

DR BYEN

丹麦广播公司总部

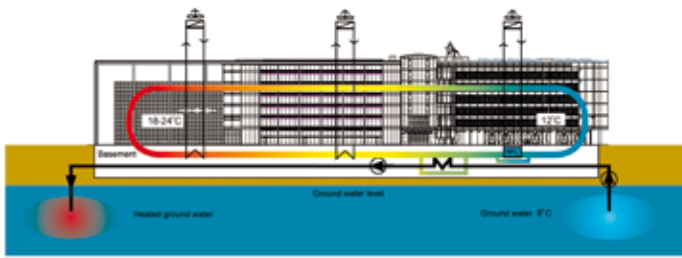
建筑设计 Vilhelm Lauritzen Architects

作为丹麦广播公司的新总部，DR Byen 建筑综合体由5个不同的建筑单体组成，总面积132 500m²，分别由4位不同的建筑师共同参与设计。Vilhelm Lauritzen Architects 获得总体规划竞赛第一名，并负责设计和监理其中最大的一栋建筑和内连接桥，总建筑面积达到了56 000m²。整个项目历时10年，于2009年顺利建成。

DR Byen 作为欧盟支持下的生态建筑，旨在考虑如何将现代IT社会背景下办公建筑建成减少环境影响的示范建筑。如此，可持续性就成为项目从规划到材料选择的主要关注点。设计集中在从复杂的基础设施中创造出紧凑的空间，包括整合自然通风和太阳能板的双层幕墙，由室外空气和地下水、收集的雨水进行冷却，采取区域供热以减少二氧化碳排放等。（译/李昭君）



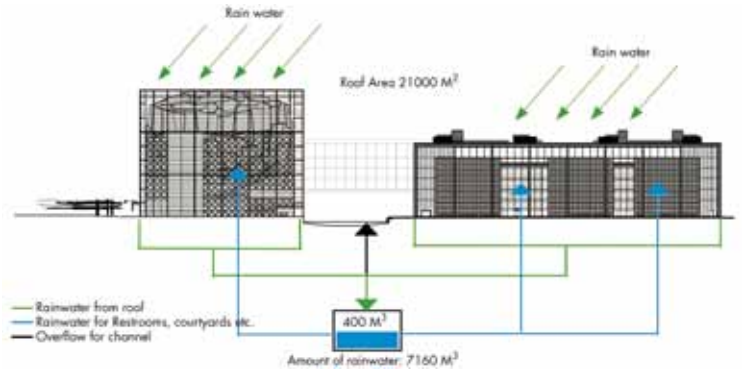


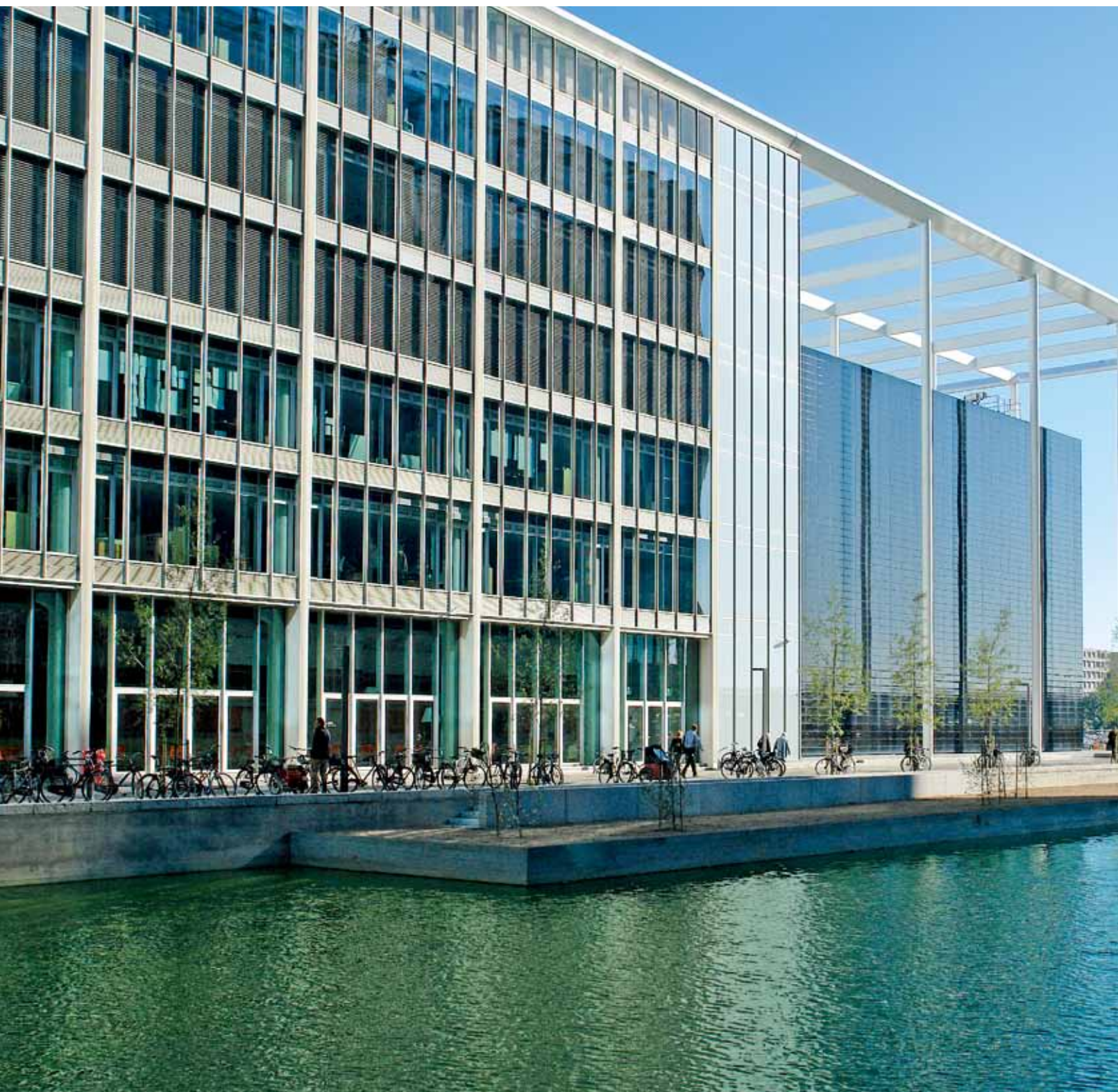


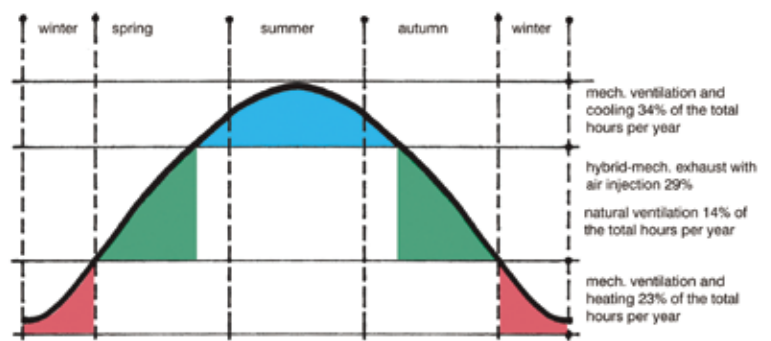
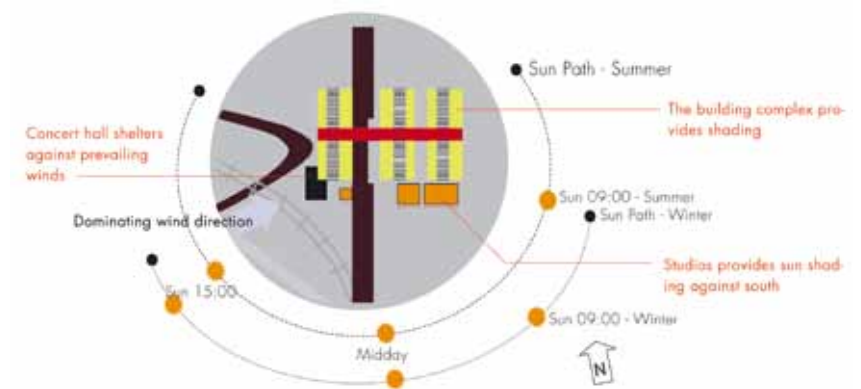
CONCEPT FOR COOLING - SUMMER



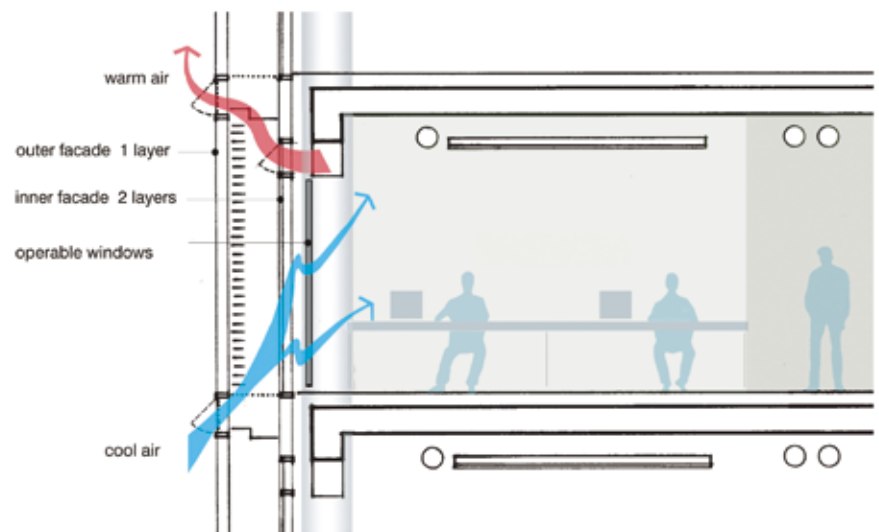
CONCEPT FOR COOLING - WINTER



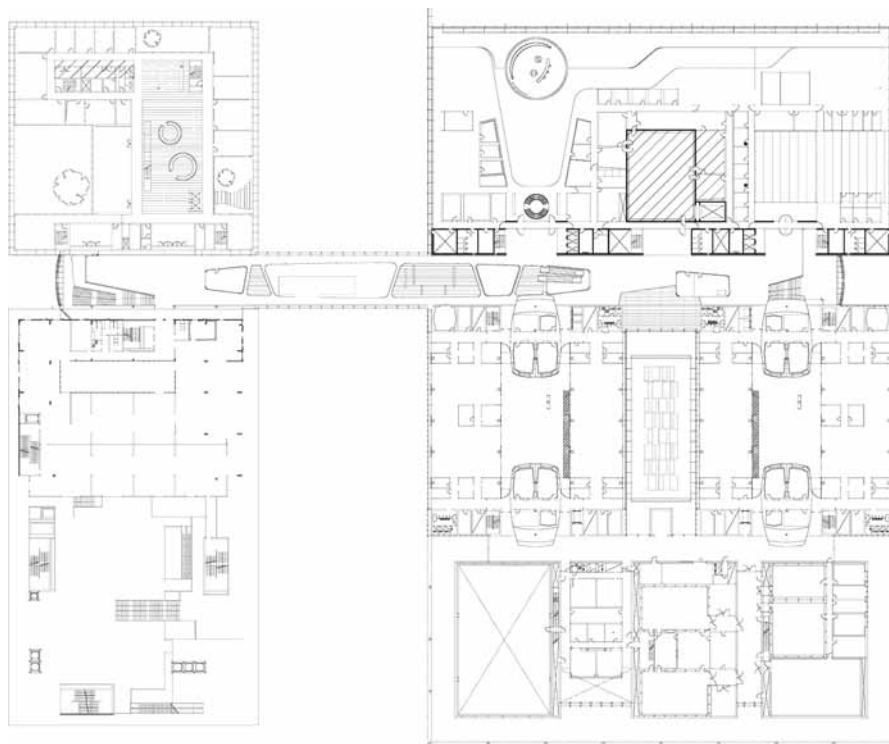




Ventilation principle







二层平面

DR Byen is the new HQ for the Danish Broadcasting Corporation. The complex is composed of five different buildings designed by four different architects for a total of 132,500 square meters. Vilhelm Lauritzen Architects won the competition for the overall master plan and designed and executed the largest building – segment 1 – and the connecting inner street – a total of 56,000 square meters. The complex was inaugurated in early 2009, ten years after the first architectural competition.

DR Byen was built as an ECO building with support from the EU with the intention to create a model building which demonstrates how to minimize the environmental impact of a modern IT-intensive office complex.

In this case sustainability was a main focus in the programme from masterplan level right down to the selection of materials. The design focuses on creating a compact building out of a highly complex infrastructure and includes double facades enabling natural ventilation, solar panels integrated into the building, cooling by outdoor air and groundwater rainwater collection, and district heating for reduced carbon dioxide emission. **AT**