



Albert Dock, Leith, Edinburgh  
(Richardson, 2016).

# Advanced Studio

## Sustainable Design

# Edinburgh

Teachers: Prof. Dietrich Schwarz and David Kloeg  
MSc Arch, Advanced Studio Sustainable Design, in English, twice a year, 16 ECTS, taught in 144 units of 45min, 372 hours of self study time, 75% of compulsory attendance with continuous assessment, midterm and final reviews, grading weight: 80% design project, 20% final presentation.

### Harbour District of Leith

In this semester we turn our attention to Edinburgh's harbour district. The transformation process in Leith is already well underway. It is characterized by the replacement of outdated industrial and port facilities with modern residential, cultural, and leisure facilities, alongside the addition of a new tram line. The urban planning approach emphasizes sustainability, quality of life, and the creation of integrated communities.

This serves as an opportunity for us to rethink urban life and its built form. We are seeking a new urban building block that enables residents to lead a (self-)sufficient and high-quality life. Key themes include net zero, energy autonomy, the 15-minute city, new communities, circular food production, permaculture, and self-determined living.

The goal is the **One-Planet-Society (OPS)**!

In this endeavour, we are collaborating with the University of Edinburgh and the Edinburgh College of Art. Specifically, Professor John Brennan, Programme Director of the MSc in Advanced Sustainable Design, will provide us with relevant on-site insights. Additionally, we will gain access to student projects from his studio.  
<https://www.eca.ed.ac.uk/profile/prof-john-brennan>

Our excursion will also take us to Scotland and Edinburgh. We will explore and document the harbour area, visit the city's landmarks, and, of course, tour the historic College of Art.