**FOUNDATION DATASET FOR NGIS:**

The overall broad objectives of Project are -

A. Generation of GIS enabled 1:50K foundation data for the entire country – for NGIS

B. Creation of data framework for 1:10K Mapping.

***Objective:***

**To provide GIS based platform for macro and micro level planning and to create a Decision Support System based on this.**

The Project has three major components. The specific objective to be achieved by each component is detailed below:

**(a) Objective for Data Re-Engineering component**

1. To meet the immediate data/metadata requirements of NGIS version 1.0, which would operationalize a National GIS Asset from existing 1:50K foundation datasets owned by Survey of India.

2. Enable integration/assimilation of data owned by multiple-agencies to the re-engineered data

**(b) Objectives for establishing Data Centres (DCs):**

Bring in efficiency in Geospatial Data Production, Management and Dissemination in Survey of India by -

1. Establishing state-of-the–art Enterprise Data Production System (EDPS) in a centrally managed, multi-user editing environment

2. Developing Geospatial Data Management capabilities in Survey of India.

3. Establishment of publishing/ dissemination system of Survey of India – oriented towards OGC compliant web-services delivery.

**(c) Objectives for Continuously Operated Reference Station (CORS)**

1. Provide Wide Area Differential GPS for highly accurate, available, near real-time positioning.

2. Meet the data gaps and improve data acquisition techniques

3. Build nation-wide capacity and preparedness for collection of huge data required for NGIS.

***Achievement:***

Various activities under the three different components are under process