



Confronting the Epidemic of Chronic Disease

Strategy Think Tank – Healthy Places

Professor Anthony Capon
Asia-Pacific Regional Centre

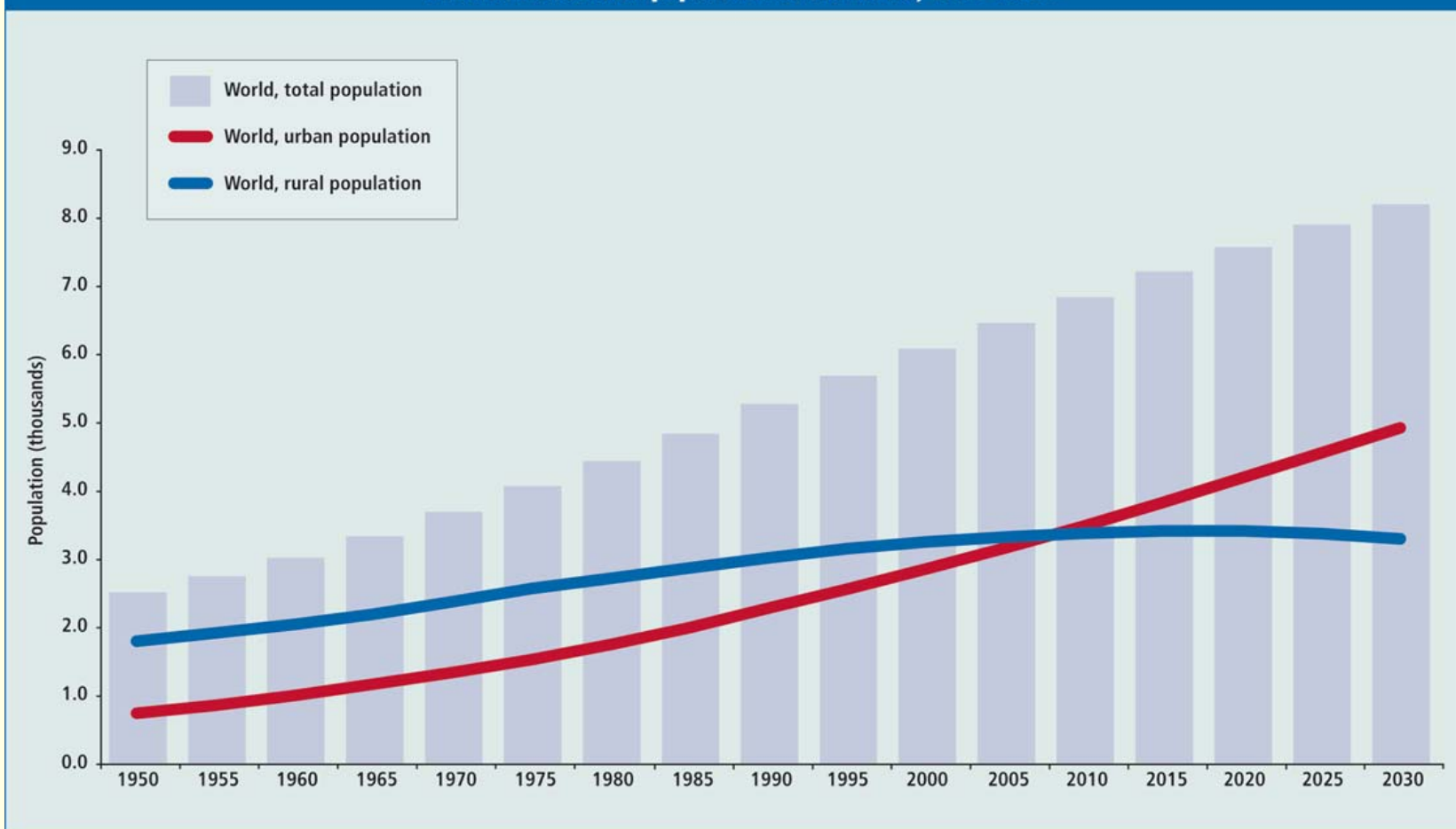
Issue

- Making our environment a healthy and sustainable place to live in

World Urbanization Prospects: 2005 Revision

United Nations, Department of Economic and Social Affairs

The urban and rural population of the world, 1950-2030





Dogon village, Mali, West Africa

DOGON VILLAGE NEAR BANDIAGARA, Mali (N 14°23' W 3°39')
<http://www.yannarthusbertrand.org>

An aerial photograph of a market in Xochimilco, Mexico. The scene is dominated by a dense canopy of colorful umbrellas, primarily in shades of red, yellow, blue, green, and pink, which are suspended from the sky by thin wires. The umbrellas are arranged in a grid-like pattern, creating a vibrant, multi-colored ceiling. Below the canopy, the ground is visible, showing the silhouettes of people and structures, though they are less distinct due to the high angle and the density of the umbrellas. The overall atmosphere is one of a busy, traditional outdoor market.

Market, Xochimilco District, Mexico

Market near Xochimilco district, Mexico, Mexico (19°20' N, 99°05' W)
<http://www.yannarthusbertrand.org>

Gullholmen village, Sweden



Gullholmen village, north of Göteborg, Sweden (58°10' N, 11°24' E).
<http://www.yannarthusbertrand.org>

An aerial photograph of Venice, Italy, showing the Grand Canal winding through the city. The canal is a dark blue-green color, contrasting with the dense, reddish-brown buildings of the city. The city is built on islands in the Venetian Lagoon. In the top left, there is a large, modern structure, possibly a railway station or airport terminal, with a complex network of roads and tracks. The water is a deep blue-green, and there are several small boats visible in the canal. The overall scene is a dense urban environment with a unique water-based layout.

Venice, Italy

General view of Venice, Veneto, Italy (45°35' N, 12°34' E).
<http://www.yannarthusbertrand.org>

History

1800s: rapid urbanisation and epidemics of infectious and respiratory disease.

Edwin Chadwick: *Health of towns* movement

Other phases of concern about health and cities:

- *Garden cities* Ebenezer Howard
- *UNESCO Man and the Biosphere* Stephen Boyden
- *WHO Healthy Cities* Trevor Hancock, Leonard Duhalde

Medical Officer of Health

- *NSW Public Health Act 1991*
 - Communicable diseases
 - Food safety
 - Environmental health

- Chronic diseases and injury
 - Cardiovascular disease
 - Diabetes
 - Chronic respiratory disease
 - Cancers
 - Depression

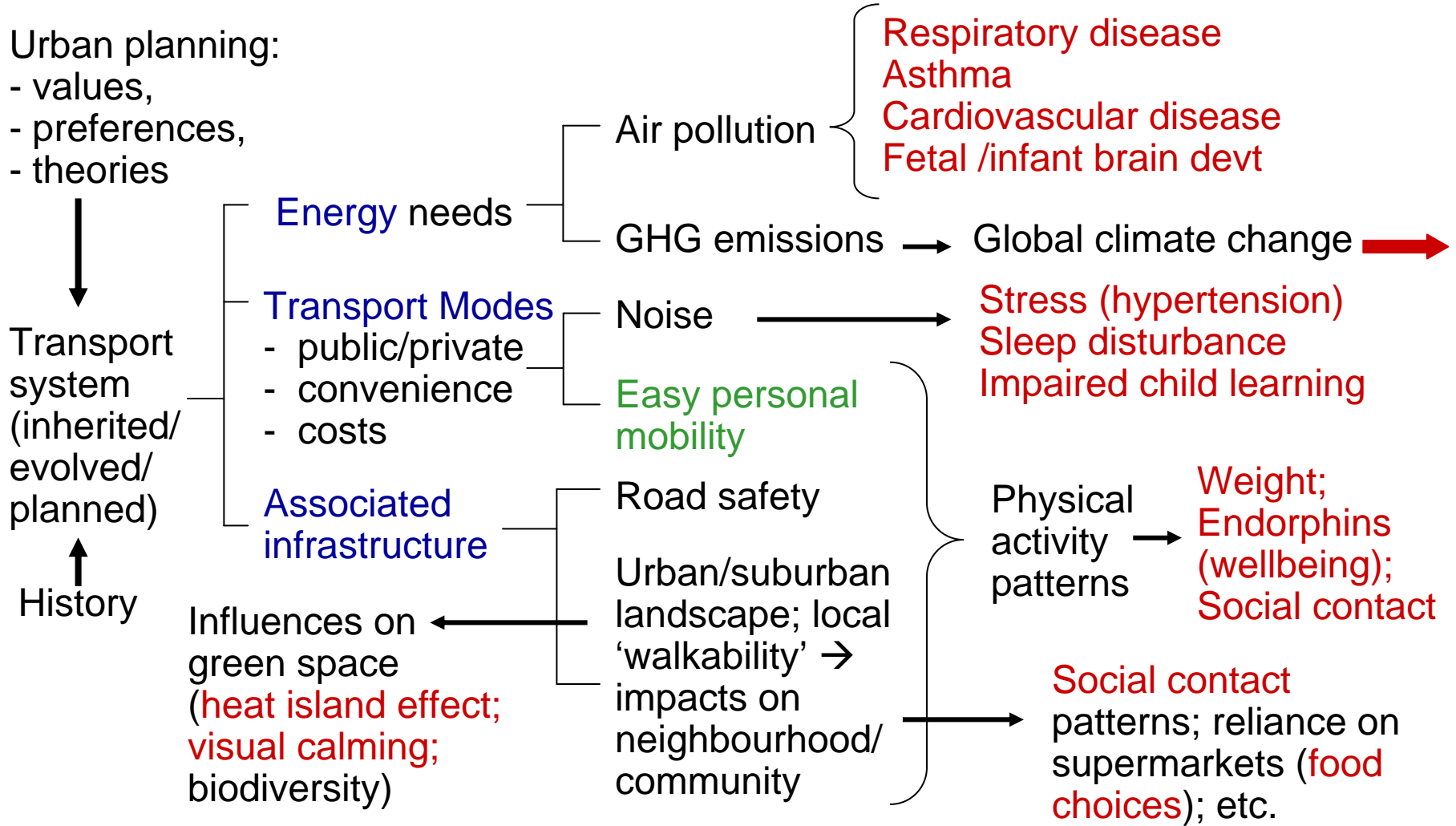
Strategy Think Tank – Healthy Places

- Stephen Boyden, Nature and Society Forum
- Xuemei Bai, CSIRO Sustainable Ecosystems
- Lars Gemzoe, Gehl Architects
- Emma Synnott, Arup
- Ida Strand, Mandag Morgen

2006 AAS Fenner Conference



Transport Choices, Systems and Uses: Integrated Overview

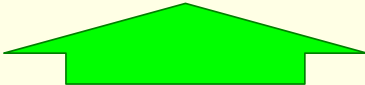


KISS

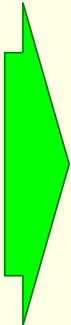


Framework for urban sustainability and population health

Urban ecological impact



Economy and work	Transport and urban form	Housing and buildings	Nature and landscape	Media and communication	Culture and spirituality	
						Air, water, noise, infection, chemical exposures, local climate
						Food access
						Physical activity
						Safety
						Family relationships
						Social capital



Human health and wellbeing

Tata Motors, Nano



Transport options for elderly citizens



Checklist for healthy and sustainable communities

Anthony G. Capon^{A,B,D} and Edward J. Blakely^C

^A*Australian Health Policy Institute, The University of Sydney.*

^B*National Centre for Epidemiology and Population Health, The Australian National University.*

^C*Planning Research Centre, The University of Sydney.*

^D*Corresponding author. Email: acapon@med.usyd.edu.au*

Abstract: This paper describes a 10-point checklist for the planning and development of healthy and sustainable communities. The 10 domains in the checklist are essentially physical characteristics of places. Each domain has relevance to the health of people living in the place, and to the sustainability of the environment. The checklist is intended as a tool for those who plan, develop and manage urban environments. Such tools can be valuable for assessing the health and environmental impacts of decisions made by urban and transport planners, and businesses engaged in land development and infrastructure projects.

The urban environment is an important determinant of health.¹ Obesity is a good example of how environmental factors can affect health. Obesity results from an energy

the integration of human health considerations with environmental considerations when developing policy for urban and regional planning and sustainability. We present a 10-point checklist as a guide for the development of healthy human habitat. The goal should be to minimise ecological impact while maximising the human experience, including health and well-being. The checklist focuses on characteristics of places rather than people because planners and developers can influence these.

Ten-point checklist for healthy and sustainable communities

1. Outdoor air quality

Air pollution in Sydney is known to exacerbate asthma.⁴ The main source of outdoor air pollutants in Australian urban environments is motor vehicle emissions. Improved motor vehicle emission controls have reduced emissions for each kilometre travelled; however, the total number of kilometres travelled is increasing. Until there is a reduction in the total number of kilometres travelled, air pollution will remain a health issue in Australian cities.

Urban planning and public health interventions to reduce dependence on motor vehicles and improve air quality include:

- locating jobs, services, schools and shops close to where people live;
- promoting active modes of transport (walking and cycling); and

Biosensitive Futures

- An initiative of Nature and Society Forum
- Information and ideas for healthy people on a healthy planet
- <http://biosensitivefutures.org.au/>

THE ART OF REBELLION 2 – World of urban art activism by C100



THE ART OF REBELLION 2 – World of urban art activism by C100



THE ART OF REBELLION 2 – World of urban art activism by C100



THE ART OF REBELLION 2 – World of urban art activism by C100



Thank you