids and coffee shops or small retail shops for need of people and the income can also be used for the maintenance of parks .its useful for all kinds of age people since , they already have an strong community together .

# EXISTING PART OF THE SITE - ZIEGZDRIAI





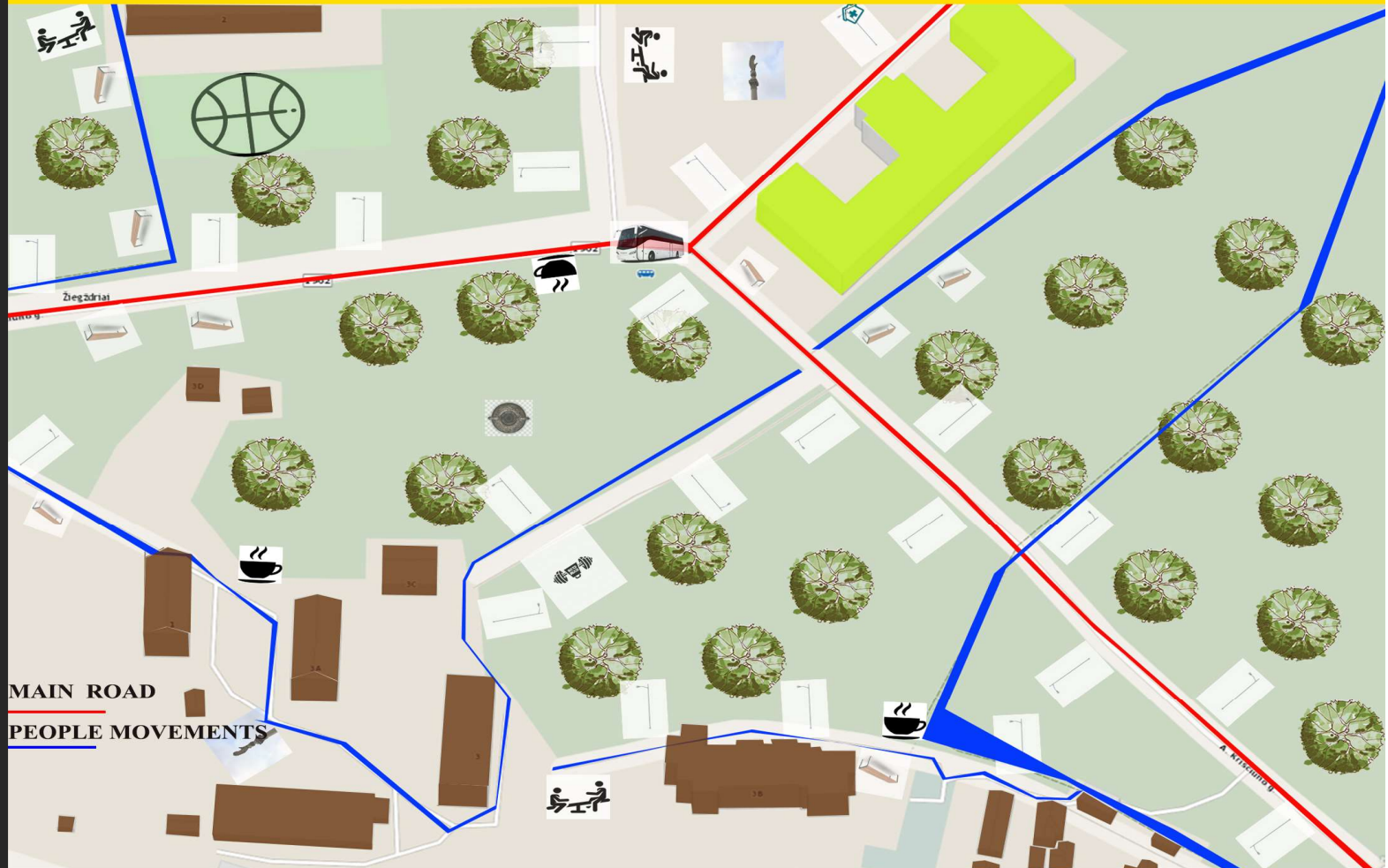
- SOME CAFFE SHOPS
- OR SMALL BAR WITH THE OUTSIDE GARDENS AREA PRESENT FOR THE ELDERS

- THE AREA THAT CAN BE DEVELOPED IN THE FOREST AND THE HOUSES



# Development Idea of Drawings -Ziegzdriai

-  CLINIC
-  GYM
-  BUS STOP
-  SEESAW
-  TRASHCAN
-  ROAD DECO
-  CAFE/BAR
-  BENCHES
-  PLAY AREA
-  SCULPTURE
-  GREEN AREA
-  STREET LIGHTS
-  SCHOOL BUILDINGS



THANK YOU