



Envisioning Smart Cities

Ideas Camp

6th & 7th Oct 2015

New Delhi

O.P. Agarwal

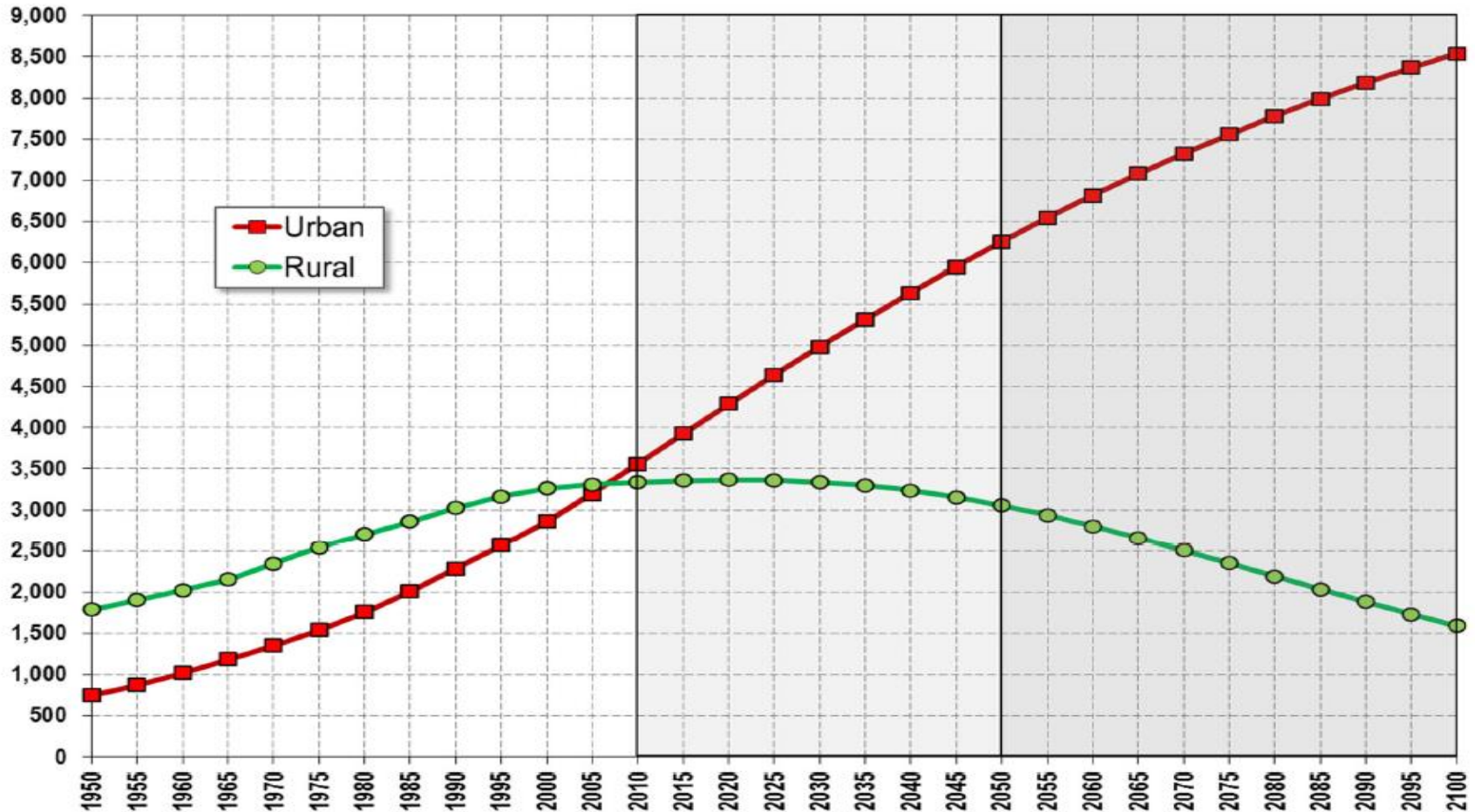
Indian School of Business

19TH CENTURY - EMPIRES

20TH CENTURY - NATION STATES

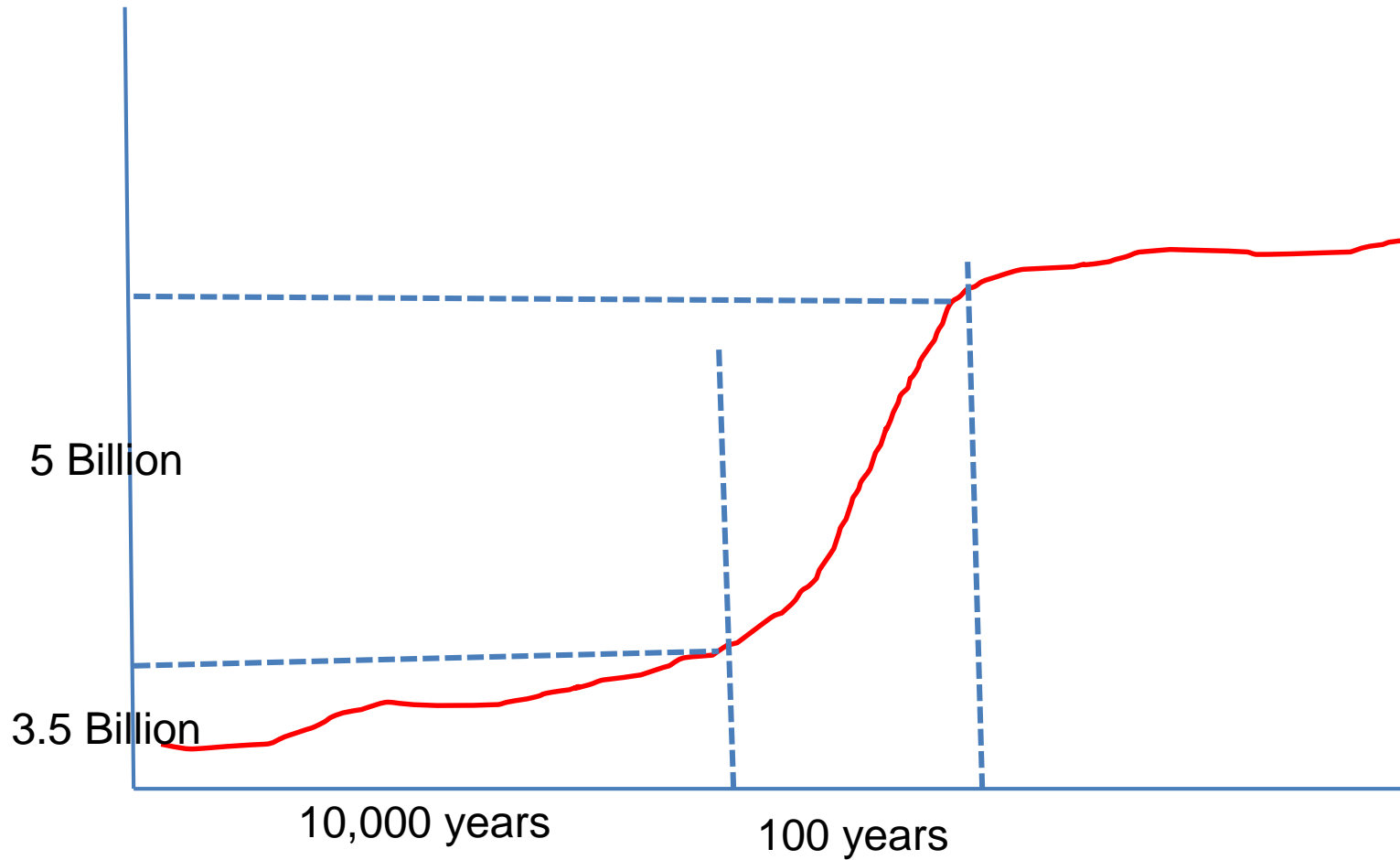
21ST CENTURY - CITIES

More than half the world's population now lives in its cities



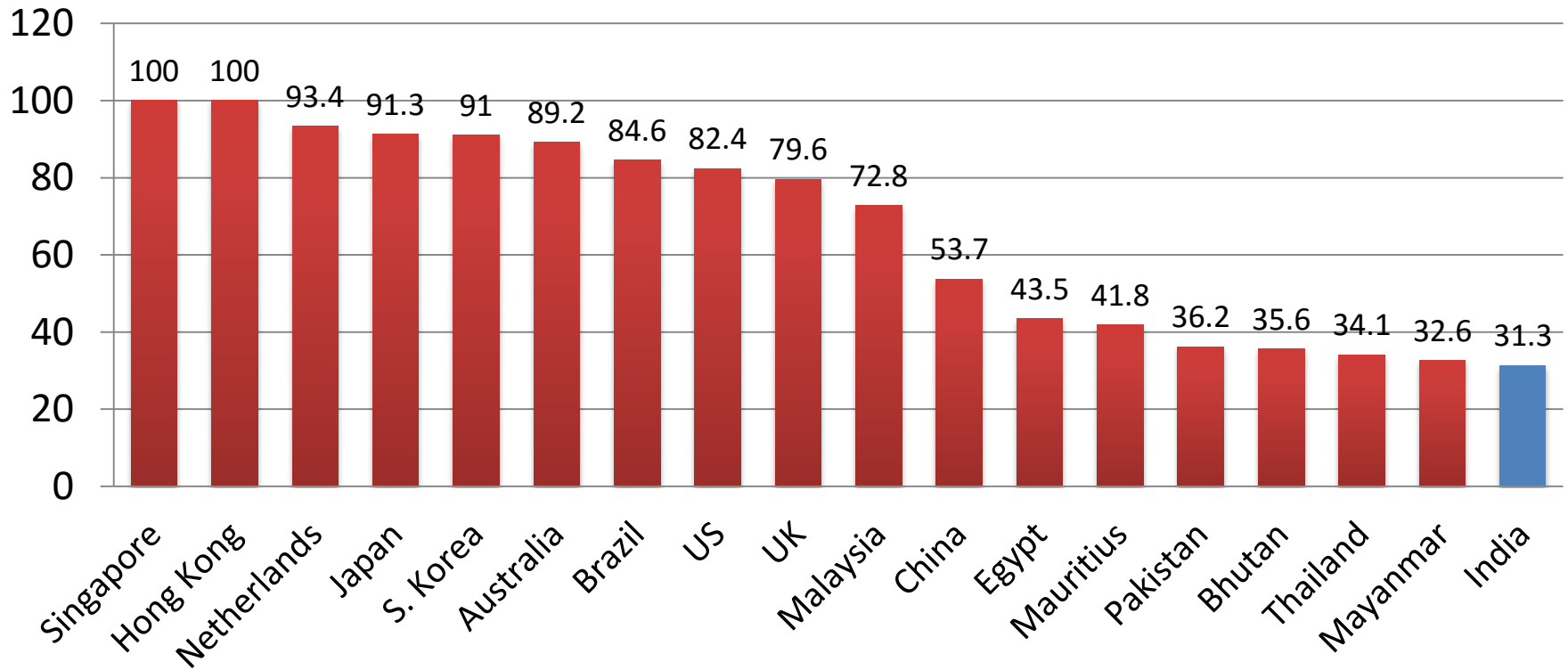
Source: United Nations, Department of Economic and Social Affairs, Population Division (2012): World Urbanization Prospects, the 2011 Revision. New York

Global urban growth projections

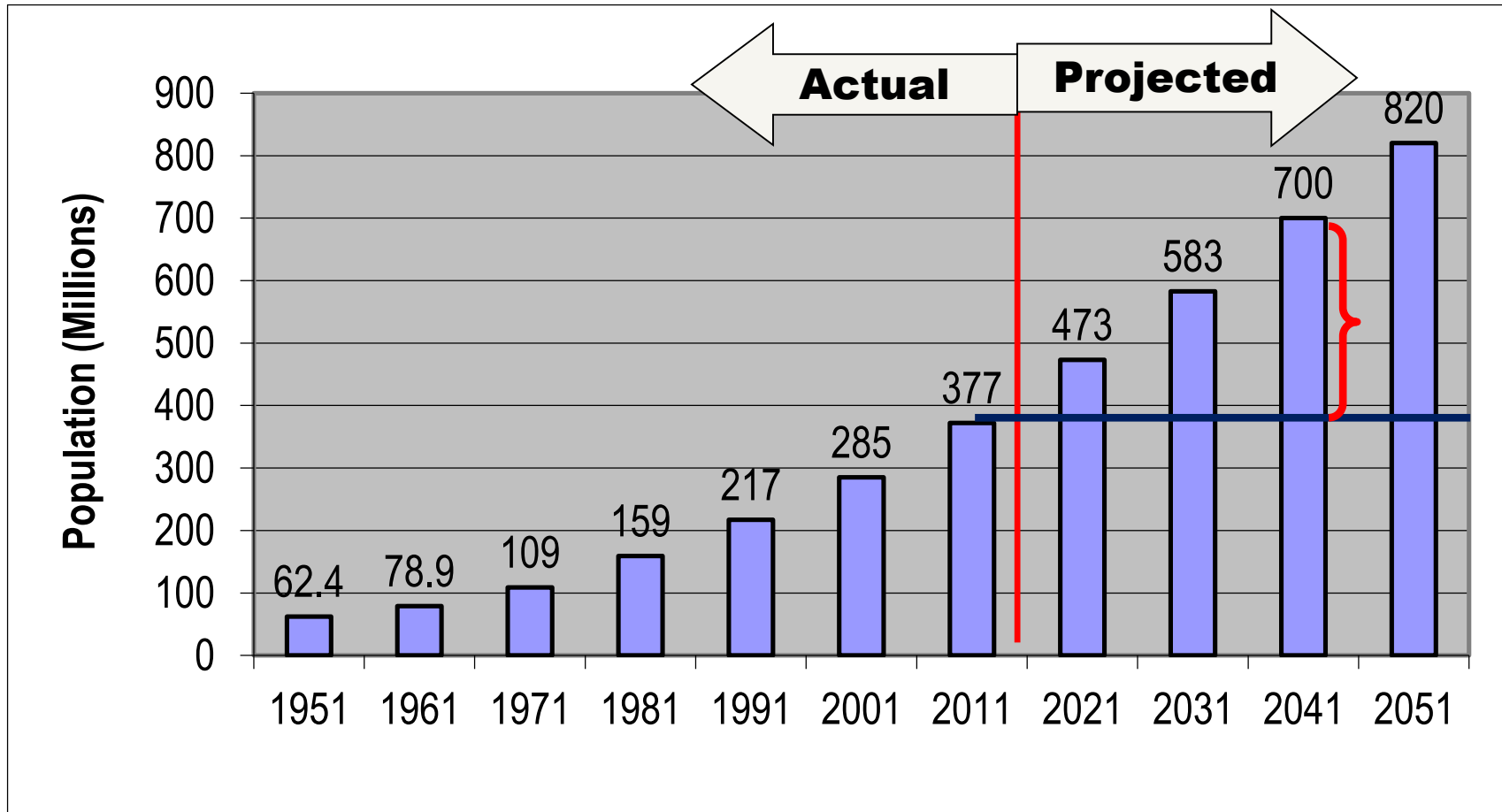


Level of Urbanization varies across countries

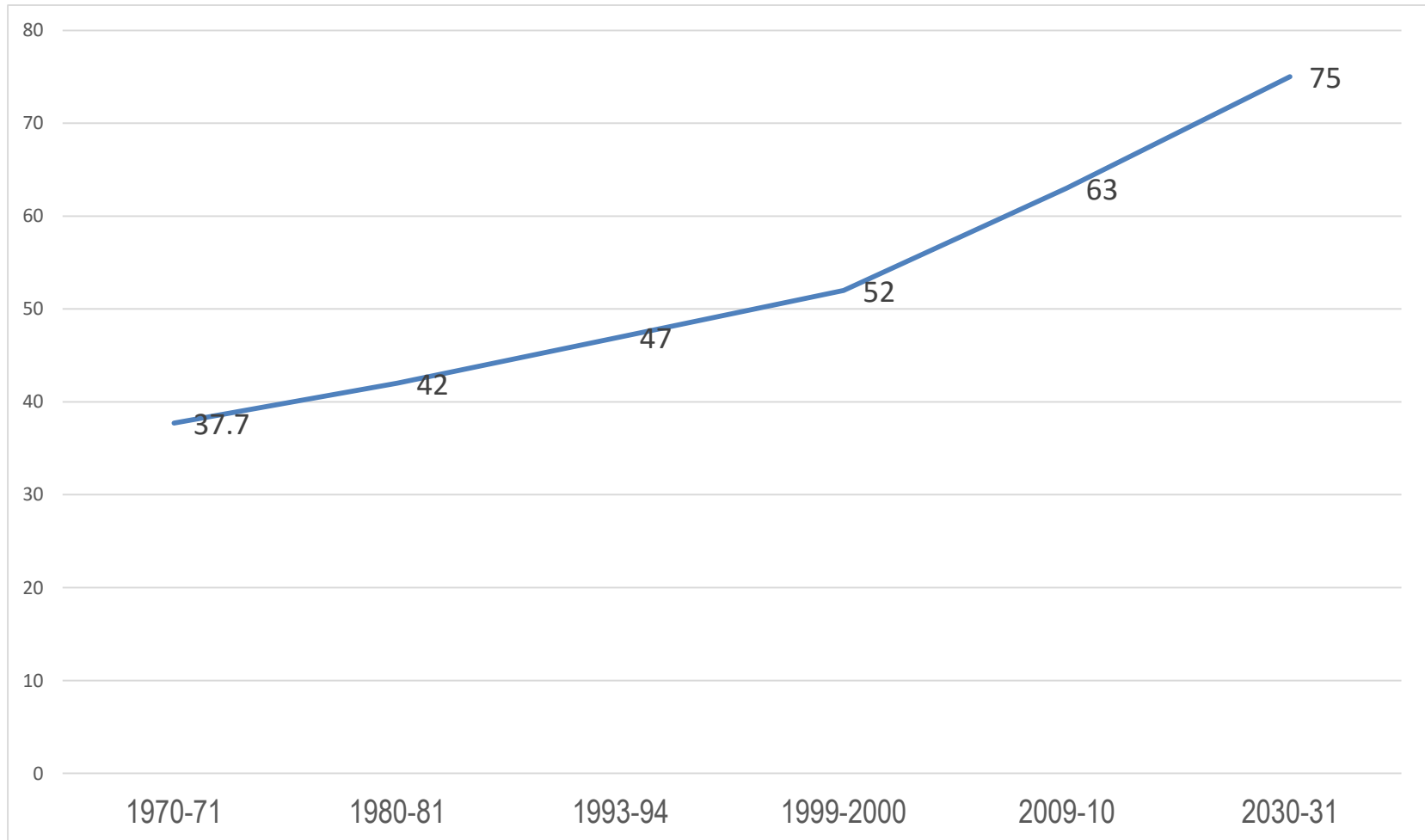
% Urban Population



India's Urban population projections



Share of GDP from Urban Areas



**New government announces the
setting up of 100 Smart Cities and
500 AMRUT Cities**

Pillars of a Smart City

Livelihood

Quality of Life

**A Smart City is one where people want to
Live, Work and Play**

**Physical
Infrastructure**

**Social
Infrastructure**

**Economic
Infrastructure**

**Institutional
Infrastructure**

**Comprehensive
Planning**

A Shared Vision

Need based vs. Vision led planning

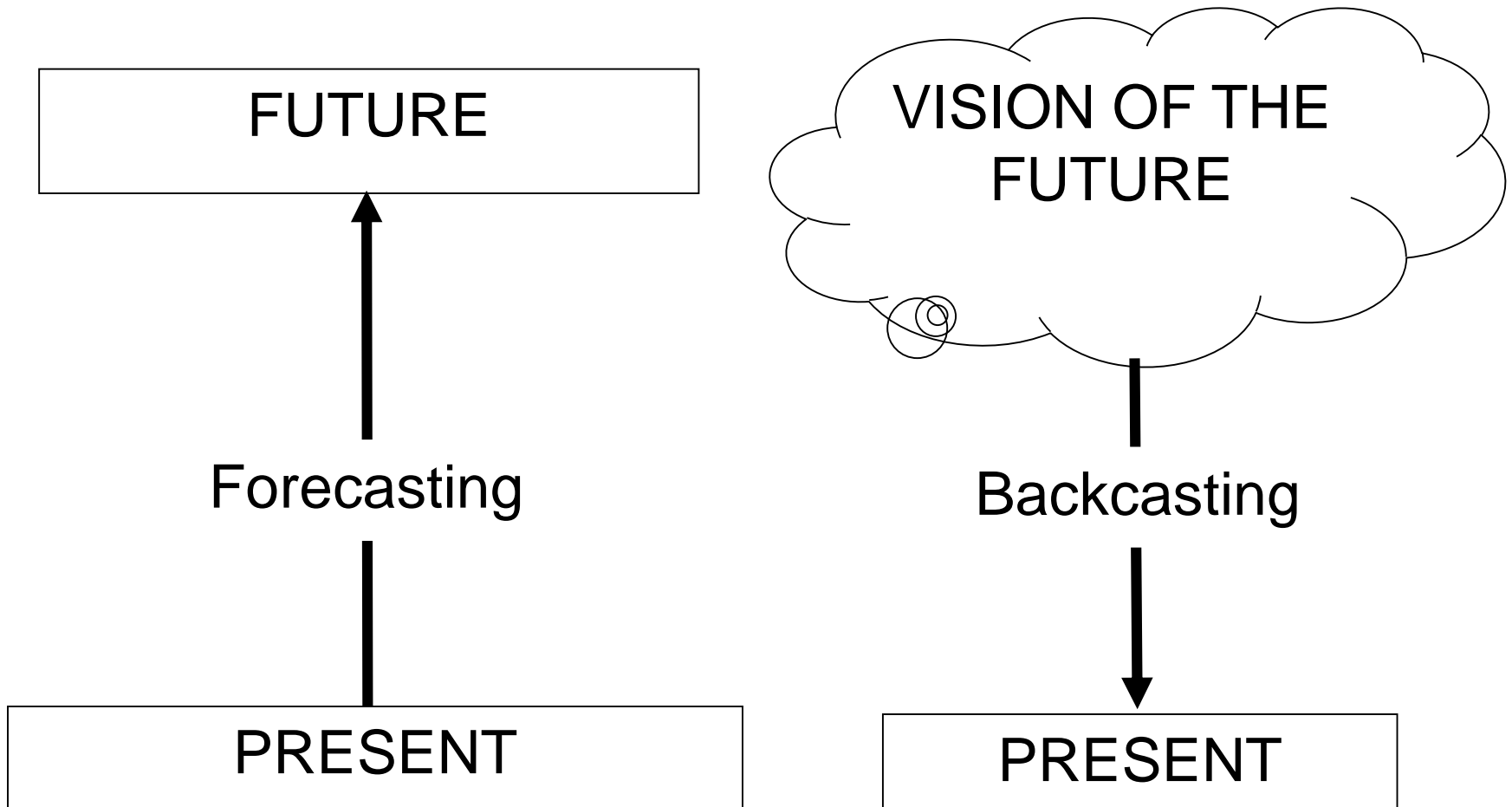
Need based

- Assess current status
- Project population and development trends
- Estimate needs
- Plan to provide for estimated needs
 - Land use plan
 - Infrastructure plan
 - Project formulation

Vision led

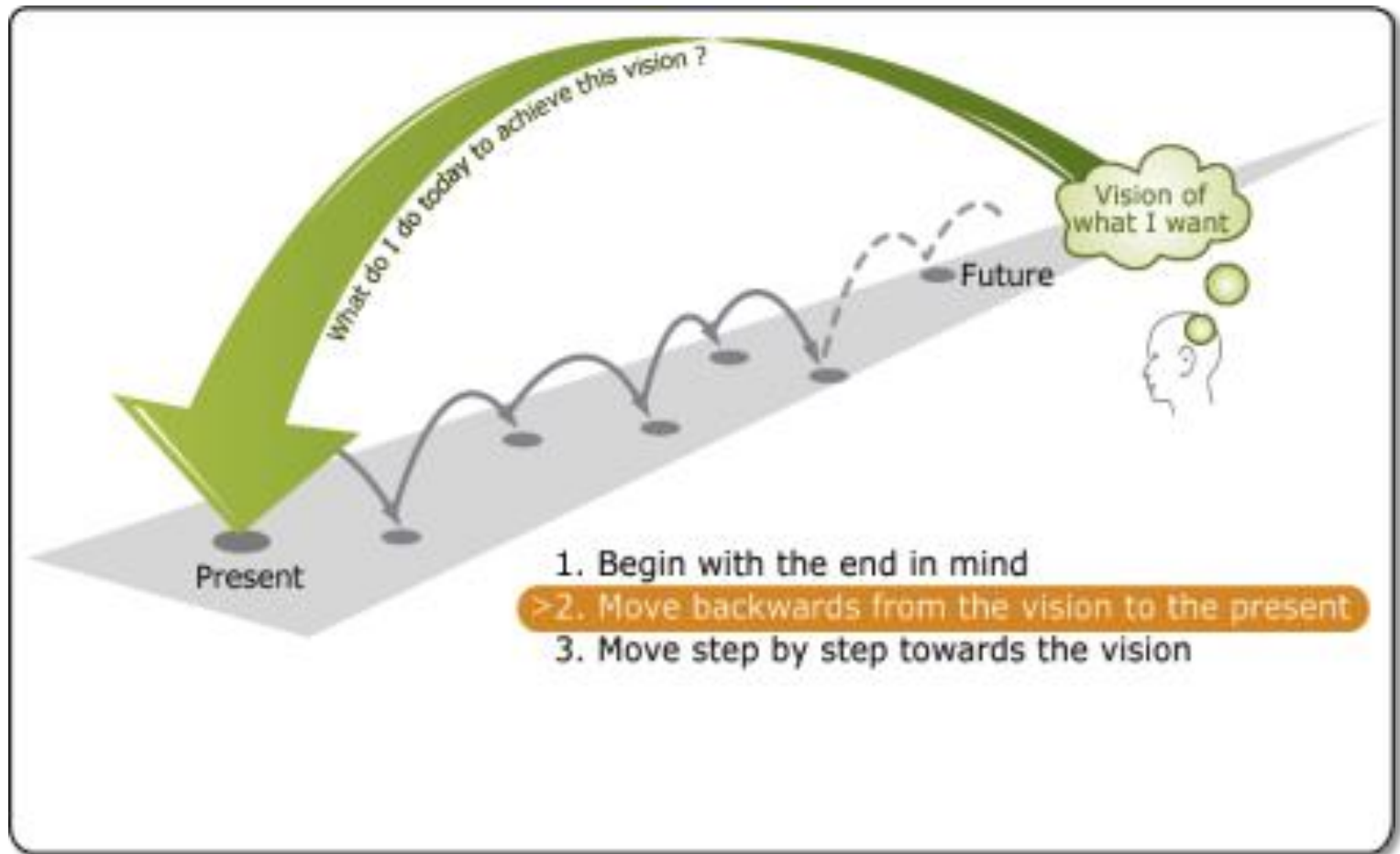
- Assess status and carry out a SWOT analysis with stakeholder involvement
- Create a socio-economic and environmental vision
- Define objectives and outcomes
- Prepare strategies
- Formulate projects

Forecasting and backcasting

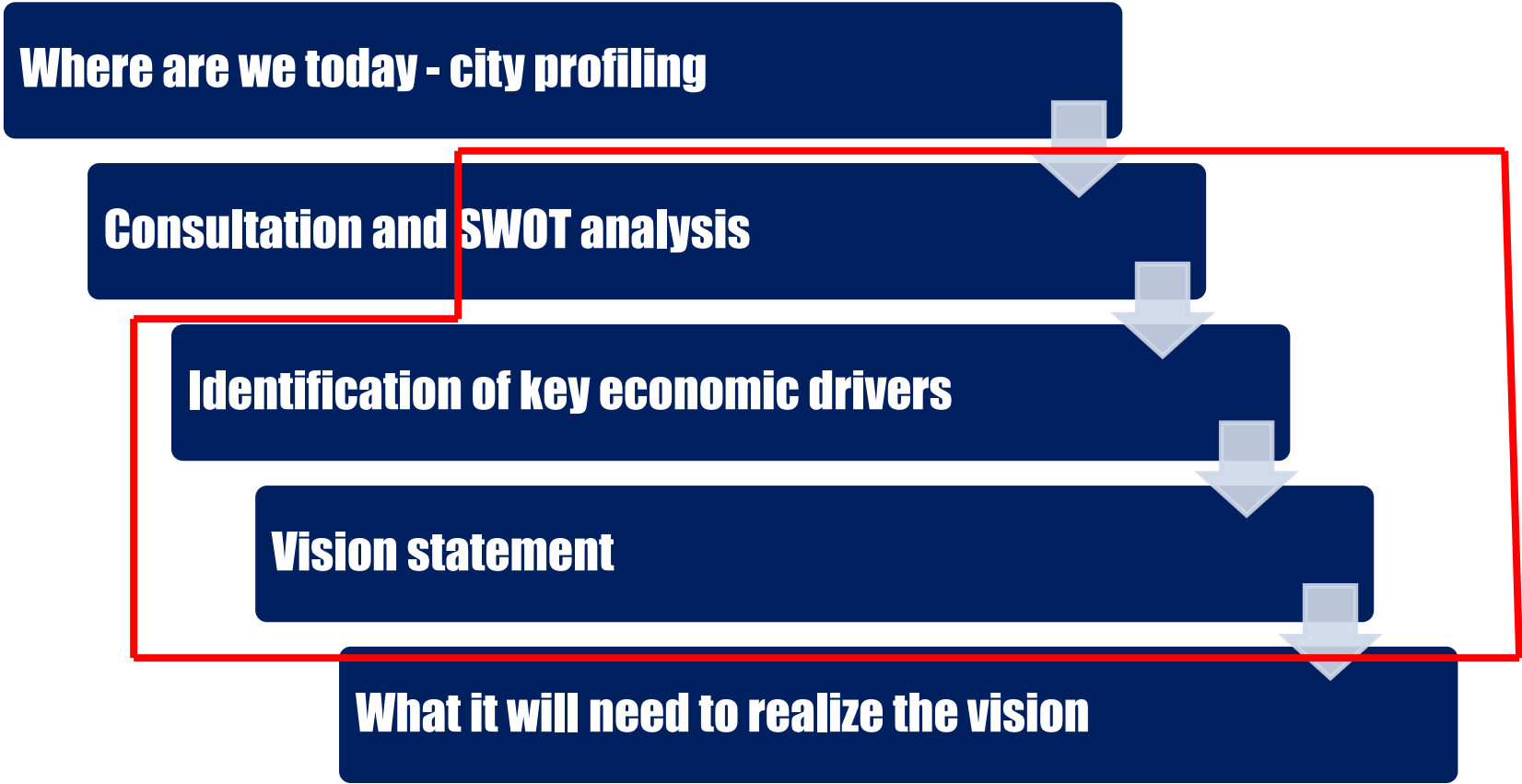


*Source: STELLA Focus Group 4 meeting, Brussels 25-27 March 2004

Vision led planning



Process



Thank You