FH MÜNSTER
University of Applied Sciences

MSA FB Architektur
Münster School of Architecture

Master

Summer 22

p.r.n. Photo Credits

ma.wm.2 Elective Module

Course

Energy Concepts / Low-Tech / High-Tech

Lecturer

Prof. Dipl.-Ing. Markus Pfeil

Title

What distinguishes low-tech from high-tech energy concepts? Where are the limits? Which approaches lead to sustainable and climate-neutral solutions?

- Familiarization with the topic of holistic energy concepts
- Research, understand, present and discuss projects
- Get to know the methodology of the knowledge pool "active and passive blocks".
- Day excursion to a reference project
- Analyze the energy concept or alternatively the technology, prepare it graphically and textually for entry into the digital knowledge pool
- Examination: presentation, evaluation and presentation

Course Desription

Smart Bauen
de Saldanha, Mike
Fraunhofer IRB Verlag (2021)

Performance von Gebäuden
Voss, Herkel, Kalz, Lützkendorf, Maas, Wagner
Fraunhofer IRB Verlag (2016)

Recommended Reading