

Scenario: The immediate crisis has passed, but now you must help the city recover and prepare for the future.

The Problem	The AI Solution
7. After the storm, thousands of solar panels in the desert are covered in dust, reducing the city's clean energy.	G. Predictive Maintenance AI: Uses sensors to detect tiny vibrations or cracks in pipes before they burst.
8. We need to send food and medicine to a remote village cut off by floods, but the roads are destroyed.	H. Autonomous Cleaning Robots: AI-powered machines that can clean the panels automatically without using water or human labor.
9. An old water pipe is about to burst under a main road, which would waste water and cause traffic jams.	I. Heavy-Lift Delivery Drones: Large autonomous aircraft that can carry 100kg of supplies and land safely without a pilot. LIVEWORKSHEETS