

Urban Nexus and Implementation of Urban- and Resource-related Global Agendas



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Outline of Presentation

1. **Background**
 - Urbanisation and Resources
2. **Urban Nexus Concept**
 - Elements
 - Framework
3. **Urban Nexus and the Global Agendas**
 - Relevance to the SDG Targets
 - Relevance to the New Urban Agenda



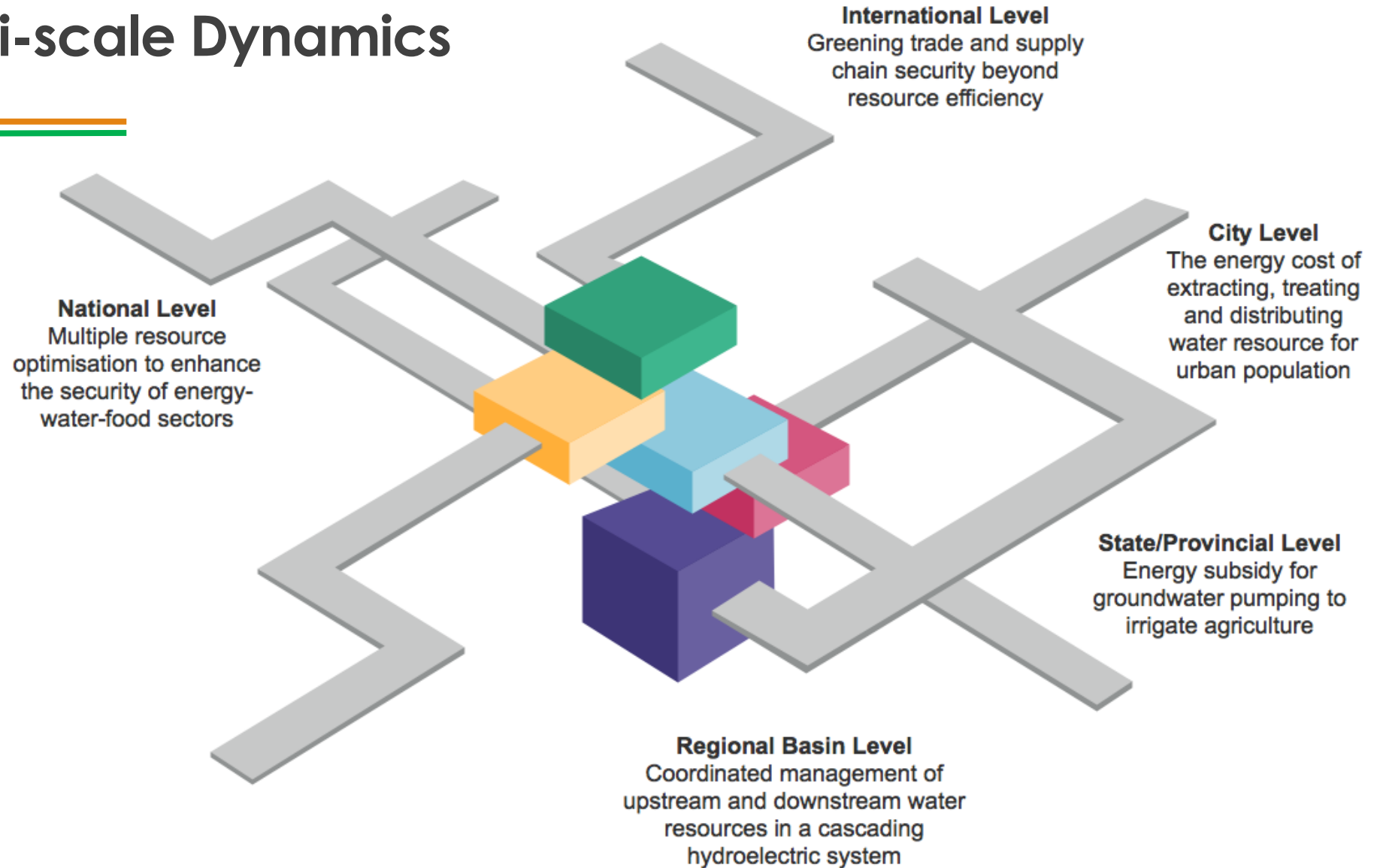
Background: Urbanisation and the Resource Crunch

- Urbanisation set to rise from 54 per cent in 2015 to 66 per cent in 2050, an additional 2.4 billion people are likely to be added to the global urban population (UNDP 2015).
- The bulk of urban growth will happen in the cities of the global South
- Material consumption predicted to grow faster than urban populations, global urban material consumption is projected to reach approximately 85 billion tons by 2050 (UN International Resource Panel, in press)
- Most of the economic growth and demand for resources will come from cities with populations of less than 10 million (Dobbs et al. 2011).

Background: Multi-scale Dynamics

The nexus effect plays out differently at different scales, including cities

Plural understandings of nexus at multiple scales



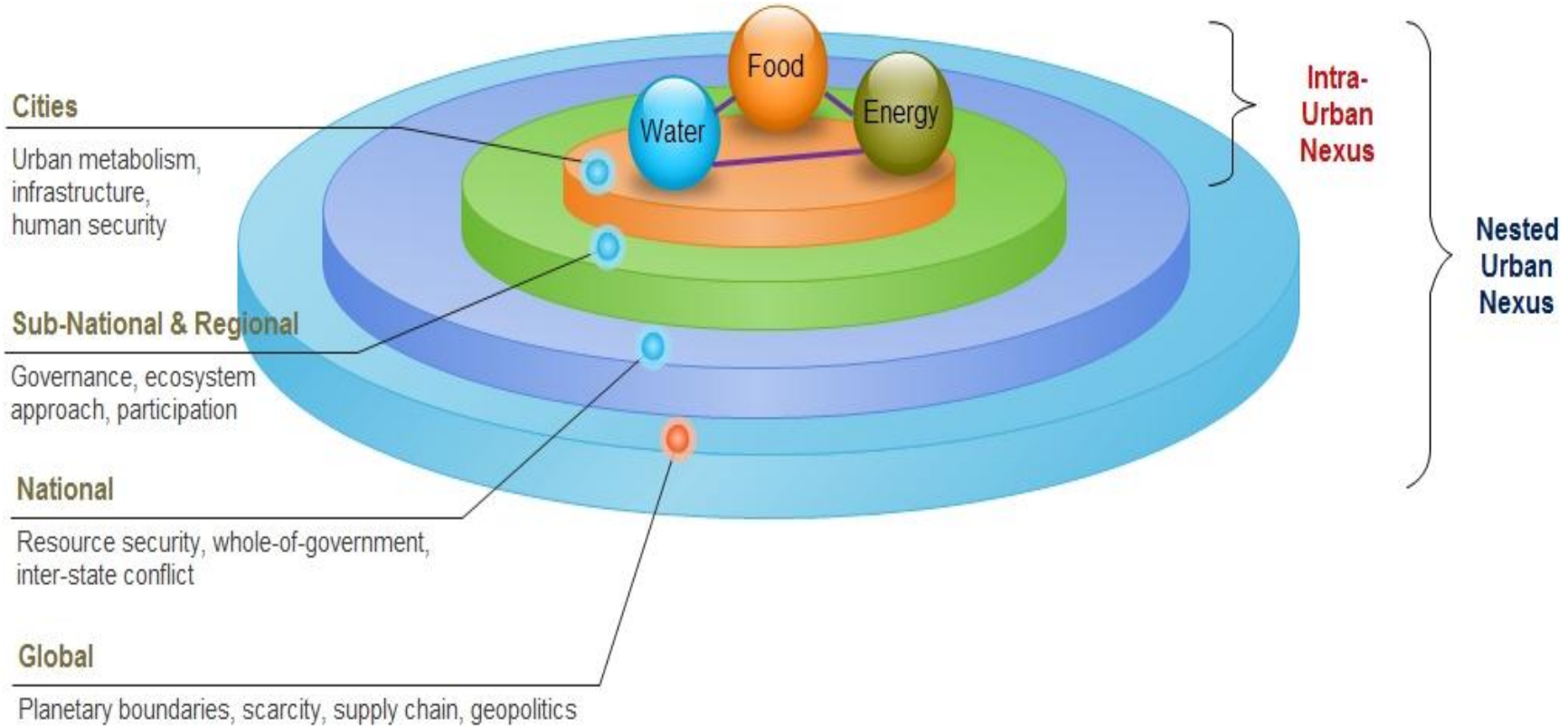
A working definition of urban nexus

INTRA-URBAN NEXUS

As a site for nexus interaction, city managers will have to optimise solutions related to urban metabolism, infrastructure and human security

NESTED URBAN NEXUS

Understand the urban dynamics by simultaneously capturing the driving and constraining forces at both lower and higher scales

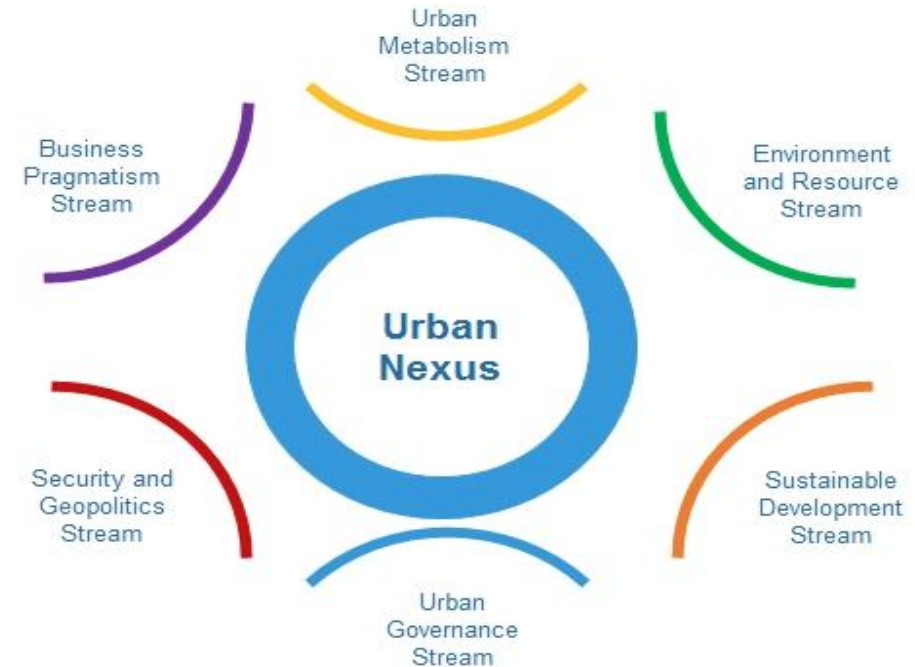


Intra and Nested Urban Nexus Perspectives

Six Streams of Ideas Informing Urban Nexus

The popularity of the nexus terminology can best be understood as symptomatic of:

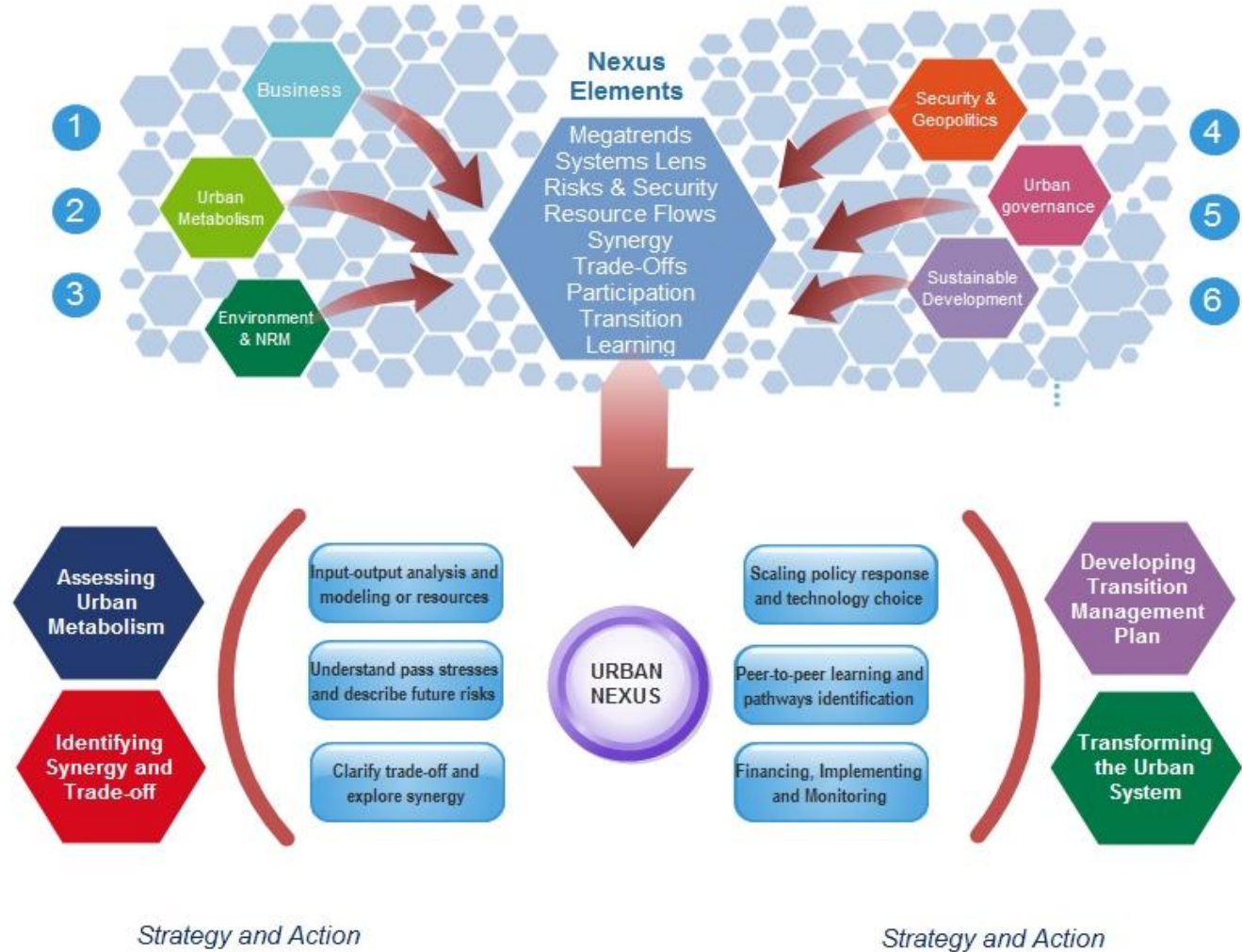
- increasing emphasis on integration as an ideal
- emphasis on science-policy solutions to environmental problems
- preference for efficiency gains in confronting resource scarcity



The study surveys six streams of ideas informing the emerging urban resource nexus concept

Nexus Elements and Action Agendas

Ten nexus elements or building blocks derived from the six different streams



Feedback from the Expert Group Meeting

- An Expert Group Meeting was held in UNCC Bangkok from 10 to 11 November 2016 to discuss the concept of urban nexus, its elements, the framework and linkages to the urban-related global agendas
- Twelve experts and local government authorities from around the world provided their inputs on:
 - The scope and audience of the discussion paper
 - Key elements of the urban nexus:
 - Conflicts
 - Nexus actors and ideologies
 - Social justice

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_2044

