



Masdar生态广场，阿拉伯联合酋长国

Masdar Plaza, UAE

客户 Abu Dhabi Future Energy Company

建筑设计 LAVA - Laboratory for Visionary Architecture

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总建筑面积 96 000m² (其中公共广场31 200m², 五星级酒店23 265m²,
会议19 766m², 零售15 500m², 影院6 500m²)



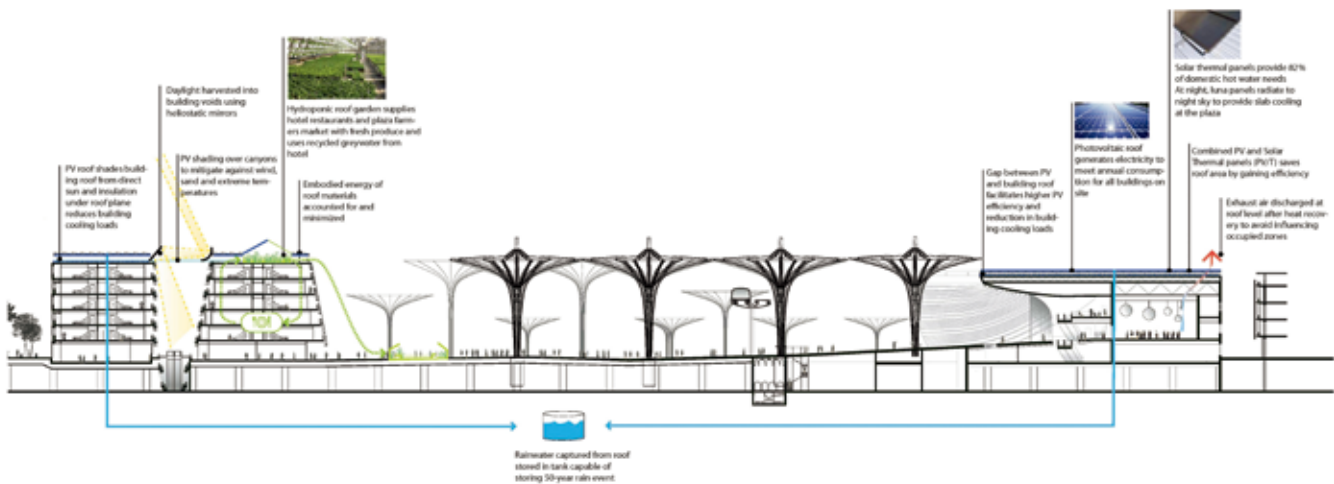
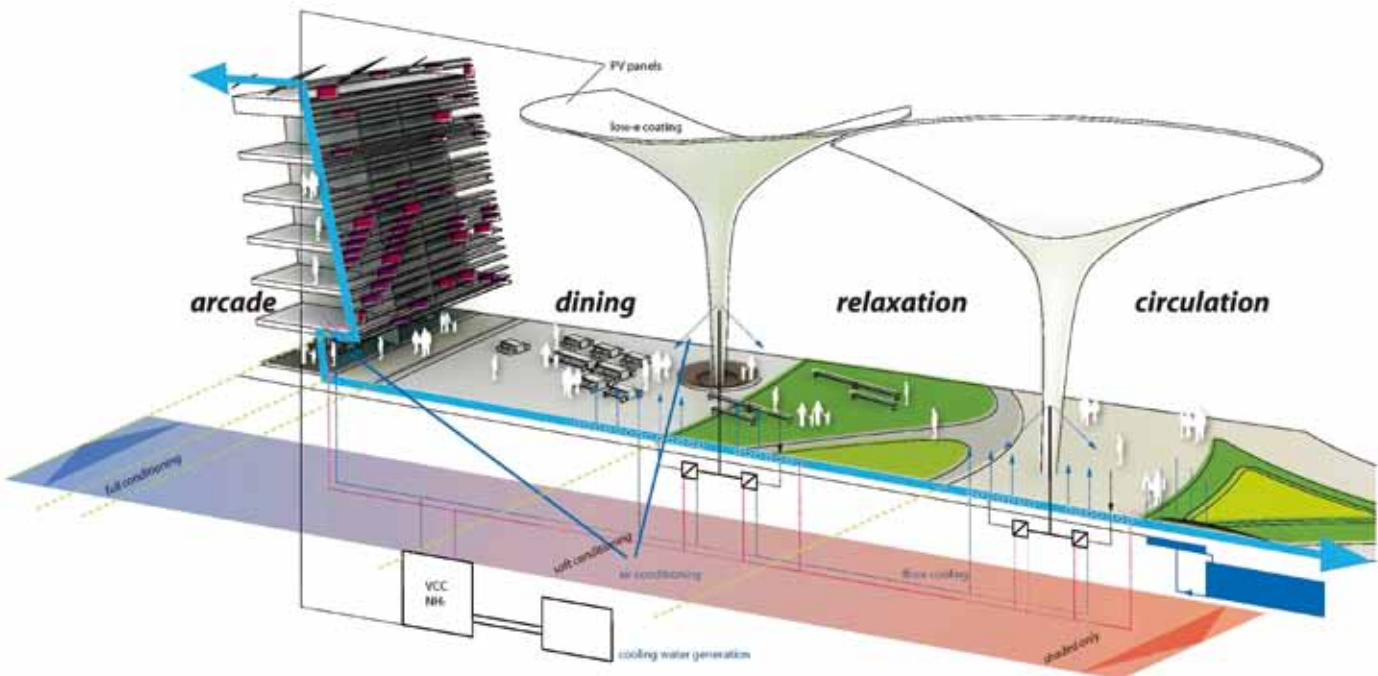
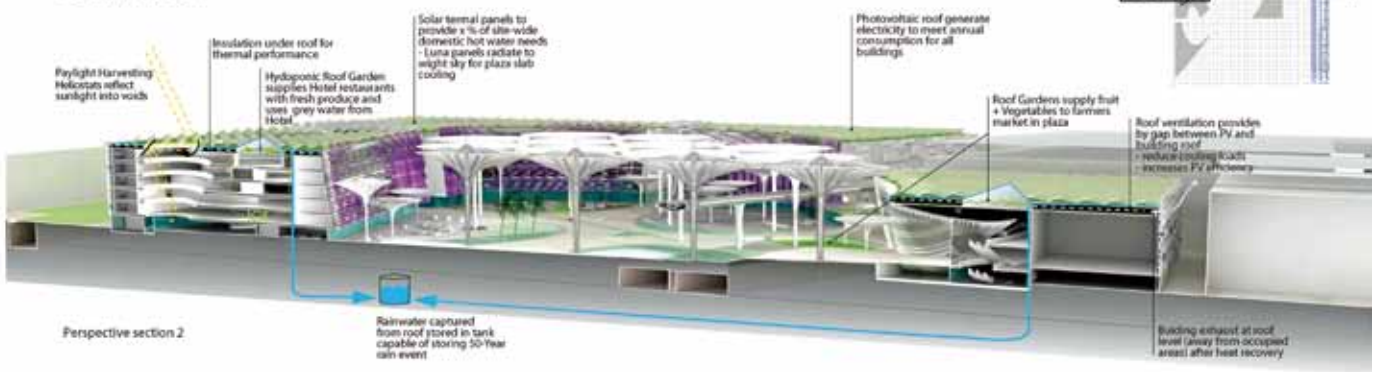
阿联酋新的生态城市广场上，巨大的伞状物提供了可移动的阴凉，同时白天储存热量，夜晚将其释放。这一基于向日葵特性的伞状物创意，使得LAVA一举赢得了国际竞赛。Masdar是阿联酋第一个零碳排放、零污染的城市，距阿布扎比17km，预计将由7期建成。

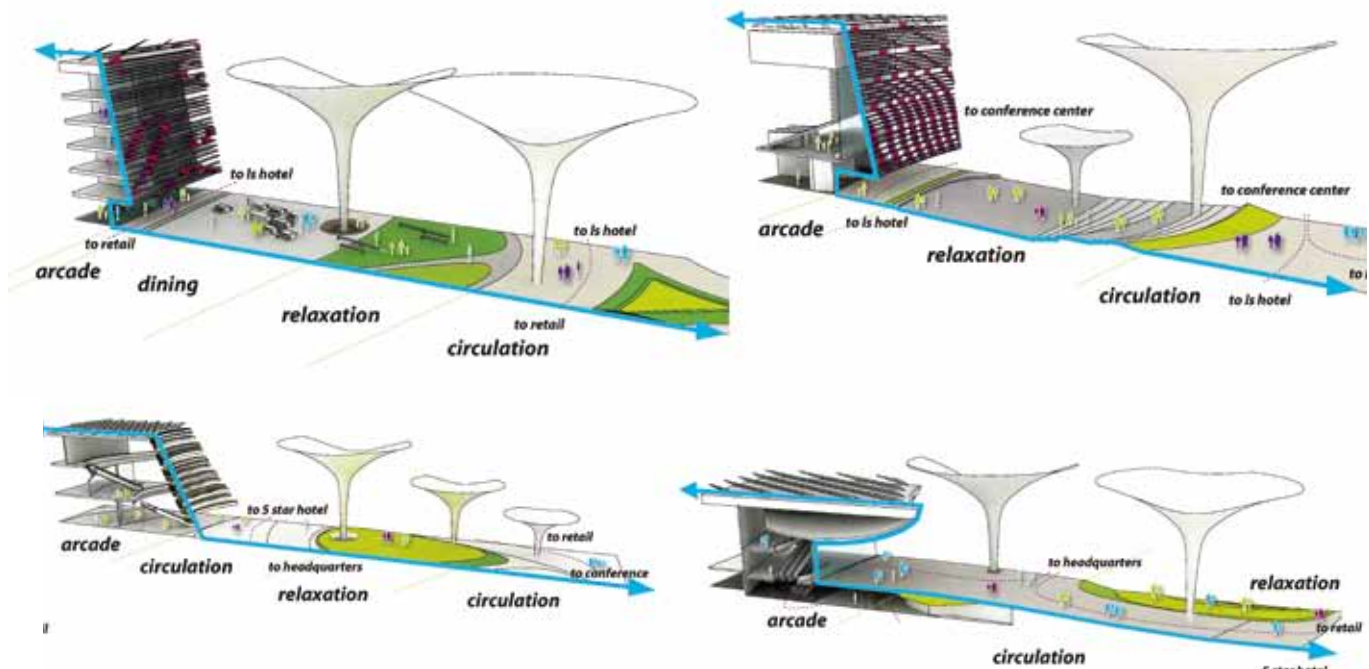
全球城市的美好未来取决于人类发展与整合可持续技术的能力。Masdar生态城市展示了城市的未来，将可持续技术与整个现代建筑设计的整合放在首位。罗马、雅典、佛罗伦萨这些历史悠久的城市都有广场，那里成为人们几个世纪以来生活和表达思想的地方。同样，Masdar中心广场也将成为吸引全球关注可持续技术的焦点。我们将Masdar中心广场视为“未来的绿洲”，即一个非常

Giant umbrellas, with a design based on the principles of sunflowers, will provide moveable shade in the day, store heat, then close and release the heat at night in the plaza of a new eco-city in the United Arab Emirates. The sunflower umbrellas are one aspect of the winning design by the international practice Laboratory for Visionary Architecture for the city centre for Masdar in the UAE the world's first zero carbon, zero waste city powered entirely by renewable energy sources.

Masdar is a planned city located 17 kilometres from Abu Dhabi. A government initiative, the city is being constructed over seven phases. The city centre includes a plaza, five-star hotel, long stay hotel, a convention centre and entertainment complex and retail facilities. The future wellbeing of cities around the globe depends on mankind's ability to develop and integrate sustainable technology.

section 02





适合生活、呼吸、活动的环境，一个显示可持续技术利用价值的地方。因此，设计关注以下三点：

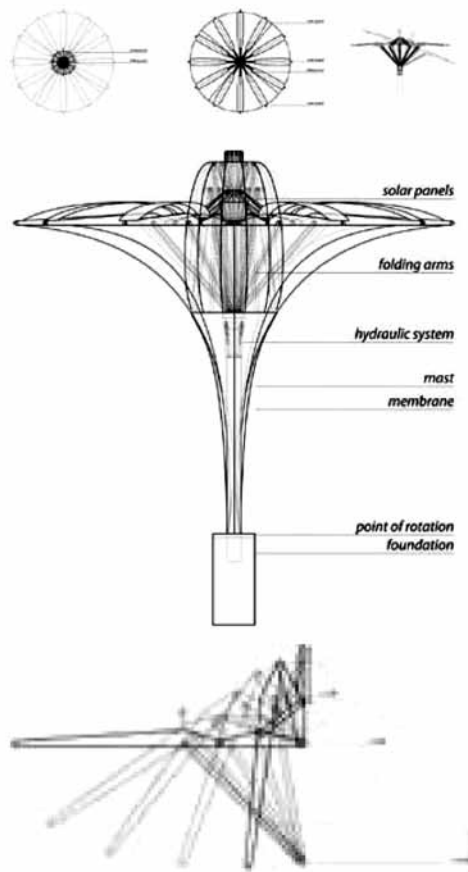
（1）性能显示——以最新的、动态的、图像化的建筑环境值说明可持续技术的利用回收效用。

（2）激活作用——根据一天24小时和一年365天环境功能的需求激活、运行可持续技术。

（3）相互影响——鼓励和激发Masdar中心广场的活力。

Masdar City is the city of the future; positioned at the forefront of integrating sustainable technology into modern architectural design. Rome, Athens, Florence; most great historical cities have had the plaza, forum, or square at their epicentre - where the life, values, ideals, and vision of the population evolved. Equally, the centre of Masdar must be an iconic beacon that attracts global attention to sustainable technology. We see Masdar Plaza as "The Oasis of the Future" : a living, breathing, active, adaptive environ; stimulated by the social interaction of people, and spotlighting the use and benefits of sustainable technology.





“未来的绿洲”被看作一个开放空间的体验，在这里，所有的建筑，如宾馆、会议、购物、娱乐设施都提供给人们室内外最高的舒适度和互动性。因此，完全开放的公共设施使得广场成为 Masdar 的社会活动中心。同时“未来的绿洲”也表明，可持续性技术可以一种更友好的方式植入建筑环境中，不仅可以灵活利用空间，也可以使室内外空间达到舒适性，整体获得最佳的性能。（译/吴春花）

Hence, our design proposal focuses on the delivery of three key issues:

(1) performance – to demonstrate the use and benefits of sustainable technology in a modern, dynamic, iconic architectural environment

(2) activation – to activate or operate the sustainable technology in accordance with the functional needs of this environment 24 hours a day and 365 days of the year.

(3) interaction – to encourage and stimulate a social dynamic where the life, values, ideals, and vision of the population of Masdar evolve.

The “Oasis of the Future” is conceived as an open spatial experience. Whereby, all features; whether hotel, conference, shopping, or leisure, offer the highest quality of indoor and outdoor comfort and interaction.

As in the case of an oasis, the Plaza is the social epicenter of Masdar; opening 24-hour access to all public facilities. Interactive, heat sensitive technology activates low intensity lighting in response to pedestrian traffic and mobile phone usage. The “Oasis of the Future” demonstrates sustainable technology in a user-friendly architectural environment – flexible use of space, outdoor and indoor comfort, and optimum performance. 