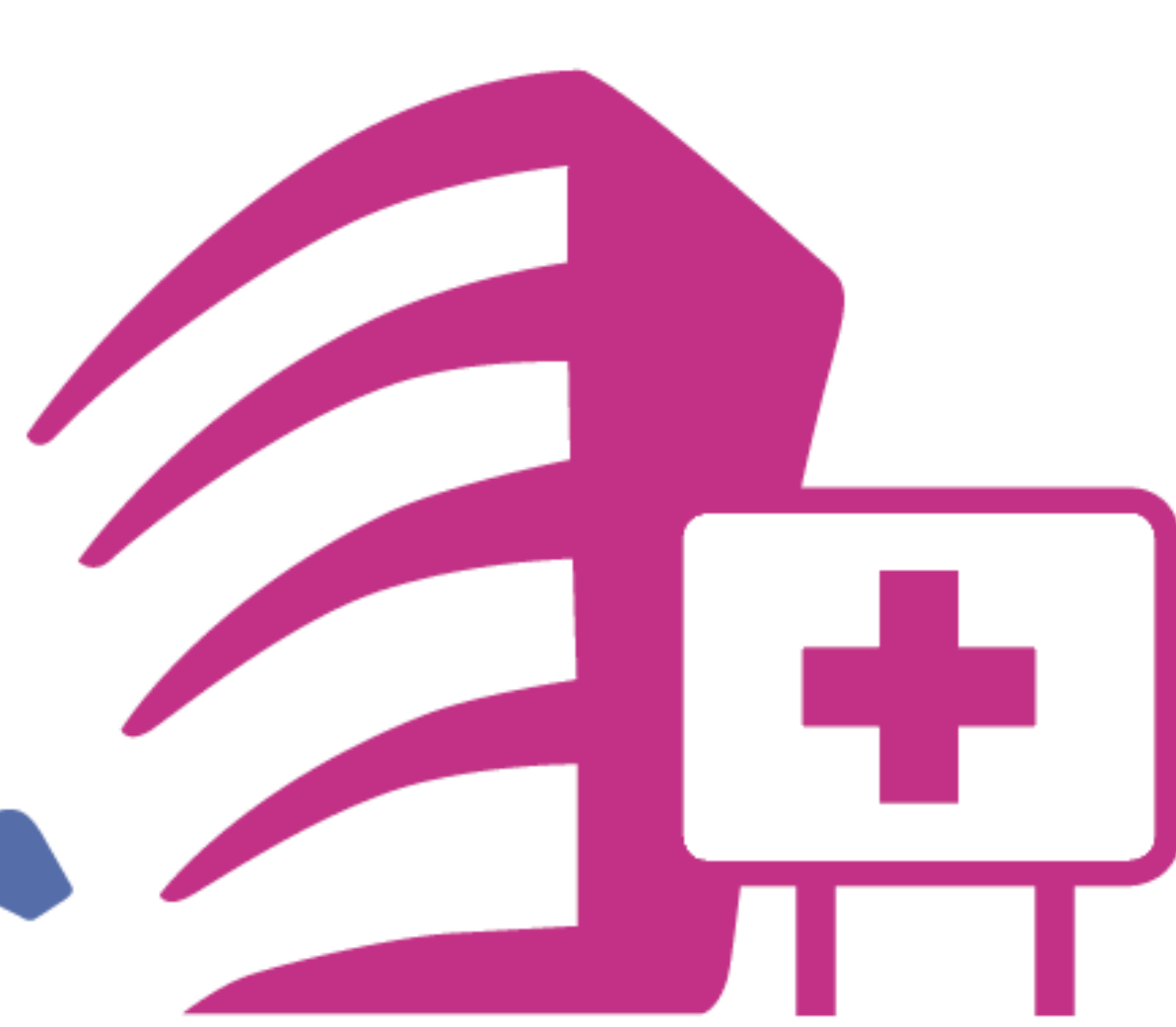


Streamer



European research on energy-efficient healthcare districts

50% reduction of energy use and the CO₂ emissions
of new and retrofitted buildings in healthcare districts



STREAMER

enables to design Energy efficient Buildings integrated in a healthcare district using enhanced
Semantic BIM-GIS methods and tools
for the holistic optimisation of EeB innovations

Geo and
Building
Information
Modeling

photo by ARUP

Semantic-driven
design

EeB design optimisation in 3 levels/areas:

- ➔ Buildings MEP/HVAC systems in relation with high-tech medical equipment
- ➔ Building envelope and spatial layout in relation with new healthcare services
- ➔ Building energy systems in relation with neighbourhood systems

Consortium

Research Institutes



Hospital organizations



Architects and engineers



ICT, Real Estate, Facility



Construction companies



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PROGRAM AREA: EeB (Energy-Efficient Buildings)

