

PLANNING FOR CLIMATE CHANGE AND RAPID URBANISATION

# CONTINUING PROFESSIONAL DEVELOPMENT, LECTURE SERIES FOR PROFESSIONALS

**Thank you for joining!**

**This lecture will begin shortly, at 11:00am UTC, 12:00noon BST**



Image credit:  
Morley von Sternberg for Allies and Morrison

# Lecture Series

## Overview of the seven lectures forming part of this series:

- 1. Introduction to the UN 2030 Sustainable Development Goals**, Mina Hasman, SOM  
Provides an overview of the UN 2030 SDGs together with other related international agreements, and describes the importance of the Goals for Built Environment Professionals.
- 2. Planning for Rapid Urbanisation**, Ben Bolgar, The Prince's Foundation  
Outlines a framework for use in secondary cities which are experiencing rapid growth but which may have little or no access to professional planning expertise.
- 3. Planned City Extensions**, Alfredo Caraballo, Allies and Morrison  
Provides a reminder of key master-planning and urban design principles such as: site analysis, micro-climate design, density, mixed use, walkability etc.
- 4. Resilient Infrastructure**, Ian Carradice, Arup  
Explains the context, relevance and drivers to develop resilient infrastructure by adopting an integrated design approach and considering planetary solutions to address climate related challenges..
- 5. Climate Responsive Design**, Peter Clegg, Isabel Sandeman and Rachel Sayers from FCB Studios, and Rafiq Azzam, Shatotto  
Part one is focused on 'A Manifesto for delivering Climate Responsive Design', and Part Two, entitled 'Collaborating for Sustainable Development', provides a case study of how the principles of Climate responsive design have been used on a project in Bangladesh to create an inspiring and comfortable educational environment for the Aga Khan Academies Unit.
- 6. Heritage-led Regeneration**, Geoff Rich, Feilden Clegg Bradley Studios  
Describes the value of heritage led regeneration in terms of the reuse of existing buildings, and the potential to generate social and economic development.
- 7. Sustainable Outcomes Guide**, Gary Clark, HOK London Studio  
Provides a practical explanation of the outcomes that need to be delivered if we are to achieve development which is sustainable. Includes meaningful, measurable targets and associated metrics.



# **‘Tourist Burma’ building, Yangon, Myanmar**

**Heritage-led regeneration**

**Geoff Rich  
Harry Wardill  
Mountain**

**Architect, Feilden Clegg Bradley Studios  
Client and Project Manager, Turquoise**

**6<sup>th</sup> August 2020**



**TURQUOISE MOUNTAIN**

**FeildenCleggBradleyStudios**







# Key Aims and Outcomes of the Tourist Burma project

- 1: Create a new social space (for activities, conversations and learning)
- 2: Economic benefits (e.g. space, jobs, businesses and area regeneration)
- 3: Maximise training opportunities (target 500+ young people)
- 4: An exemplar of sustainable development benefits for Yangon



**1. Introducing the project**

**2. Planning the Approach**

**3. Works on site**

**4. Key outcomes (so far...)**

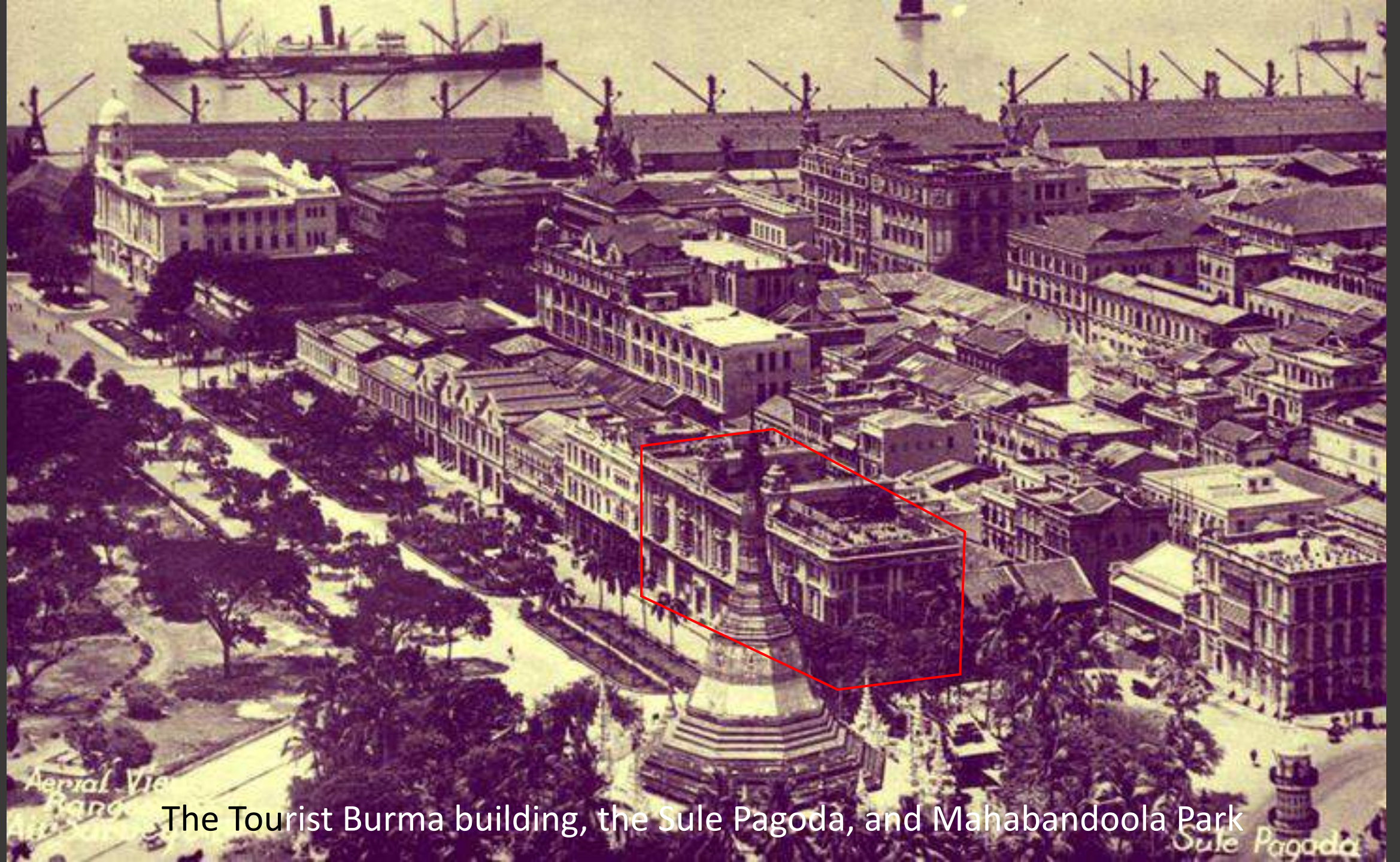


'Tourist Burma' building



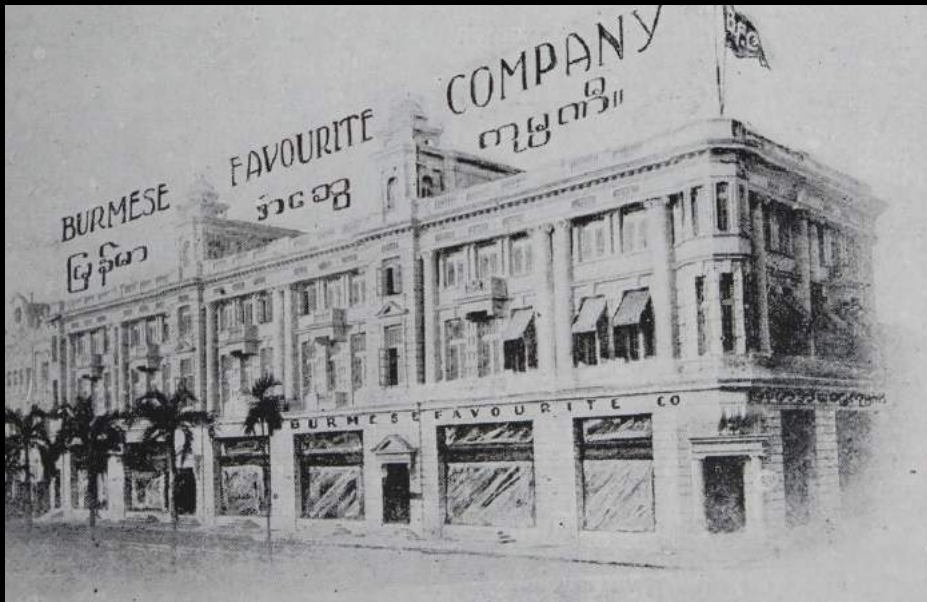
One of the most important landmark buildings in Yangon's downtown





The Tourist Burma building, the Sule Pagoda, and Mahabandoola Park





'Burmese Favourite Company' department store



The building under construction c1904



Bomb damage after World War II



The building as a backdrop to the uprisings in 1988














1. Introducing the project

**2. Planning the Approach**





# TURQUOISE MOUNTAIN

AFGHANISTAN MYANMAR SAUDI ARABIA JORDAN

We have transformed Murad Khani, a district of the Old City, from slum conditions into a vibrant cultural, educational and economic hub.

VISIT

We are restoring the first heritage buildings in downtown Yangon, supporting artisans and reviving traditional crafts across the country.

VISIT

We are building project partnerships that provide artistic, technical and economic opportunities for artisans, and spur the growth of the craft industries.

VISIT

We are working with master artisans to support regional traditional craft enterprise and to reconnect thousands of children and families with heritage.

VISIT







Design workshop and training session with Yangon building professionals prior to works



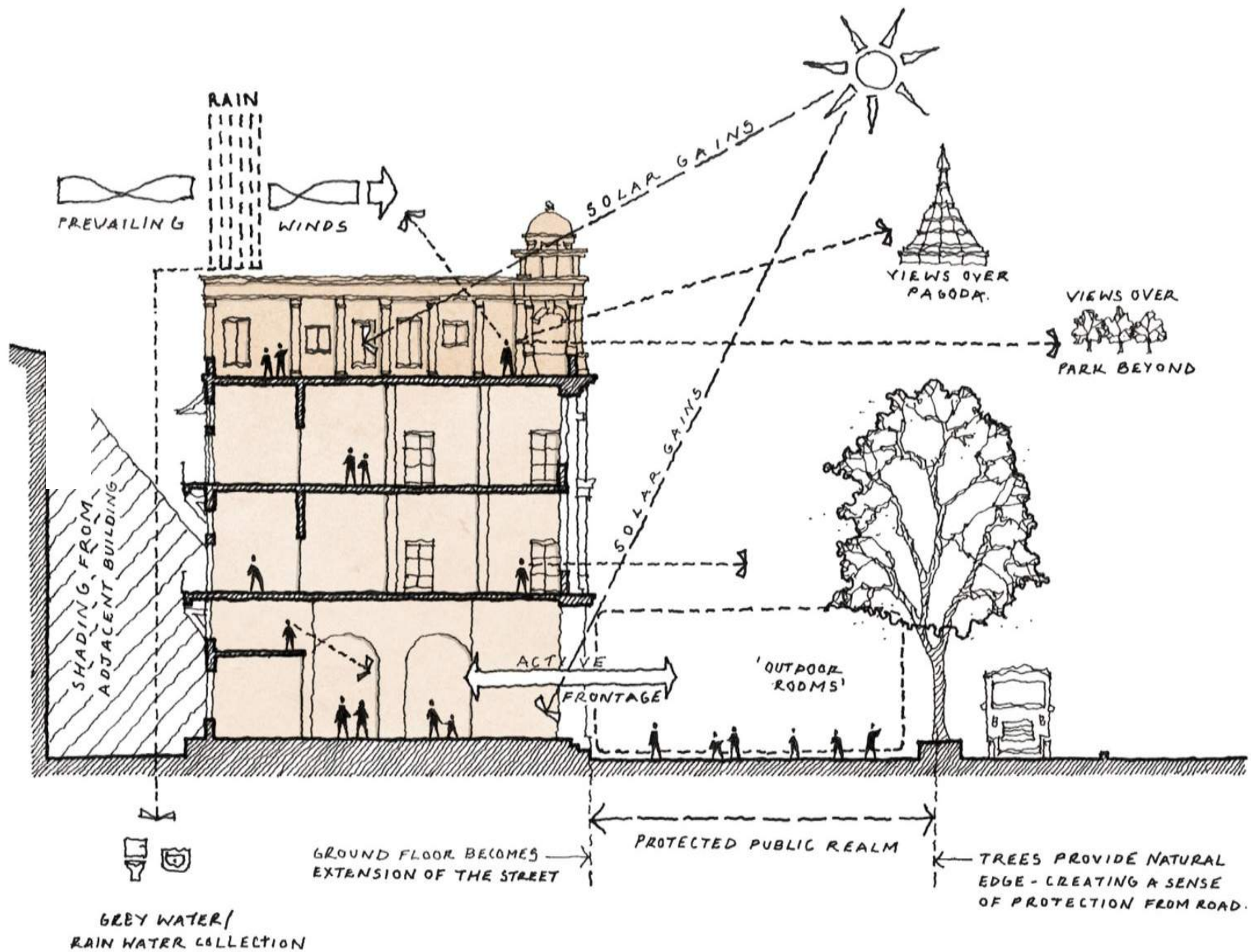


Collaborative design



Skills training





Schematic design and environmental strategy





Bringing the building alive with active uses on each floor and onto the streetscape





Ground floor: Restoring key spaces with a sensitive approach to environmental management





First floor: New income-generating office space



ILLUSTRATIVE VIEW 01



External spaces provide accessibility and re-connect to the street





New rooftop spaces provide a new views over key spaces in Yangon's social history



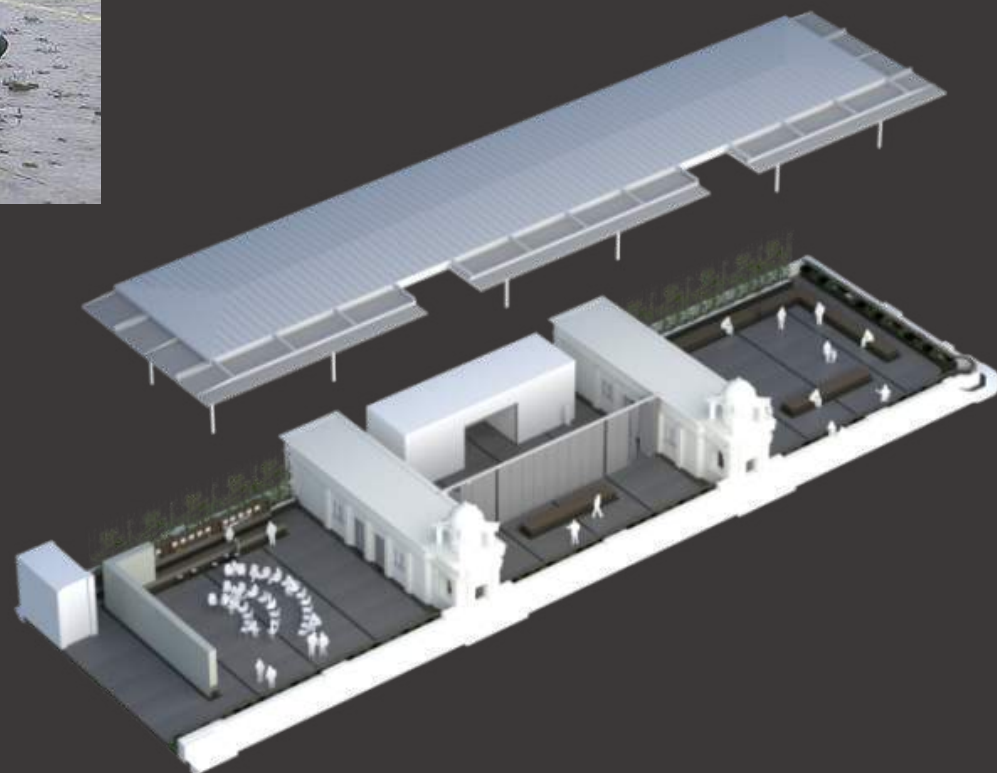


1. Introducing the project

2. Planning the Approach

**3. Works on site**





Construction of the new roof terrace (in the monsoon)





Traditional lime repairs to restore the architectural detail of the main facade





Repairs and reinstatement of copper sheet roofing





Traditional limewash mixed on site as a sympathetic paint finish for the main facade





Repairs to existing cast iron spiral stairs - and teak winding staircases





Re-making windows and re-glazing of the main facade





Repair and roiling of the traditional teak floorboards to upper floor rooms





Repairs to the colourful 'Mintern' floor tiles, which were manufactured in the UK





**1. Introducing the project**

2. Planning the Approach

3. Works on site

**4. Key outcomes (so far...)**



BEFORE and AFTER...

Street Frontage







Street Frontage





Architectural detail





Architectural detail





Roof space



Roof space







Office space





Office space





Ground floor spaces





Ground floor spaces





Ground floor spaces





Ground floor spaces





Key Outcome 1: A new social space for activities, conversations and learning





Key Outcome 1: A new space for activities, conversations and learning





Key Outcome 2: Economic benefits in space, jobs, businesses, area regeneration





Key Outcome 3: The project offered training to 500+ young people

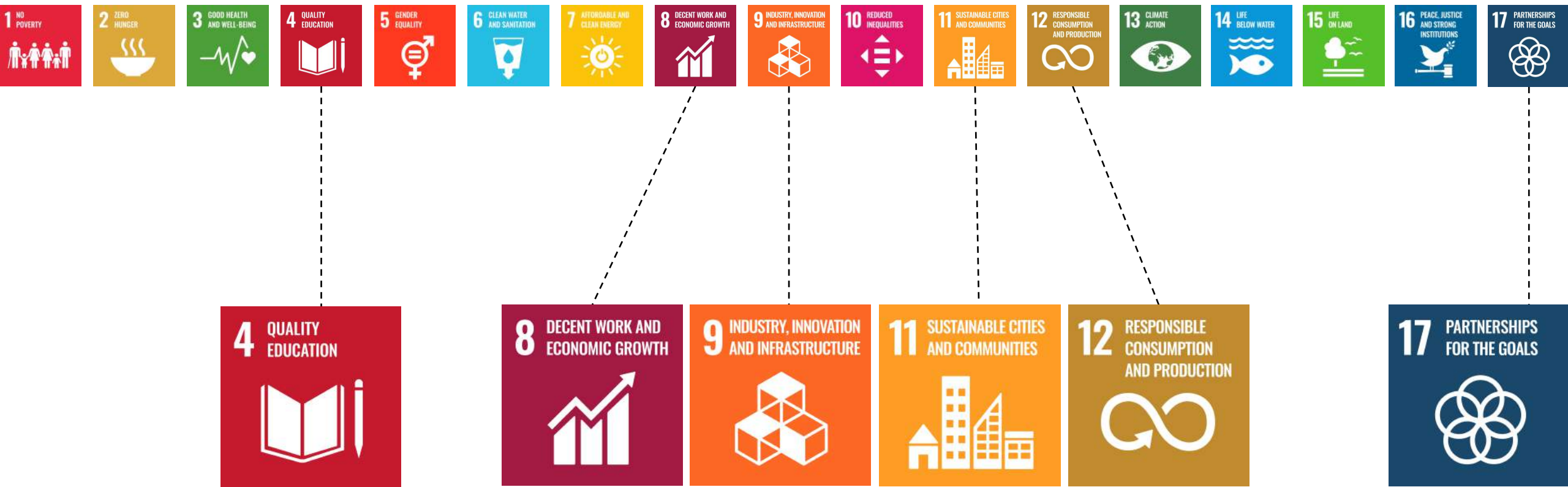




Key Outcome 3: The project offered training to 500+ young people



The 17 UN Sustainable Development Goals



Tourist Burma Building, Yangon, Myanmar: education, prosperity, infrastructure, cities and communities, efficiency, participation

Key Outcome 4: The project is a contribution to sustainable development in Yangon





Key Outcome 5: 'Seeing is Believing'





Key Outcome 5: 'Seeing is Believing'





Key Outcome 5: 'Seeing is Believing'



THANK YOU FOR LISTENING

For further information:

Feilden Clegg Bradley Studios

[www.FCBStudios.com](http://www.FCBStudios.com)

Turquoise Mountain

[www.TurquoiseMountain.org](http://www.TurquoiseMountain.org)



TURQUOISE MOUNTAIN

FeildenCleggBradleyStudios



# Commonwealth Association of Architects

## Engaging with the UN 2030 Sustainable Development Goals

We hope you found this lecture of interest and that you will be interested in the other lectures in this series:

- 1. Introduction to the UN 2030 Sustainable Development Goals**
- 2. Planning for Rapid Urbanisation**
- 3. Planned City Extensions**
- 4. Resilient Infrastructure**
- 5. Climate Responsive Design**
- 6. Heritage-led Regeneration**
- 7. Sustainable Outcomes Guide**

The Commonwealth Association of Architects would like to extend its thanks to all the contributors for their support in the creation of this pilot programme. The CAA welcomes feedback together with suggestions for future topics and would be pleased to hear from subject matter experts from around the Commonwealth who may be interested in contributing future material.

For this or any other issue, please contact: [admin@comarchitect.org](mailto:admin@comarchitect.org)



Thank you for joining!

@comarchitect

[www.comarchitect.org](http://www.comarchitect.org)

[admin@comarchitect.org](mailto:admin@comarchitect.org)

[www.commonwealthsustainablecities.org/cpd](http://www.commonwealthsustainablecities.org/cpd)