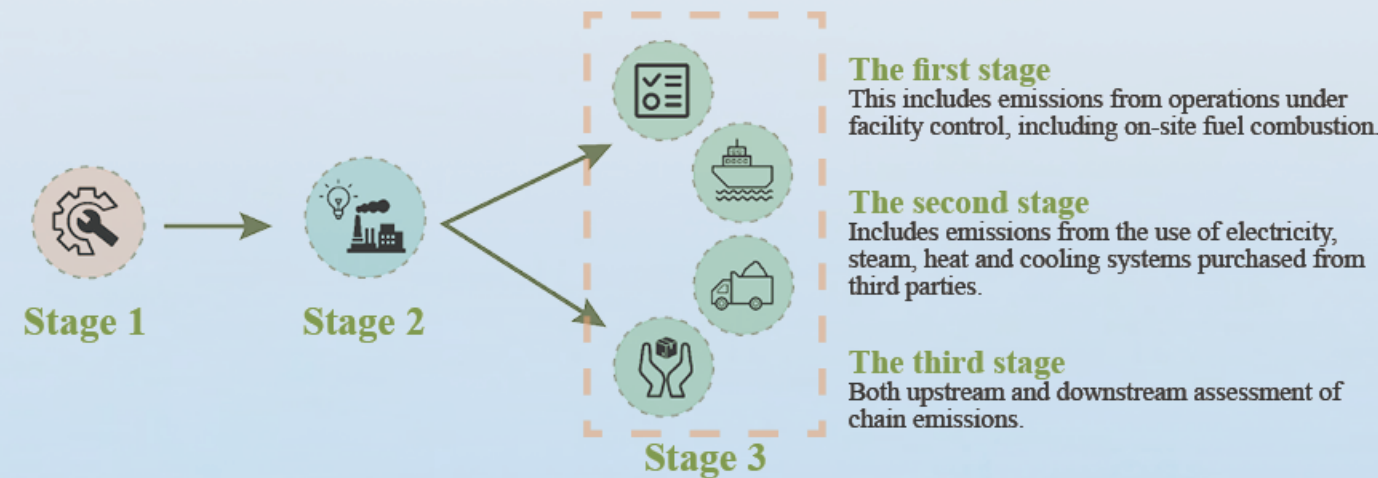


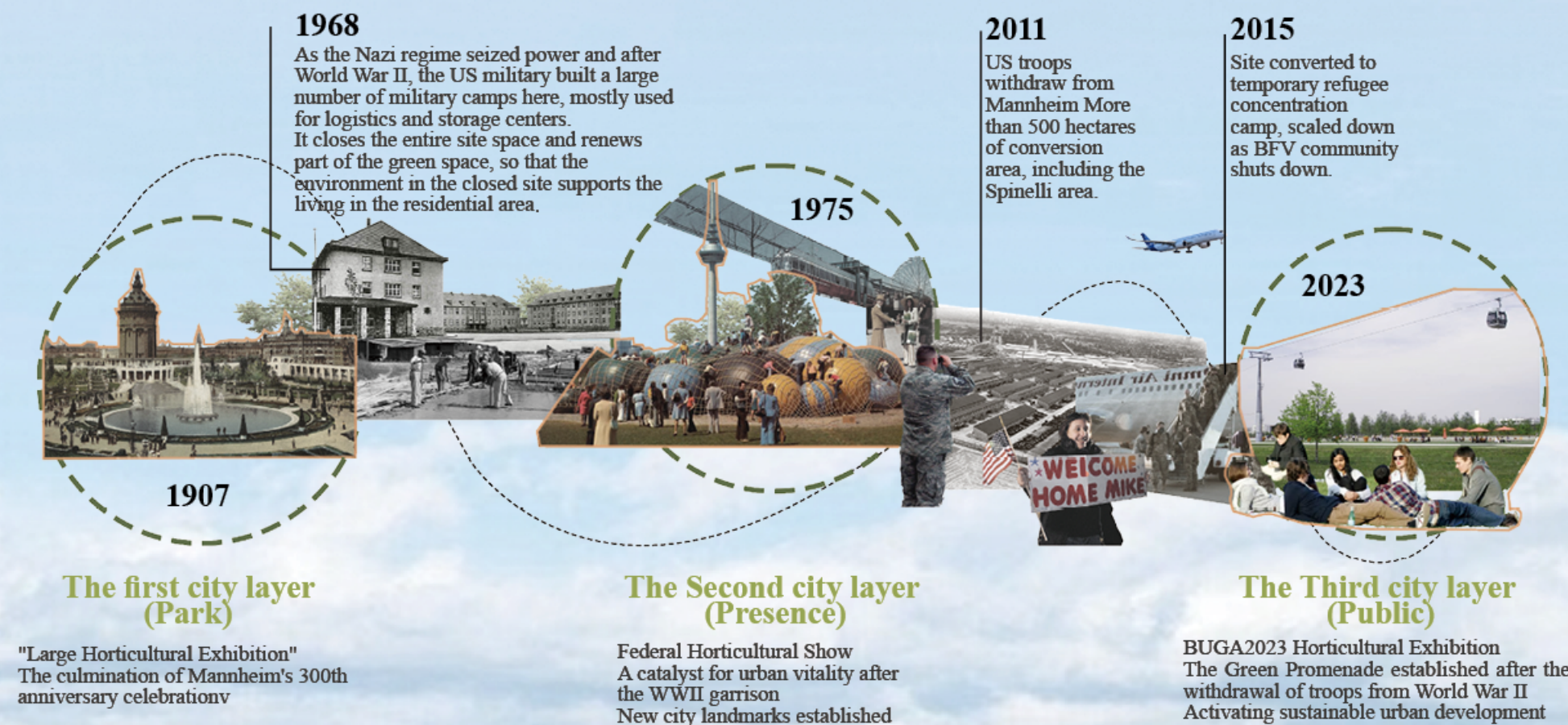
HOPE & LEGACY

UPDATE OF SUSTAINABLE DEVELOPMENT



In the product supply chain, the carbon emissions generated by the third-stage transportation process are the most obvious in the impact of the entire chain. Reducing carbon emissions during transportation can effectively optimize the overall sustainable link.

HISTORY LINE: THREE 'P' URBAN LAYERS

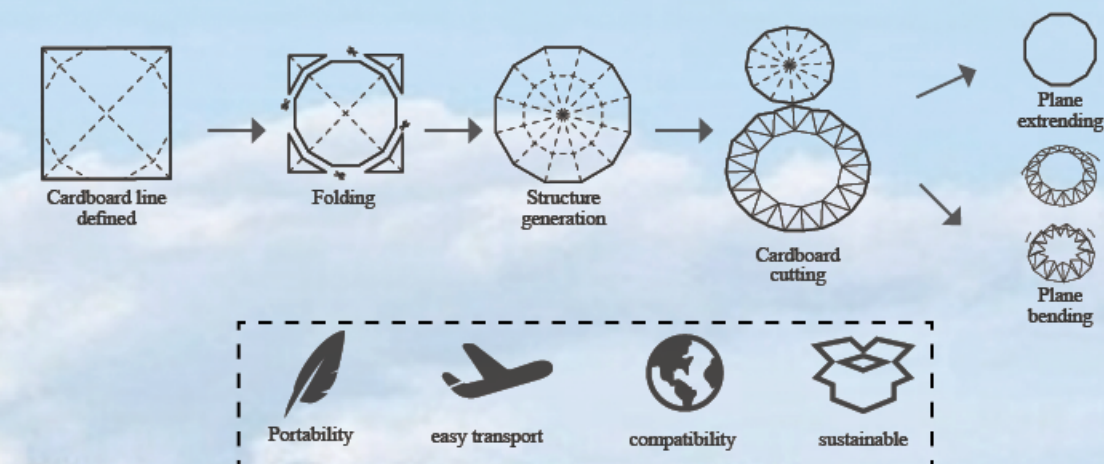


SOLARPUNK: LIVE WITH GREEN



After researching the basic information of the site, it is found by comparison that due to the flatness and barrenness of the site, the climate information of the site area has obvious characteristics of high solar light intensity and multiple wind directions. Due to the single volume of the landscape building and the preservation of the original ecological conditions of the site, a sustainable energy source with solar energy as the main design was chosen. When researching the concept of solar energy related forms, I thought of the concept that reflects people's expectations for the future green life picture - SolarPunk. As a sci-fi theme and the meaning of an art movement, solarpunk was born in the 2010s. Based on such concept, I choose common forms to extract the basis for a series of structures.

CONCEPT EVOLUTION



The retractable origami can not only reduce the footprint of the unit block, but also conform to the application of the regulated solar panel in the unit, and also conforms to the blade in the concept. The folding of the applied solar panel page was explored by laser printing. Finally, considering the solar light receiving area, the number of unit divisions based on 6 (12) is selected for subsequent design.