

Planning for Climate Change and Rapid Urbanisation

Continuing Professional Development, Lecture Series for Professionals

lecture notes

- Lecture title : Planning for Rapid Urbanisation
- Presenter : Ben Bolgar
- Presenter firm : The Prince's Foundation
- WWW : www.princes-foundation.org

summary

The 2020 Survey of the Built Environment Professions in the Commonwealth identified a critical lack of professional capacity in many of the Commonwealth countries which are urbanising most rapidly and are among the most vulnerable. Much of this growth is being experienced in secondary cities in which there may be no professional built environment expertise at all. In this lecture, Ben Bolgar from The Prince's Foundation describes a simple four step process which can be used by communities anywhere to help produce a 'bare bones plan' that can be adopted as a guiding framework for future development.

learning outcomes

By the end of this lecture, students will understand:

- the four major challenges facing humanity
- why spatial planning is the most efficient way to meet the SDG's
- why simple 'bare bones' planning is required as a form of a rapid response and to compensate for the lack of capacity among the built environment professions in towns and cities that are rapidly urbanising
- the principles of an urban village / walkable neighbourhood
- the steps needed to create a key fixes plan
- what a key fixes plan consists of and why this is important

key concepts

- Spatial planning based on walkable neighbourhoods
- Why spatial planning helps to achieve the Sustainable Development Goals
- Working methods for cities where there are few professional planning resources
- Planning around natural features to avoid flooding and poor health
- Implementation based planning focussed on a few key fixes
- Planning methods where technology is relatively limited

links to further information

<https://princes-foundation.org/urbanisation-community-environment>

https://issuu.com/comarchitect.org/docs/survey_of_the_built_environment_pro_1d9f5abd455ca1?fr=sOTY5YjEzNzg1MDY

<https://commonwealthsustainablecities.org/wp-content/uploads/2020/07/Toolkit-design-brochure-v6.pdf>

speaker notes

Part 1

- Slide 4 : Introduction to the perfect global storm of challenges facing humanity
- Slide 5 : 4 key parts of the lecture
- Slide 6 : Rates of urban growth and urban extent across the world
- Slides 7-9 : Inverse correlation between levels of growth and professionals in country
- Slide 10 : Cities as drivers of GDP only when planned hence need for toolkit
- Slides 11-12: SDG 11 as convening goals connected to all others
- Slide 13 : The principle of the urban village
- Slides 14-21: The structure of planned urban extensions, the spine and matrix (street and block/grid)
- Slide 22 : The principle of urban extensions and connected urban villages/walkable neighbourhoods
- Slides 23-28: The 4 steps of the rapid planning process
- Slides 29-34: The various layers of the planning process, street network, boundaries, density & quarters

Part 2

- Slides 2 : Bo Case Study
- Slides 3-15 : The Bo case study covering steps 1 to 3
- Slide 16 : The next step in Bo
- Slide 17 : Summary of the steps delivered in Bo
- Slide 18 : The key fixes diagram as the thing that needs protecting by the city authorities over time

Part 3 (delivered by Haja Halimah Lukay)

- Slide 2-3 : Lessons learnt in the Bo Case Study
- Slide 4-5 : Undertaking Steps 1 & 2
- Slide 6-7 : Challenges
- Slide 8 : key message 'Cities are human creation and we all have power to plan'
- Slide 9 : Summary slide of lecture
- Slide 10 : Thank you

END