THE UNITED NATIONS ENVIRONMENTAL COUNCIL

towards a sustainable future!
CONTENTS

- THE NEED FOR AN UNITED NATIONS ENVIRONMENTAL COUNCIL?

- PROBLEM STATEMENT

- CURRENT URBAN SITUATION

- DESIGN AMBITIONS & DEVELOPMENT

- PROGRAM

- ARCHITECTURE & GREEN TECHNOLOGY

- CLIMATE & BUILDING TECHNOLOGY
THE NEED FOR AN UNITED NATIONS ENVIRONMENTAL COUNCIL?
PROBLEM STATEMENT
Addressing the existing United Nations ensemble

Creating a new prominent sustainable example in terms of architecture, that deals with contemporary and future sustainable issues that are present on a global scale
CURRENT URBAN SITUATION
DESIGN AMBITIONS & DEVELOPMENT
ADAPTABILITY

The capacity to undergo modifications and accept changes in function and size with limited structural interventions
DURABILITY

The ability to survive over an extensive period of time
LEGIBILITY

Showing a sense of clarity about the composition, use and relations to its context
New York // Manhattan Midtown East

Masterplan
for the United Nations and the Ecological Council
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PROGRAM
United Nations

UN sustainability council

Collect
- IPCC (reviews and assess worldwide produced information)
- UNESCO-IHE (increasing knowledge)
- UNDP-GEF (development and management, promoting, designing and implementing activities on global environment facility)

Produce
- UNEP (developing environmental instruments)
- WMO (policy-making)

Propagate
- UNEP (assessing conditions and trends)
- NYO (represents UNEP in meetings)

Exchange
- UNEP (transfer knowledge, encouraging new partnerships)
- GMEF (forums)
- UNFCCC (meetings, analyses & exchange practices)
- WSSD (meetings government & NGO's)
- IPCC (different viewpoints are reflected in meetings and IPCC reports)
- CSD (high level forum)

UN economic & social council

DESA-DSD
ARCHITECTURE & ‘GREEN’ TECHNOLOGY
WINTER MODE (VENTILATION)
WINTER MODE
SUMMER MODE (HEATING)
SUMMER MODE (VENTILATION)
SUMMER MODE
- Raised floor
- Pressure layer (in situ concrete)
- Hollow slab floor (280mm) with concrete core activation
- Lowered ceiling (expanded metal)

- Steel hatbeam
- Vapor barrier
- Thermal insulation
- Water repellent layer (vapor permeable)
- Controlable sunblind
- Insulation
- Perforated aluminum cladding