EAUC | DR NIKOLAS THOMOPOULOS | 18/9/2023

REALIGNING CURRICULA FOR THE FUTURE: INTEGRATING SUSTAINABILITY

TRANSPORT & TOURISM

UNIVERSITY OF SURREY

OVERVIEW

- **Objectives**
  - Curriculum design review for sustainable hospitality and tourism
  - Integrate sustainability in 21st century pedagogy
- **Institution**
  - Top-50 THE Impact Rankings assessing institutions against the UN-SDGs
  - School ranked 1st in the UK and 2nd in the world (Shanghai Global)
- **Programme of studies**
  - BSc International Tourism Management
  - BSc International Tourism Management with Transport
- **Module aims**
  - Understand the social, economic and environmental dimensions of international transport planning and policy making
  - Apply relevant concepts and theories to meet sustainable goals through local, national and international transport plans & policies
  - Improve analytical, communication and team working skills through information gathering, material synthesis and group coursework

International Transport Planning & Policy

INTERNATIONAL TRANSPORT PLANNING & POLICY

MODULE DESIGN

MODULE DESIGN

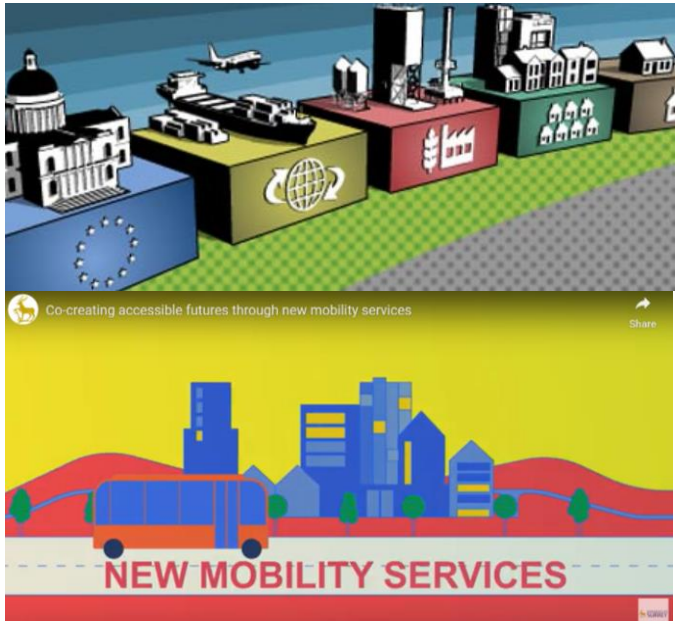
- **Policy making skills**
  - Embed in module assessment
  - Develop through hands-on activities
- **Contents**
  - Define sustainability
  - International case-studies
  - Play climate change game in groups
  - Excite students through ongoing projects
- **Module design**
  - Dual assessment
  - Guest lectures by experts
  - Embed a Living Lab approach
  - VARK delivery: Consider and reflect
- **Activities**
  - Site visit to support place-based learning
  - Research and draft Policy Brief
  - Arrange to present at policy event
  - Follow up with policy makers
  - Link activities with SDGs e.g. SDG-11

COST ACTION CA16222

WISE-ACT

Wider Impacts and Scenario Evaluation of Autonomous and Connected Transport

OPEN LIVING LAB DAYS



SUSTAINABILITY INTEGRATION

- **Sustainability pillars**
  - Environmental e.g. air pollution due to travel
  - Economic e.g. transport infrastructure assessment
  - Social e.g. inclusive transport and tourism

- **VARK options**
  - Watch project videos
  - Listen to sustainability experts
  - Read policies and project reports
  - Visit transport and tourism hotspots e.g. ULEZ

Goals

11

Make cities and human settlements inclusive, safe, resilient and sustainable

← Previous Next →

Institute for Sustainability
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IMPLEMENTATION

Barriers

- Student attendance
- Expert availability and event alignment
- Diverse student focus on e.g. transport mode
- Variable student interest about local / global case-studies
- Time and cost limitations
- Technology
- Weather

Suggestions

- Timely activity planning linked with e.g. place-based approaches
- Excite students through real world local / global projects or experts
- Organise site visit to offer hands-on experience

Opportunities

- Increasing student interest about sustainability
- COVID-19 aftermath and desire to travel
- Tourist sites in the area e.g. London
- Surrey + Southeast policy context

NEXT STEPS

- **Tips**
  - Use all available resources
    e.g. projects, technology, experts, events
  - Plan – Plan – Plan and have a Plan-B
  - Stress the time needs to students
  - Engage with LLs e.g. at Surrey
  - Check out available L&T material

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- **Thank you – Q&A**
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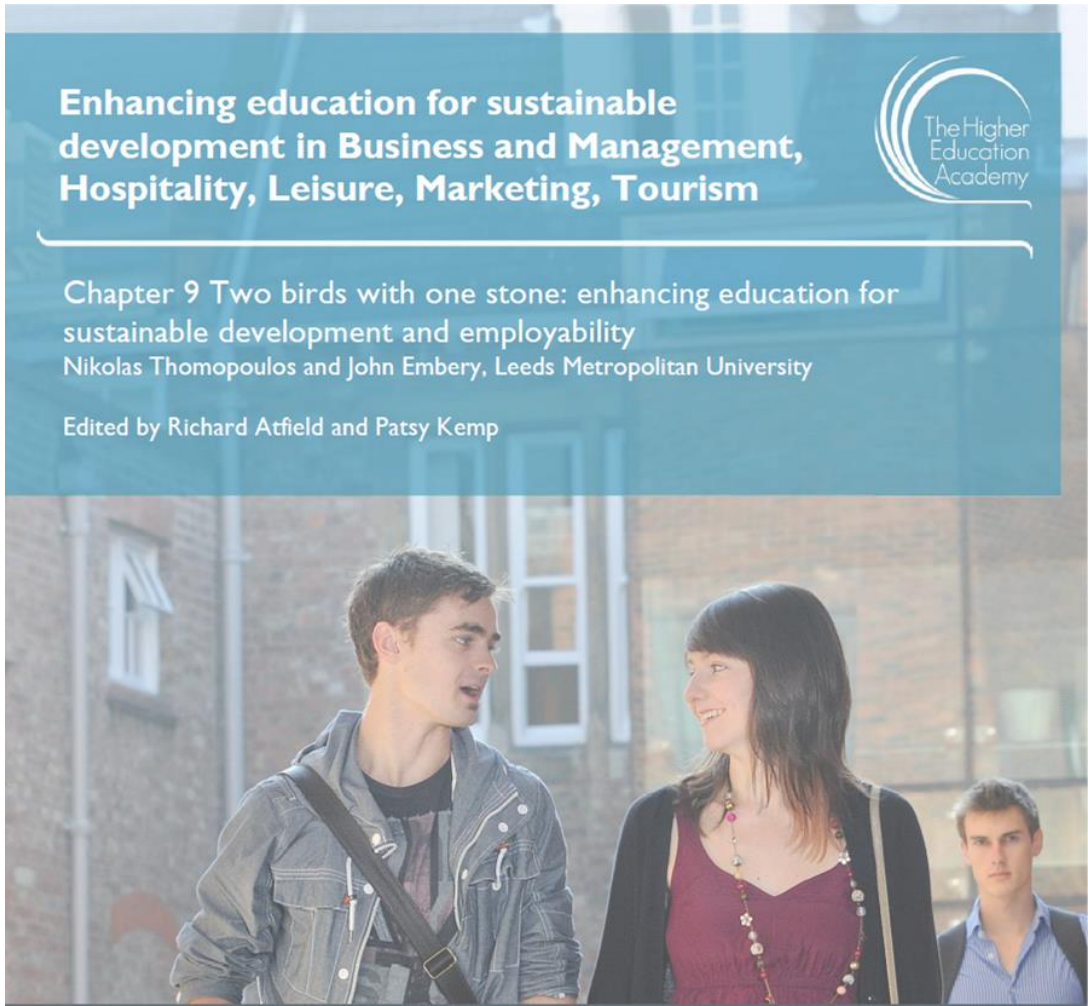

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