



UNIVERSITÀ
DEGLI STUDI
DI TRIESTE

Regulatory Framework and Building Energy Design

Prof. Amedeo Pezzi

Engineering and Architecture
Department

Some information about this course

Part of the *GREEN BUILDING DESIGN* course (9 CFU)

Language used during the lessons: English

Course duration: 24 hours → 3 CFU

Educational material and course program: available on Moodle

Lessons timetable: Wednesday, 4.30 p.m. – 6 p.m. without half lesson break

Student reception: Wednesday, right after lesson

Exam methods: oral exam

Lessons will be recorded and made available on Teams

Teacher contact: amedeo.pezzi@dia.units.it

Course program

Introduction to regulatory hierarchy

EU 2024/1275 Directive “*Energy Performance Building Directive (EPBD)*”

EU 2024/573 Regulation “*Fluorinated greenhouse gases (F-GAS)*”

Italian Interministerial Decree 26 June 2015 “*Application of energy performance calculation methodologies and definition of the minimum requirements of buildings*”

 Upcoming changes due to regulatory update

Brief excursus on the Regional Regulation FVGreen and Regional Energy Plan

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Climate change impact on heating and cooling energy consumption

Brief excursus on simulation models impact on the evaluation of energy consumption

Energy buildings design → energy efficiency solutions and their implementation

BUILDING
ENERGY
DESIGN