

VP Experience at Brighton

School of Environment – Prof Peter Gardiner

Research Student - Neil Carrett

VP - Barrie Mould (beginning Year 4)

Area - Built Environment

Overview

□ CASE STUDIES

- Completed – Shoreham Harbour
Croydon Tramlink
- Planned - possibly “Bluewater”

□ FORMAT OF DELIVERY

- 1st year Lectures,
- 2nd Year BEng ½ modules, MEng Module
- 3rd Year MEng Integrated Case Study Module
- 4th Year MEng Integrated Case Study Module

□ ASSESSMENT OF OUTCOMES TO DATE

- Neil Carrett’s MPhil and PhD activity

Case Studies - Shoreham Harbour



- ❑ Well documented site with lots of planning and industrial history including land contamination
- ❑ “Linear” site with significant number of interesting locations so that background information is relevant to more than one study area.
- ❑ Significant conflicting issues relating to employment, recreational, commercial interests, all overshadowed by transportation and access issues
- ❑ Good support from LAs, planning groups and Press in preparing material – census material helpful for socio –economic background.
- ❑ Key site being redeveloped from former coal fired power station use to CCGT.

Case Studies - Croydon



- Well documented site with lots of planning history including social and transport surveys
- “Linear” site with significant number of interesting locations so that background information is relevant to more than one study area.
- Fewer conflicting issues but much greater impact on population during construction and use
- Good supporting information from LA, local Library and “rail” enthusiasts
- Developed with lots of thought to Sustainability issues such as access, security, economic impact etc.
- Its there and the students can go and ride on it to the key study locations.

FORMAT OF DELIVERY



- 1st year Lectures
 - General SD issues as part of “Society and environment issues”
- 2nd Year (2001)
 - BEng Shoreham 1 week intensive case study
 - MEng Croydon Integrated project ½ semester
- 3rd Year MEng Integrated Case Study Module
 - Croydon Case study (with role play?)
- 4th Year MEng Integrated Case Study Module
 - Integrated Case study within design project

- VP presents and leads Seminars with other Groups e.g. staff and EIA MSc students

ASSESSMENT OF OUTCOMES

- ❑ Standard post lecture/course assessments including critical appraisals
- ❑ Neil Carrett's MPhil and PhD activity includes:
 - ❑ Before and after interviews with students (or selections of them) with all student groups
 - ❑ Questionnaires to support the interviews and widen the inputs
 - ❑ Interviews with other VPs on their experience
 - ❑ Literature research to understand how use of engineering case studies is assessed elsewhere – aim to improve our own research assessment tools.