

# Mega Events or Mega Projects as a Catalyst for Urban change



Commonwealth Games, 2010, Delhi:  
Influenced Changes and Impacts on  
Transportation

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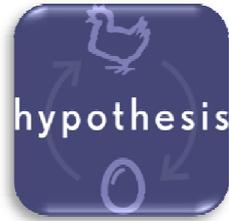
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# Hypothesis



*How and in what ways mega events influences the changes and enhances the transportation domain of the hosting city and finally does it provide post-period positive impacts on hosting city of developing nations?*

Aim and Objective

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Mega events have become a **outstanding tool** in urban regeneration and hence there has been uncompromisingly competition to host such international sporting events. Such a event to be successful it is very important to have positive post effective impacts . There is a **thick difference between the mega events hosting countries as developed country and developing country**, cause it involves huge amount of money in transforming the city's infrastructure. The research will **try to understand how does mega event influences the transformation of city by hosting mega events in the context of transportation domain.**

Hypothesis

## Aim and Objective

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AIM



The aim of the research is to understand the concept of mega event catalyst for transport and its importance in urban regeneration. To analyze positive and negative impacts of mega events and to study how does the commonwealth games influenced the changes in transportation context of Delhi .

OBJECTIVES



**To Study** the transformation of the city for the Commonwealth games.

**To Analyze** the up gradation and modernisation of the city's transport facilities.

**To Analyze** the post period impacts in the city.

Hypothesis

Aim and Objective

## Methodology

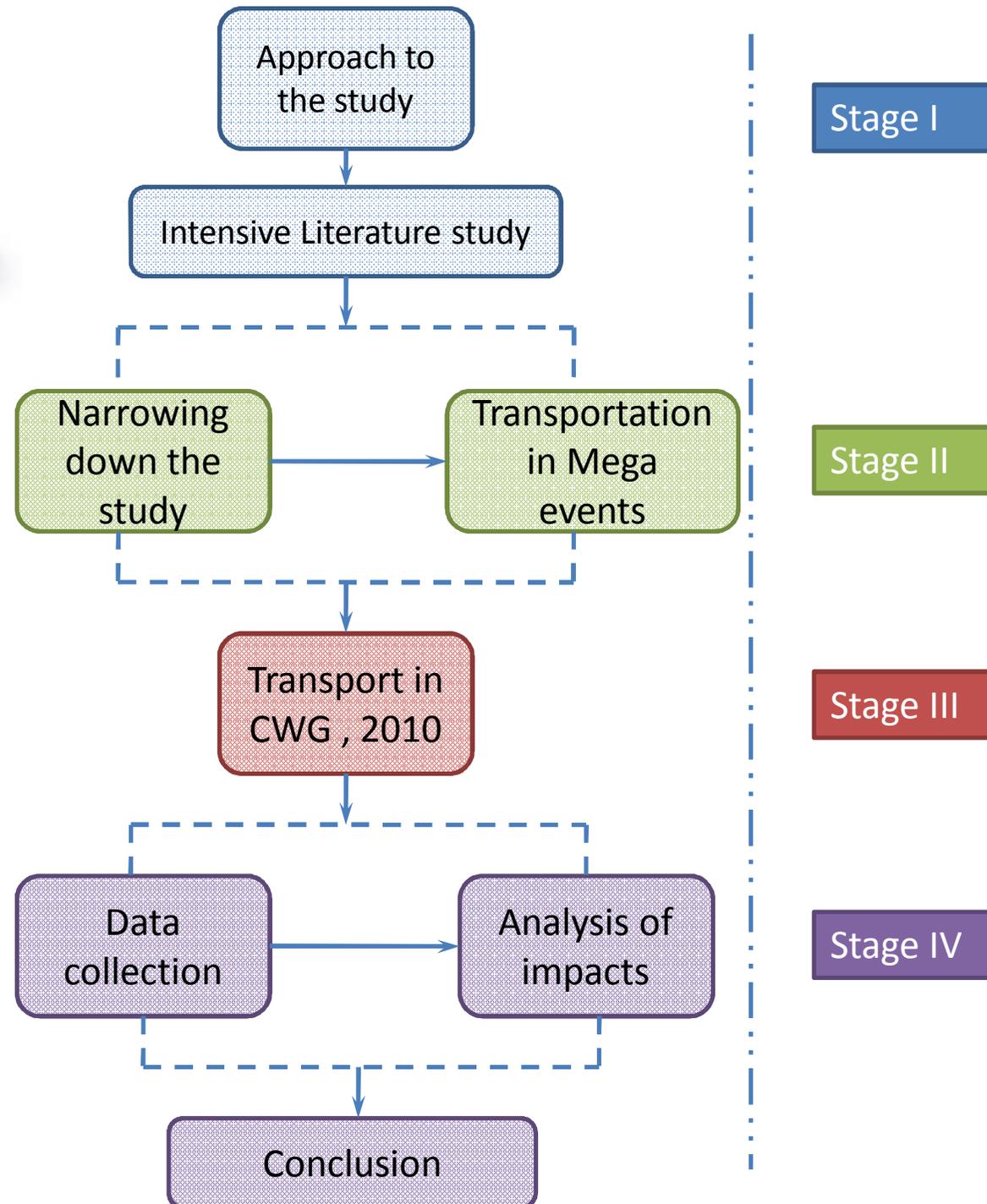
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Stage I

Stage II

Stage III

Stage IV

Hypothesis

Aim and Objective

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## Transportation and Mega Event

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- Most of the cities which host international mega sporting event take advantage of such events in order to speed up, recover, upgrade and rehabilitation of their existing transport systems and hence to build a metropolitan legacy.
- It is the hardest work to get done due to various stakeholders, agencies, planning departments work together. If there is any mismanagement that could lead to a huge loss of facilities and amount involved in the providing these transport facilities.
- Transport process and organization are particularly important for mega events as they involve much planning and long term benefits if designed appropriately with long term vision.
- The hosting city should be able to meet the all needs of transport functions as follows,
  - Transport Strategy and Authorities
  - Transport Supply and infrastructure
  - Transport Operations and
  - Transport challenges

Hypothesis

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## Transportation and Mega Event

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- ***Mega event- definition:***

***A mega-event is large-scale, internationally sponsored, public entrepreneurship activity engaging a long-term multi-sector organization within the host city and nation with the double goal of supporting overall local and regional development and advancing universal values and principles to meet global challenges.”***

The positive aspect of hosting mega event is that it enhances the spatial, social , and economic domains of the hosting city and thus giving an international image building, place promotion, recognition and national pride.

But also on another side when there is a development proposal or scheme on the property prices improving the existing infrastructure, there is a direct negative impact on the poor people who live there.

Therefore the major question for planners and scholars is how cities can design and integrate the necessary transport changes and hence use mega event as catalyst towards desirable change.

Delhi is the one of the fastest growing cities in the country having population over 16 million. This is due to the major reason of migration from various part of the nation.

Hypothesis

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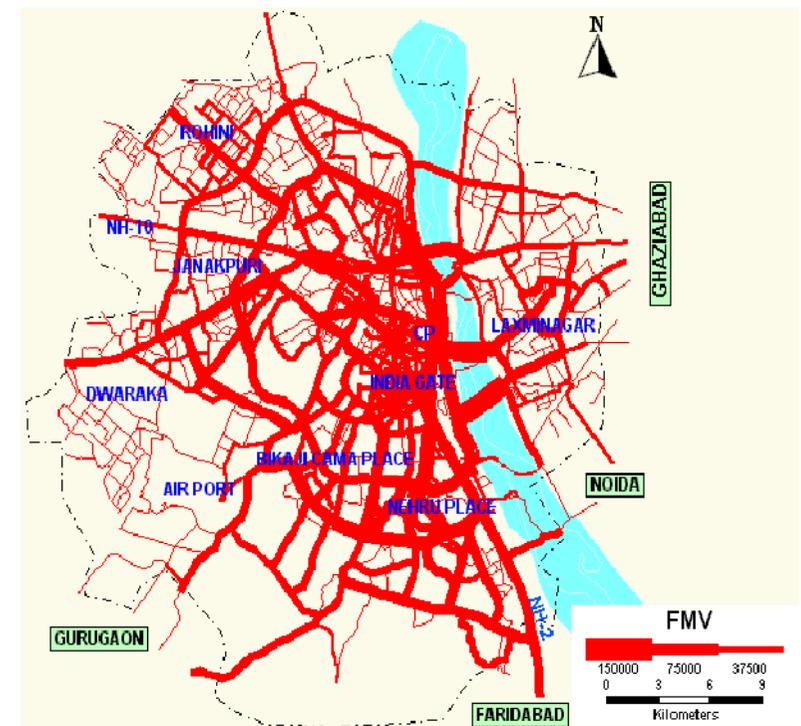
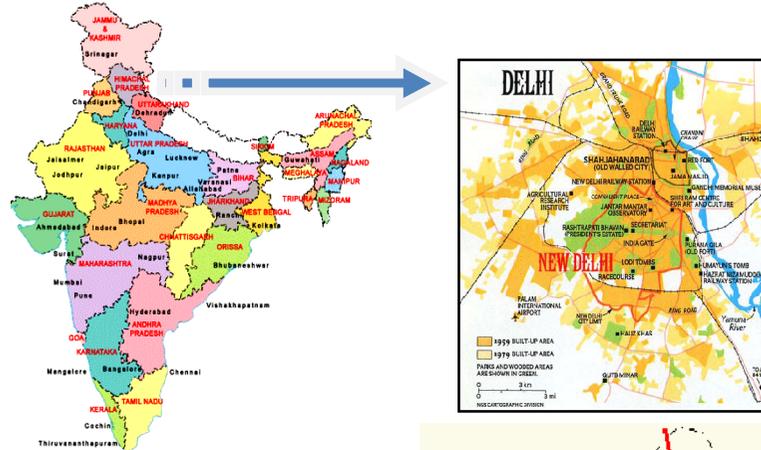
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This amount of population and increase rate has resulted in various increasing traffic demands and the low level of existing transport services and facilities. This directly affects the volume of traffic and thus increasing the congestion level on Delhi roads particularly during peak hours



(Source: Santosh A.Jalihal, T.S. Reddy, Kayitha Ravinder, 2005, Traffic Characteristics of India)

## Bus transport:

Hypothesis

Apart from metro rail buses are the only major service of public transport in the city. Though the quality of the public transport system is low, still majority of the population has to be dependent on buses and metro rail as a mode of transport. The stakeholders of the bus transport system in the city of Delhi are as follows;

Aim and Objective

Methodology

- The Transport Department of the Government of National Capital Territory of Delhi.

Transportation and  
Mega Event

- State Transport Authority
- Delhi Transport Corporation
- Individual blue-line operators
- Delhi Integrated Multi-modal Transit Limited (DIMTS)
- Commuters
- Traffic police
- Mini-bus owners (RTV)
- Staff on the buses (drivers, conductors)

Transportation  
scenario in Delhi

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## Delhi Bus Rapid Transport System

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Bus Rapid Transport system was launched in Delhi by 2008 which meant to give way to the pedestrians and cyclists and thereby encouraging the lane driving technique on wide roads and corridors for easy access related to metro lines.

Conclusion



## Delhi Metro

Hypothesis

For the past 35 years, there has been need for mass rapid transit system in the city of Delhi, since the city has experienced great population growth and increasing national and international significance.

Aim and Objective

Methodology

The first phase of the metro was opened for the operation of commercial purposes, which was of 65 kilometre stretch in November 2006, but the usage expected by the authorities seems to be low.



Transportation and  
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## Transportation scenario in Delhi

### Major Issues in Delhi's Transport Sector

- Major transport corridors not related to the land utilization
- To identify alternate roads to reduce traffic congestion on the current routes as Urban Relief Roads & passing relief points.
- Absence of various facilities in the city such parking space, bye pass link roads and mainly facilities on major bicycle corridors. Hence there is no encouragement for the cyclists in the city.
- Lack of Integration between Road Based and Rail Based Terminal

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## Commonwealth Games Delhi, 2010

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The Indian Olympic Association delegated the responsibility to the **Organizing Committee, Commonwealth Games 2010 Delhi** for the conduct and delivery of the Commonwealth Games in Delhi. This was the first time that the Commonwealth Games was held in India, between October 3 and 14, 2010



The main stakeholders of the event are the Organizing Committee for Commonwealth Games D 2010:

- ✓ Commonwealth Games Federation (CGF)
- ✓ The Organizing Committee Commonwealth.
- ✓ Indian Olympic Association being the Commonwealth Games Association in India (CGA)
- ✓ Government of India and
- ✓ Government of the National Capital Territory of Delhi.

## Modernisation and expansion of Indira Gandhi International Airport

Hypothesis

Aim and Objective

A renovation plan for the active 1A and 1B terminals as a technique to present them a new look. The renovation process for the games of two terminal 1a and 1b came to an end by July 2008.

Methodology

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Transportation  
scenario in Delhi

## Metro Expansion in run up to CWG 2010

National capital territory of Delhi took the programme of phase II construction of metro rail for the commonwealth games of length about 85 kms between Badarpur Station line and Airport Line.

Commonwealth  
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## Roads, Bridges and Flyovers

Hypothesis

Road Network Delhi as a host city had a commitment to upgrade and improvise the city's infrastructure.

Aim and Objective

This process included various works such as improvising and construction of bridges, flyovers, streetscaping, lightening the streets, providing better bus transport with transit systems and new buses and bus parking depots.

Methodology

Transportation and Mega Event

Out of the total 76 transportation related projects, 25 has been identified as Games projects while 51 have been identified as city improvement projects.

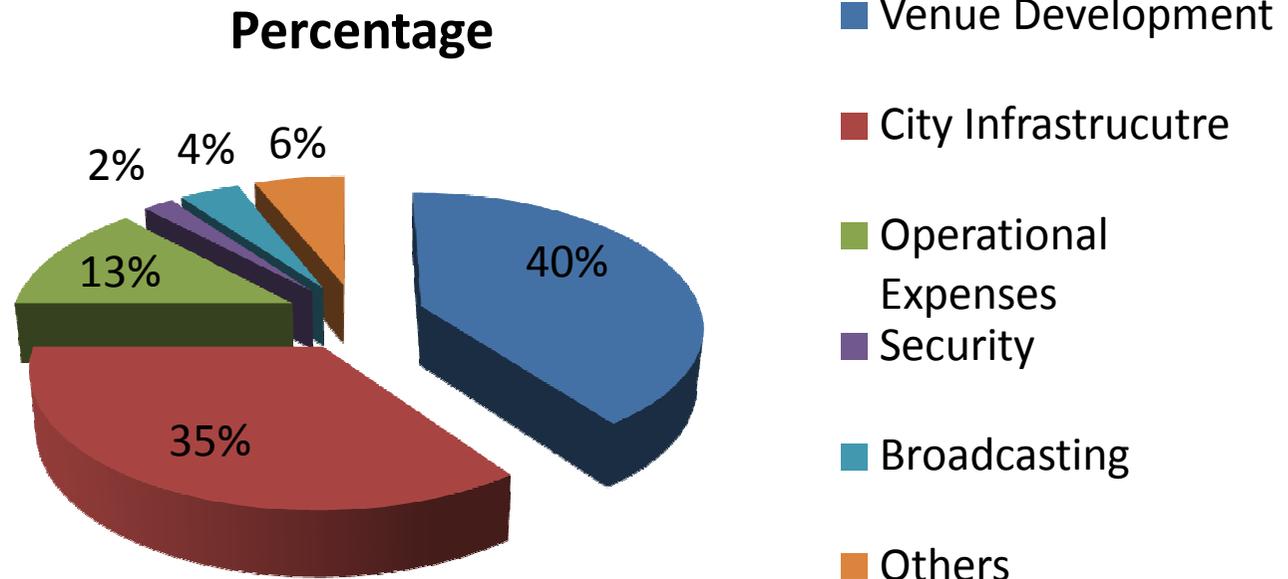
Transportation scenario in Delhi

Commonwealth Games Delhi, 2010

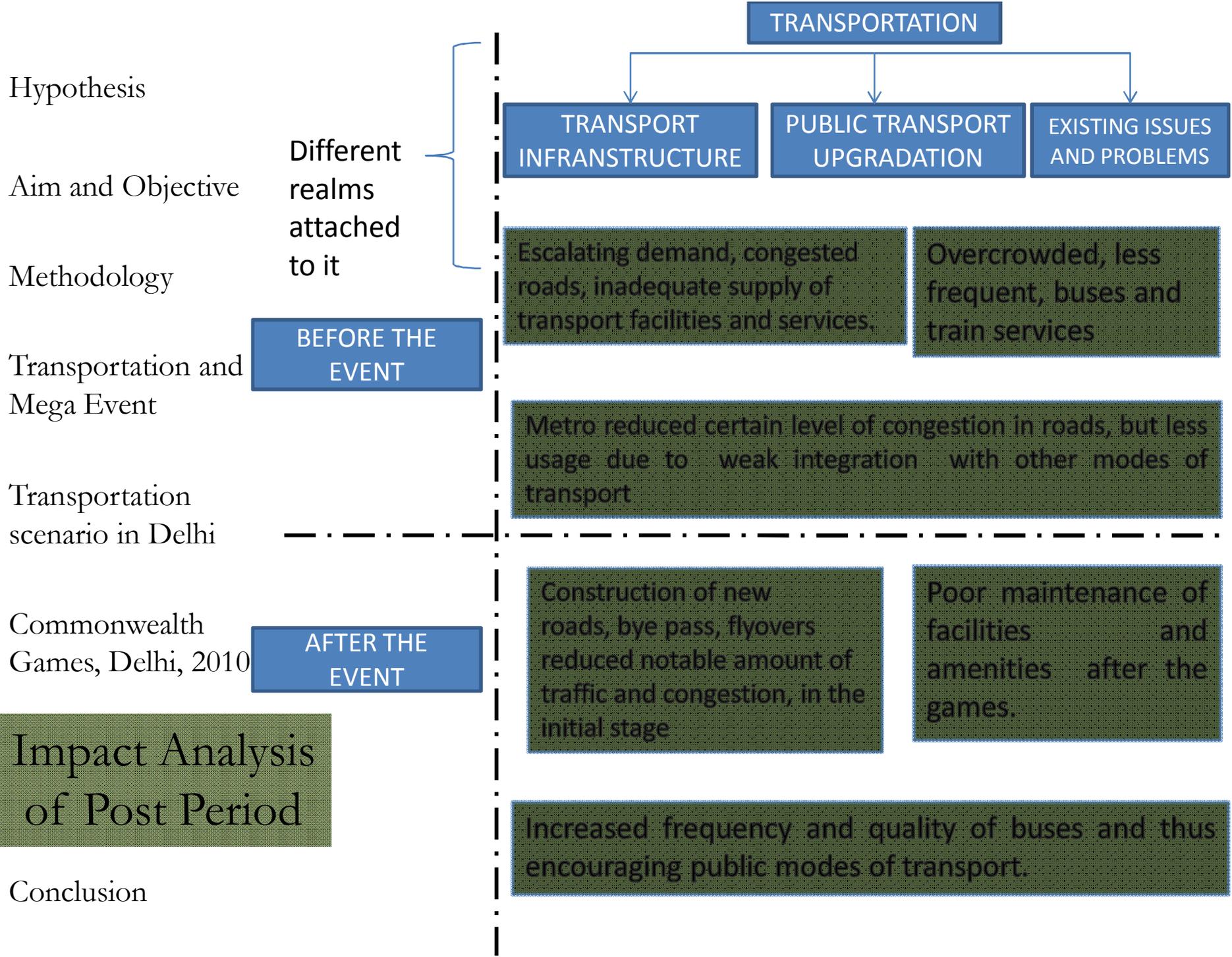
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### Activity-wise break-up of estimated costs( Percentage)



(Source: A Report on Preparedness for the XIX Commonwealth Games ,2009)





Hypothesis	<b>Research question :</b> How and in what ways mega events influences the changes and enhances the transportation domain of the hosting city and finally does it provide post-period positive impacts on hosting city of developing nations?
Aim and Objective	<b>Research outcome:</b> <ul style="list-style-type: none"><li>•With new transport infrastructure such as modernization of airport, new low-floor buses for public mode of transport has created a new image for Delhi as a metropolitan in global view.</li></ul>
Methodology	<ul style="list-style-type: none"><li>•The new roads, bridges and flyover has caused the traffic to be seamless at present situation, with some new traffic rules and signs in the city.</li></ul>
Transportation and Mega Event	<ul style="list-style-type: none"><li>•In terms of positive side of the commonwealth games in Delhi, as the events has finished recently, it is difficult to find and to be felt the long term positive impacts. The changes in transport sector in the city such as street scaping, improving the road, incomplete metro line for games, they were mainly temporary developments and changes with improved perspective seems to be insufficient.</li></ul>
Transportation scenario in Delhi	<ul style="list-style-type: none"><li>•Mismanagement and corruption among the government officials and authorities may also be a reason for the failure of proper facilities and benefits to the city.</li></ul>
Commonwealth Games, Delhi, 2010	<ul style="list-style-type: none"><li>•It can be said that the transformation that has underwent in Delhi is unbalanced renovation, it can be said that a change which is hinging on the privatization and securitization of public assets and are determined by visualization of globally related but the vision is said to be detached locally.</li></ul>
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Thank  
you

