



*Young devotees at Sri Panakala Narasimha Swamy Temple, Mangalagiri.*

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## INTRODUCTION

## 1.1 BACKGROUND AND PURPOSE

Perspective Plan is prepared by collecting relevant Data, site visit, interaction with concern department officials etc. After analyzing the data, vision for the Perspective Plan is developed. The analysis and vision forms the basis of this report.

## 1.2 METHODOLOGY

### 1.2.1 DATA COLLECTION

Necessary data was collected from various sources in several formats including GIS, Autocad, Excel sheets and hard copy reports.

### 1.2 .2 SITE VISIT

Experts from Singapore government and Andhra Pradesh Government visited the area to get first hand feel of the site and surroundings. The team also interacted with local people to understand their concerns and issues to be considered during the formation of the master plan. All this information was utilized in the site analysis and formation of the plans as explained below.

### 1.2.3 MEETINGS WITH OFFICIALS

Several meetings took place between experts from Singapore and Andhra Pradesh government including concerned politicians.

### 1.2.4 DATA ANALYSIS

Parallel to this, planners from Singapore government analyzed the relevant data which lead to the understanding of physical site features such as hills, rivers, canals, forests, drains, etc., along with an understanding of the socio- demographic and economic profile of the Capital Region.

### 1.2.5 URBAN SUSTAINABILITY FRAMEWORK (USF)

Establishing the USF is the most critical step preceding the Vision as this guides the Goals and Strategies. It lays out the Key Performance Indicators to address the social, economic and environmental issues specific to the focus area.

### 1.2.6 VISION FORMULATION

Using the understanding of all of the above, combined with the feedback from the Andhra Pradesh officials during the APLUGP, the planners calibrated the appropriate Vision and strategies for development for both the Capital Region and the Capital City.

### 1.2.7 REGIONAL STRUCTURE PLAN

After having understood the potential opportunities and constraints within the Capital Region, Planners developed a Regional Structure Plan for the Capital Region. This plan layout a strategy for future growth within the Capital Region that will compliment the Capital City development in the short and long term.

## 1.3 ORGANIZATION OF THE REPORT

In addition to this introductory chapter, the report consists of the following chapters:

### **Chapter 2: Regional Context Analysis**

This chapter broadly reviews the existing context of the Capital Region at a National and State Level. It determines Capital Region's role with respect to its central location in Andhra Pradesh and integration with upcoming National Projects. It analyzes the existing assets and issues as well as the physical constraints and opportunities within Capital Region. The key sectors undertaken for this analysis are population and density, land cover, tourism, heritage and environment. This section also presents an overview of past planning initiatives and an analysis of existing land use.

### **Chapter 3: Existing Transport and Infrastructure Analysis.**

This chapter consists of two parts. Broad Transport analysis for the Capital Region includes road, rail, water and air network. Broad Infrastructure analysis will cover water supply, waste and storm water management system, power supply, and waste disposal.

### **Chapter 4: Dimensions of Growth**

This chapter summarizes the key findings of the existing regional socio-economic analysis. The Capital City and Region are benchmarked with other Indian Capital Cities to analyse growth trajectory, key growth drivers and the consequent impact on population and expansion of the metropolitan region/urban agglomeration. Based on the above Economic Development Strategy for Capital region, broad demographic Projections are developed.

### **Chapter. 5: Development Vision**

This chapter presents the sustainability framework proposed for the Capital Region based on its economic, social and environmental issues. Sustainability targets and KPI's are then set to enable its sustainability in the long run.

### **Chapter 6: Development Strategy and Concept Plan for the Capital Region**

This chapter presents the specific strategies to achieve the proposed goals explained in the preceding chapter. The strategies are further translated into a Structure Plan demonstrating the development of growth areas and focus sectors.

