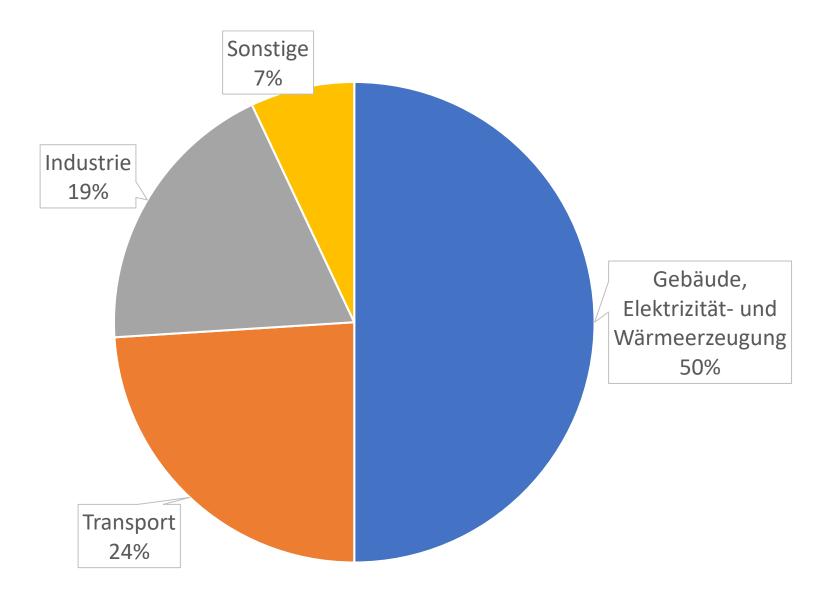




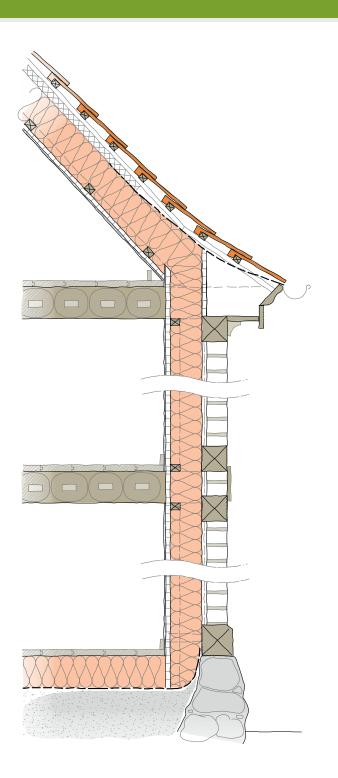
Verteilung der energiebedingten CO2-Emissionen weltweit nach Sektor im Jahr 2016







Sanierung Fachwerkhäuser Prinzipskizze



Dachaufbau:

- Anstrich/ Putz

- Gipskartonplatte
- OSB - Platte
- UK
- Zellulosefasedämmung
- Holzweichfaserplatte
- Konterlattung/ Lattung
9,5 mm
40 mm
40 mm

- Ziegeldeckung

Wandaufbau:

- Anstrich/ Putz

- Gipskartonplatte 9,5 mm
- OSB - Platte 15 mm
- UK 40 mm
- Zellulosefasedämmung 200 mm

- Lehmputz

- vorhandenesFachwerk



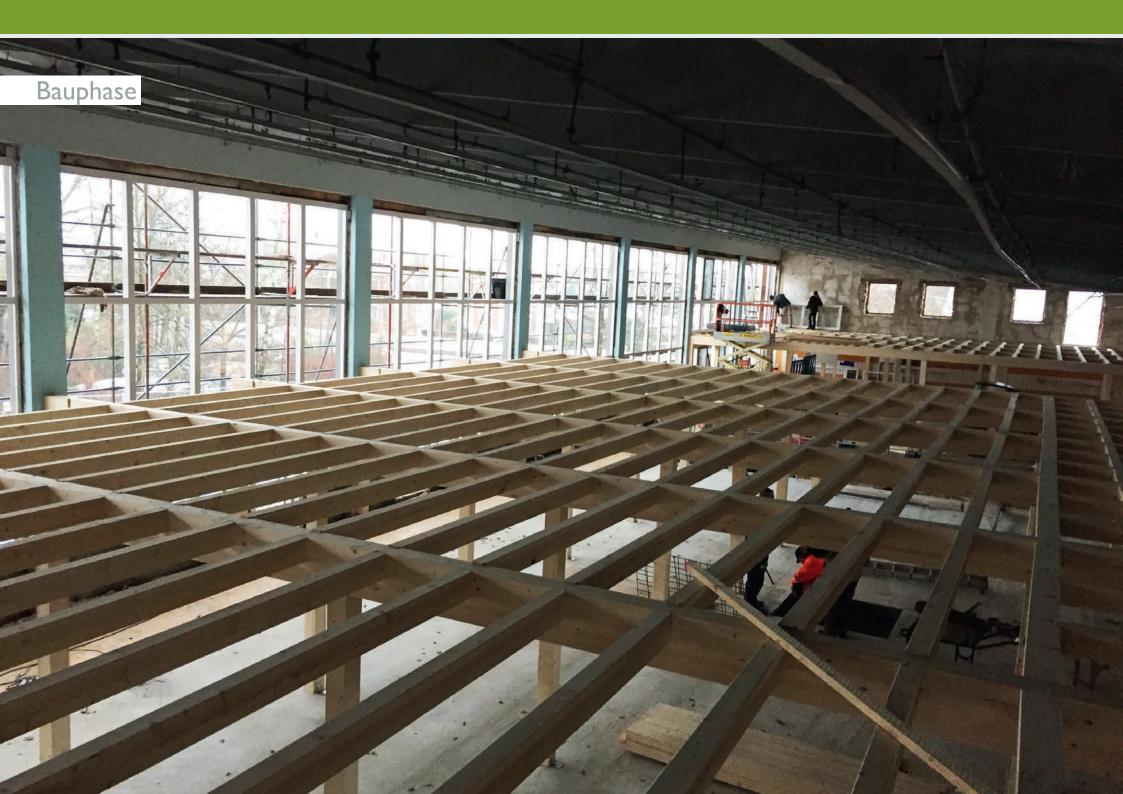








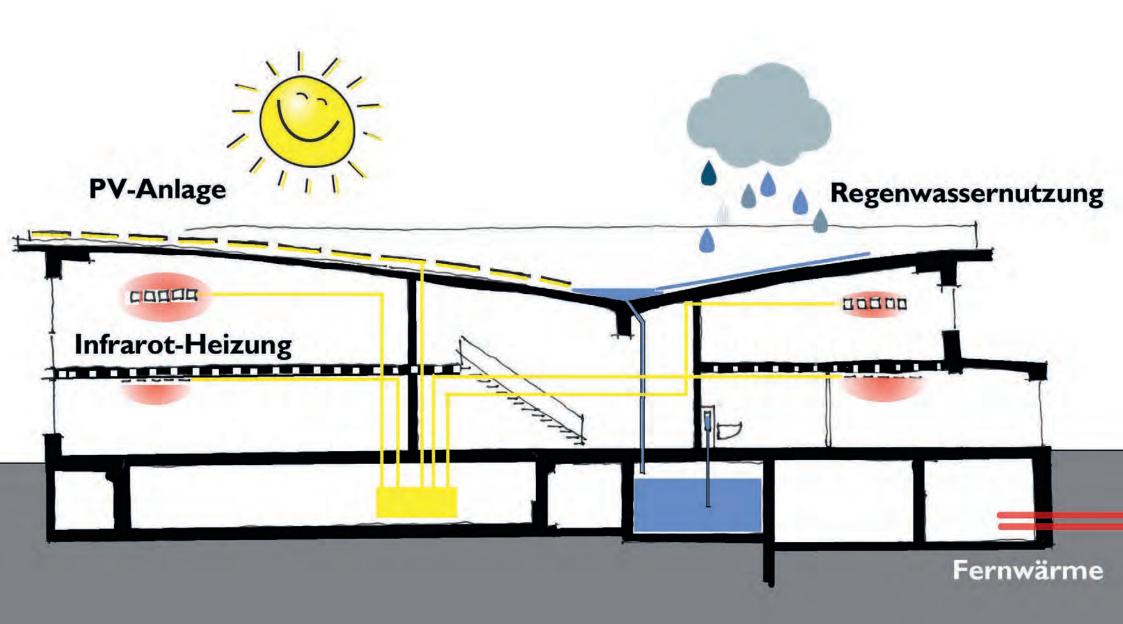


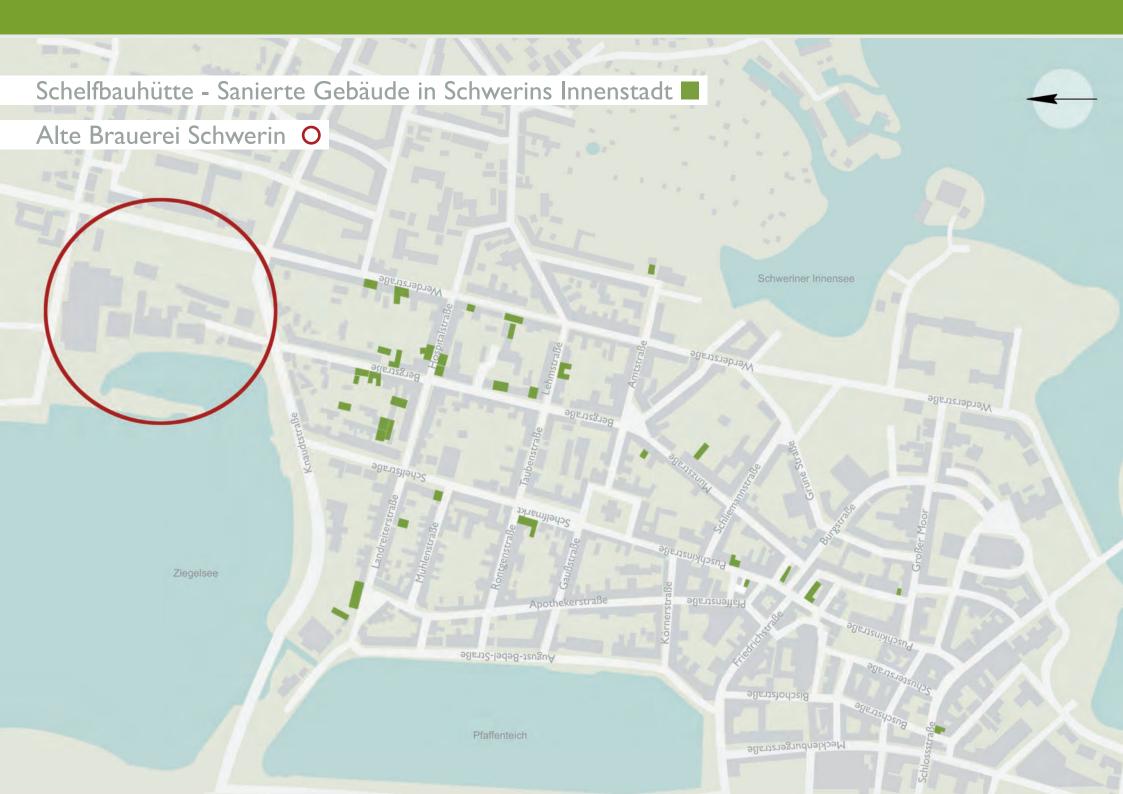


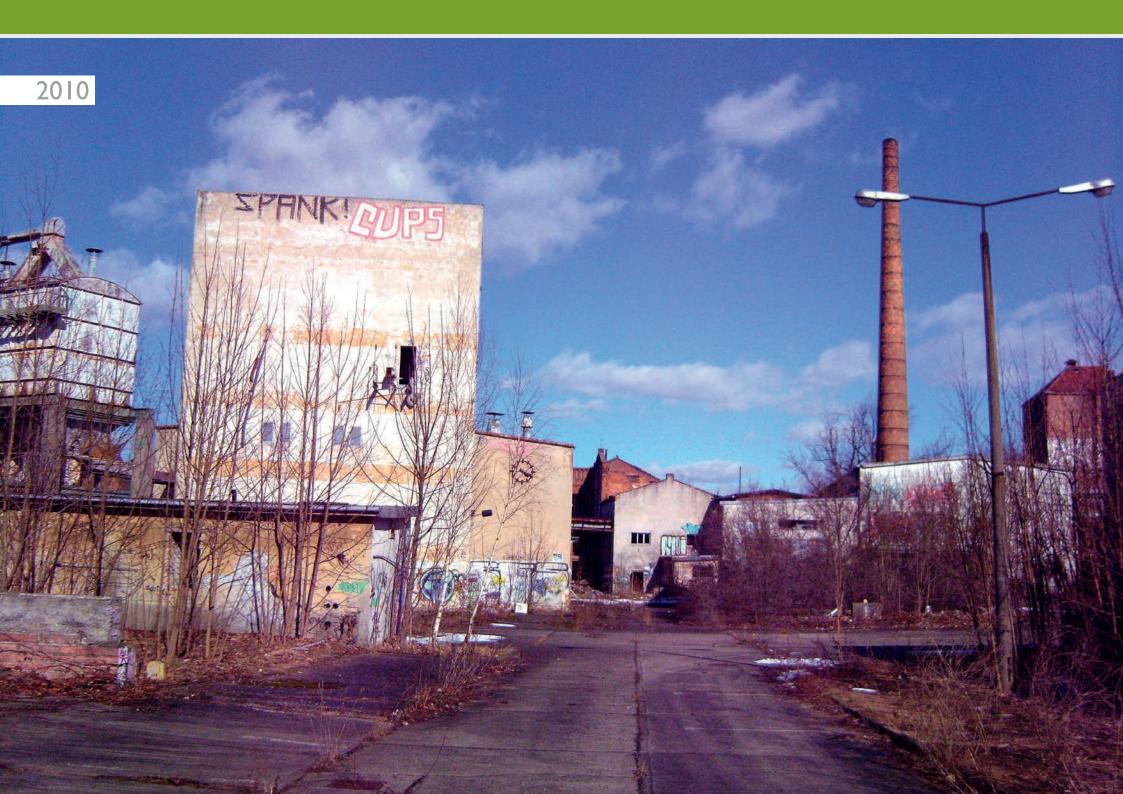


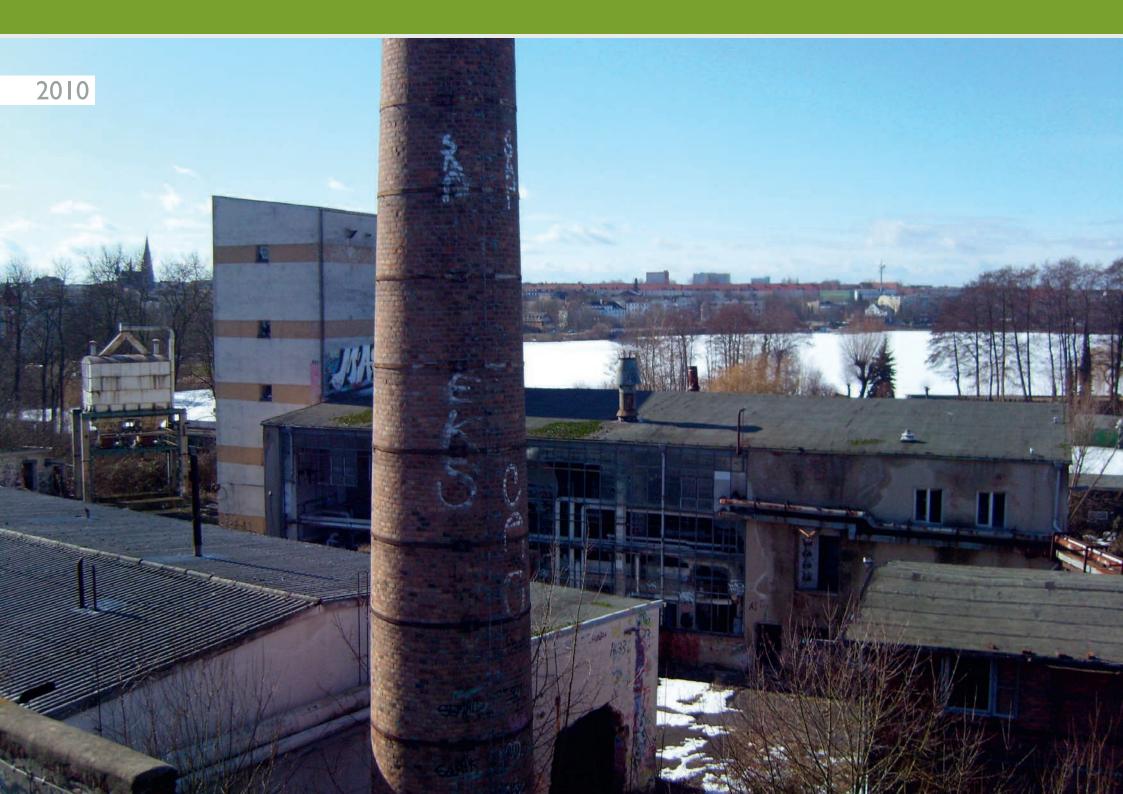


Energieschema









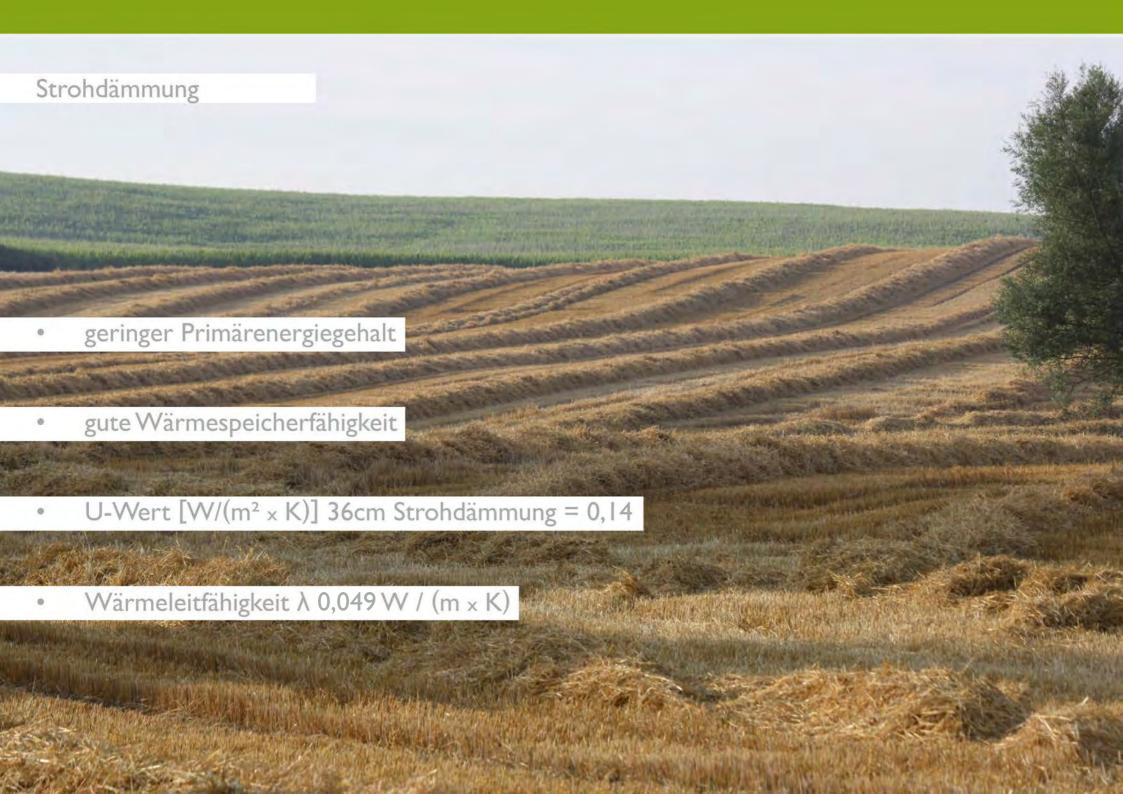




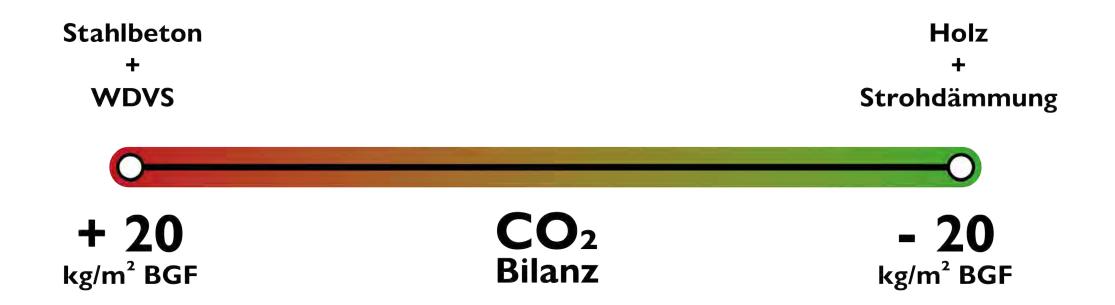














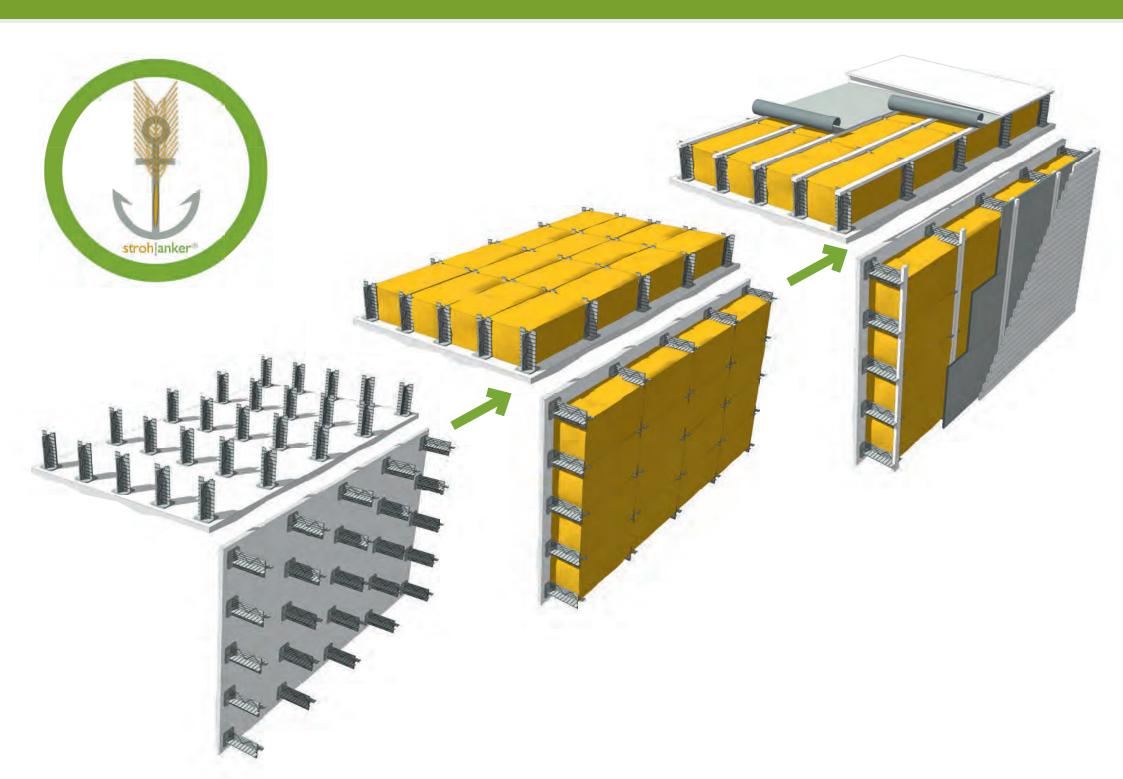


Quelle: Minke, Gernod/Krick, Benjamin: Handbuch Strohballenbau; Grundlagen Konstruktion Beispiele: ökobuch Verlag, Staufen bei Freiburg 2004; 2009 - Seiten 76 und 77 Fotos: 18.10 / 18.14 / 18.12 / 18.17

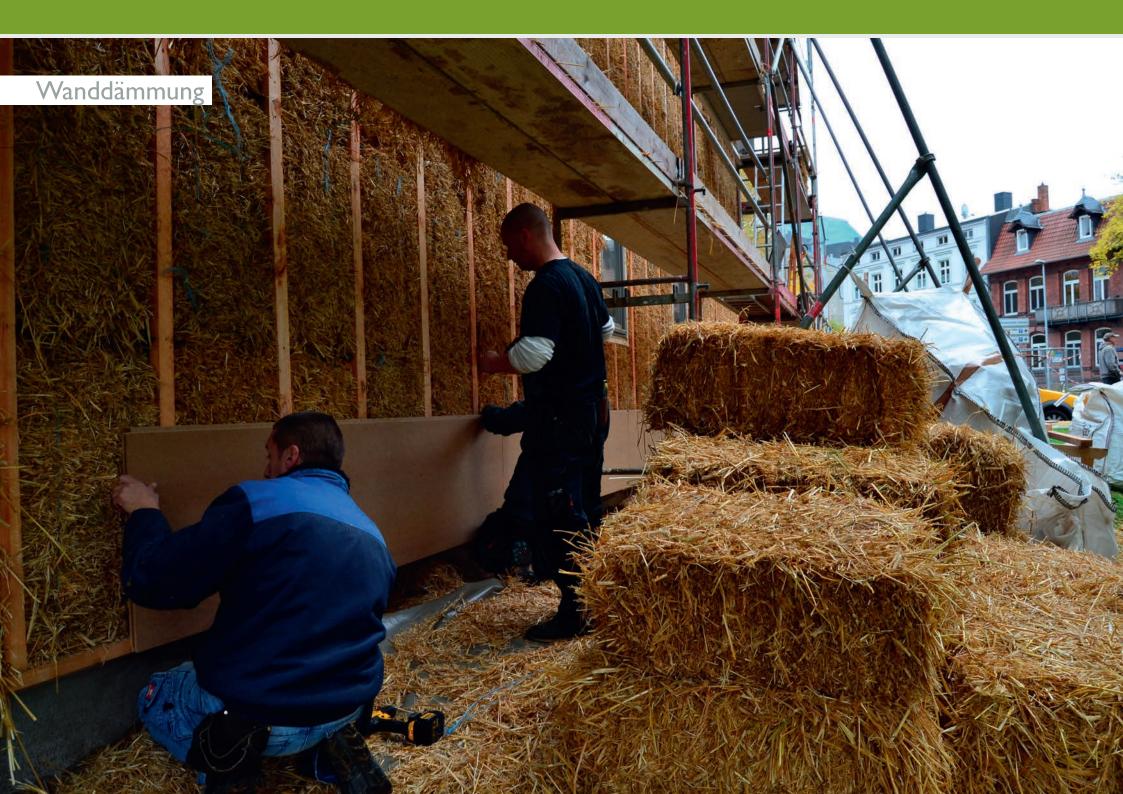


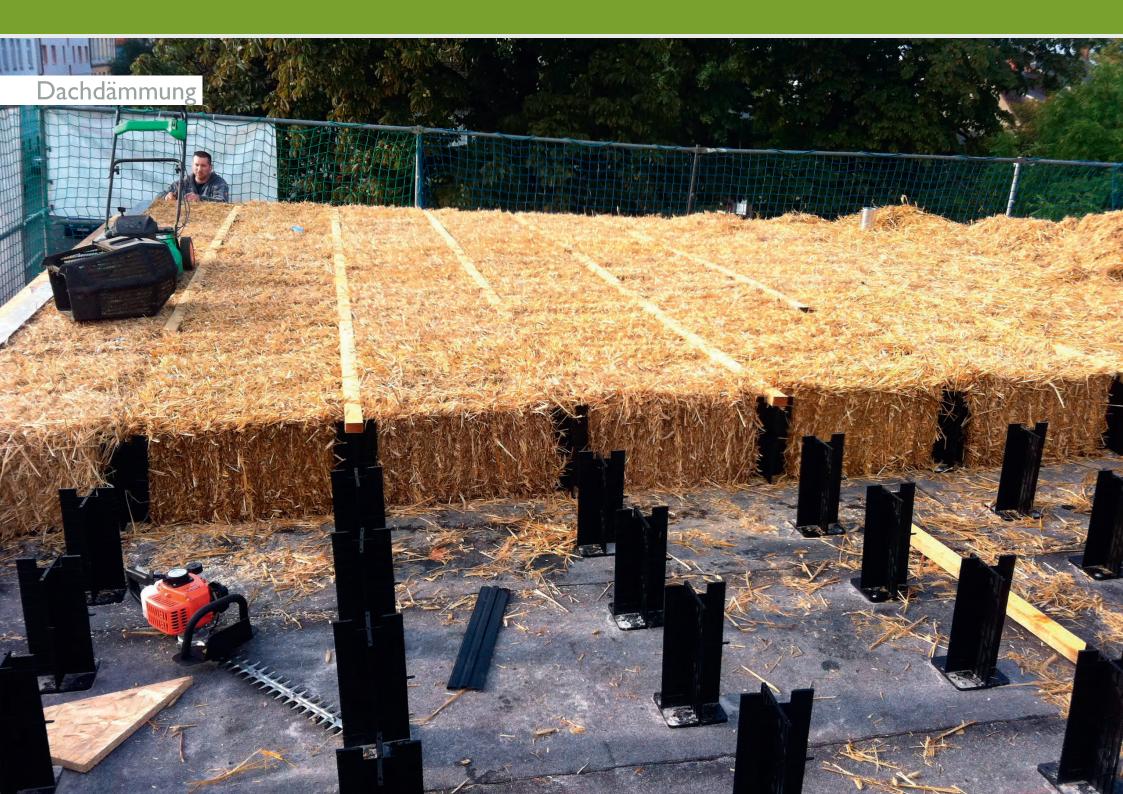




















Konzept - EG



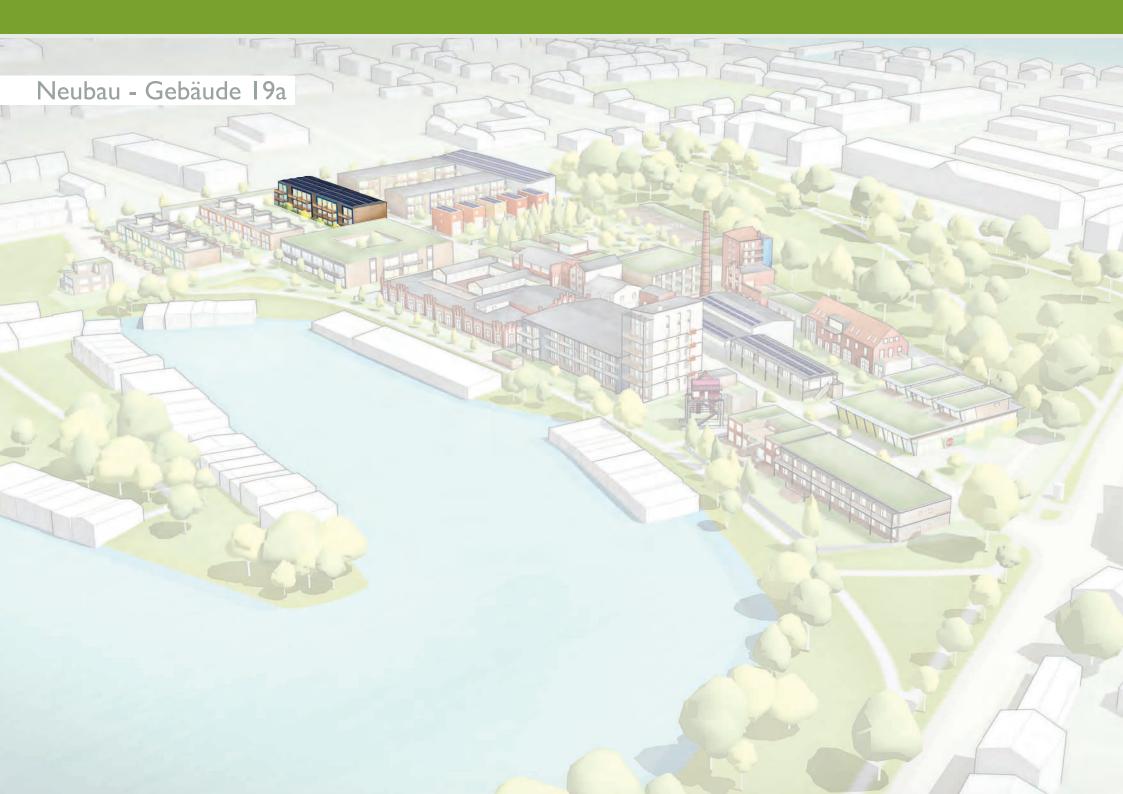




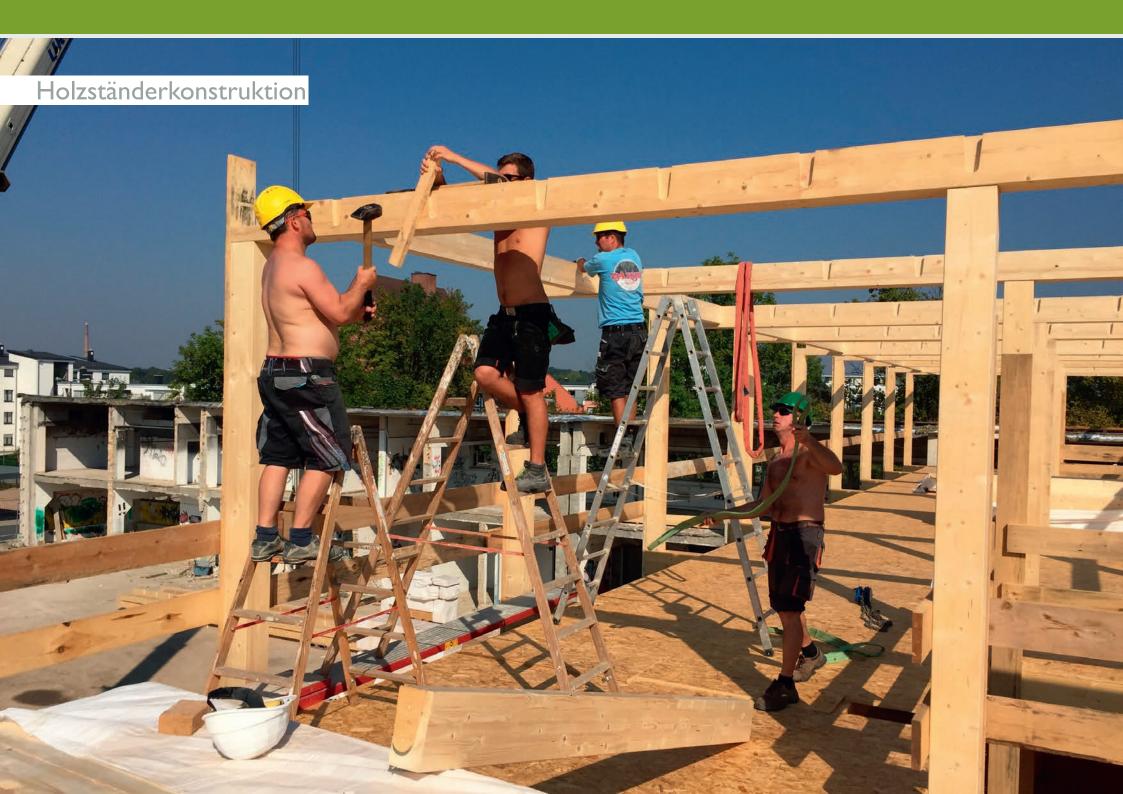






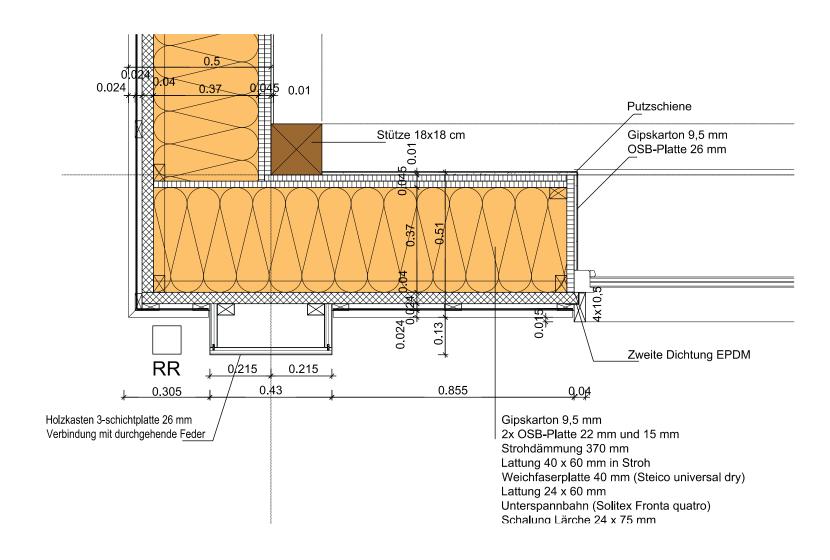








Detail - Ecksituation











Gebäude 19c - Hallenhäuser nach Fertigstellung Innenraum



















schelfbauhütte . zeitgemäß ökologisch bauen

