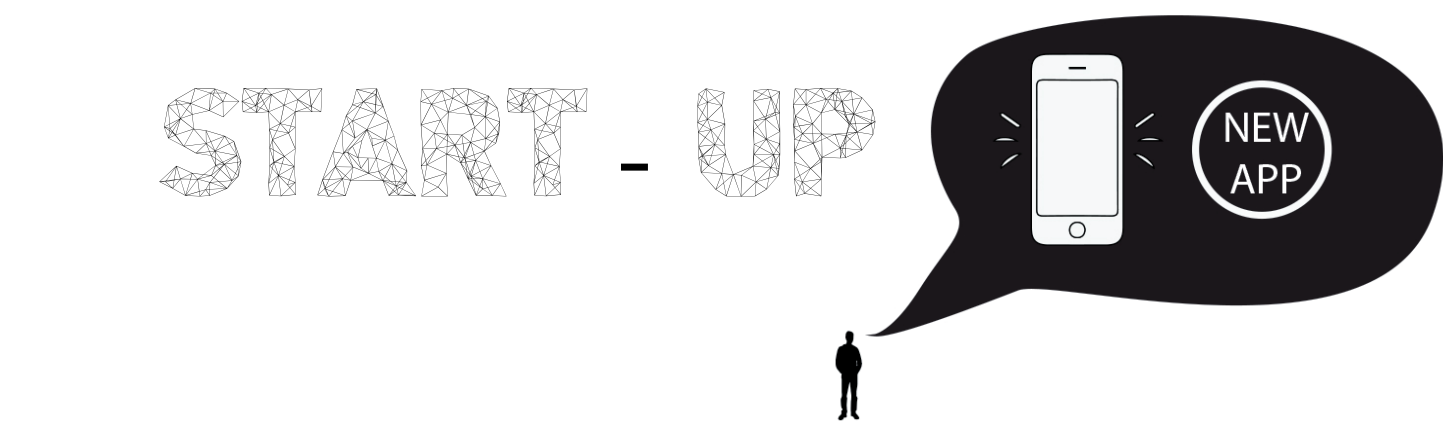
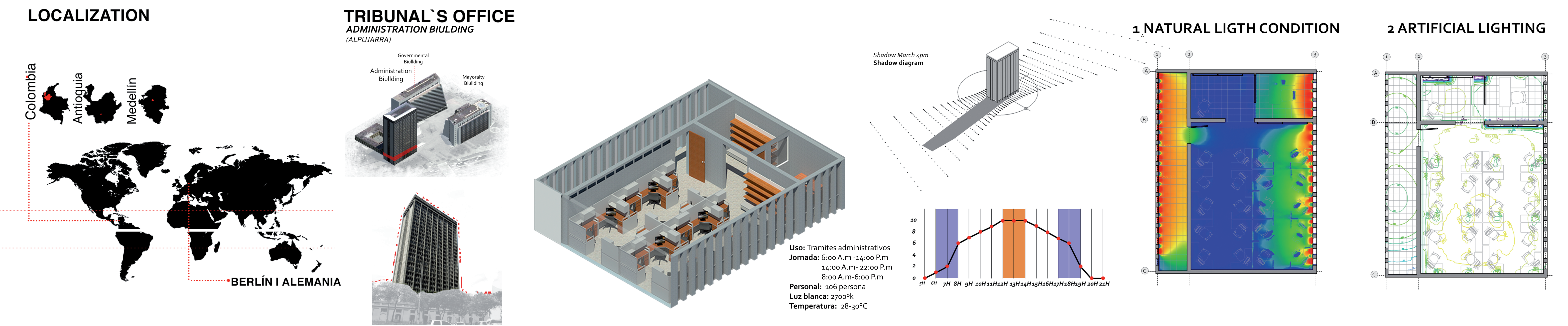


LIGHTING THE GLOBAL WORKSPACE



Project: Start-up Culture Lighting App

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Social Global Workspace Lighting

Start-Up Culture Lighting App

Key Words: Adaptive, Effective Areas, Personalization, temporality.

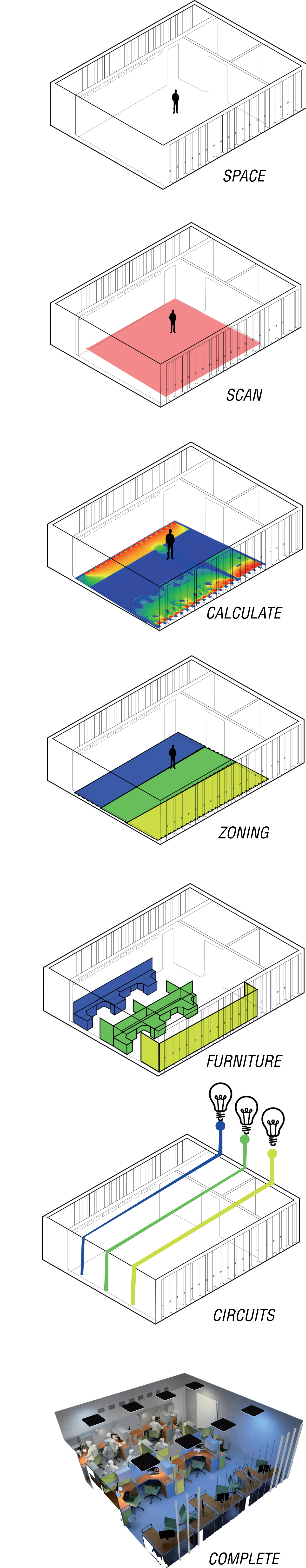
In a context like the tropical condition of Colombia, the integration of natural and artificial light can be a difficult challenge. The critical times of change between natural light and artificial light we refer to as "blue hours" between 5 am - 7am, and 5 pm - 7pm. The warmest time of the day is between 12:00-2pm, which makes working very unpleasant. Natural lighting conditions vary dramatically on a daily basis, but stay constant throughout the year. To compensate for this shift, artificial lighting is used and often abused. Excess lighting and energy consumption can be avoided by the use of multiple smart circuits. Transition times during "blue hours" are the key for gradual lighting adaptation that are comfortable and efficient.

Workspace design can go beyond architecture and lighting to enhance existing conditions, and solve architectural challenges in a practical and economic way. By improving working environments we can increase productivity and workers' satisfaction. Our application allows users to interact with the lighting concept, according to their individual preferences and work needs. It is meant primarily for the Start-up Culture, characterised by young creatives that set up small new offices in existing residential buildings.

The adaptive reuse of residential buildings to offices reflects a local trend in Medellin as a growing city. For many of these situations and conditions, the Start-Up App can be used by anyone, not only students and young professionals.



CREATIVE CULTURE + CREATIVE LIGHTING
=
CREATIVE WORKSPACE



SIMULATION



7 O'CLOCK OFFICE



2 O'CLOCK OFFICE
FINAL IMAGE