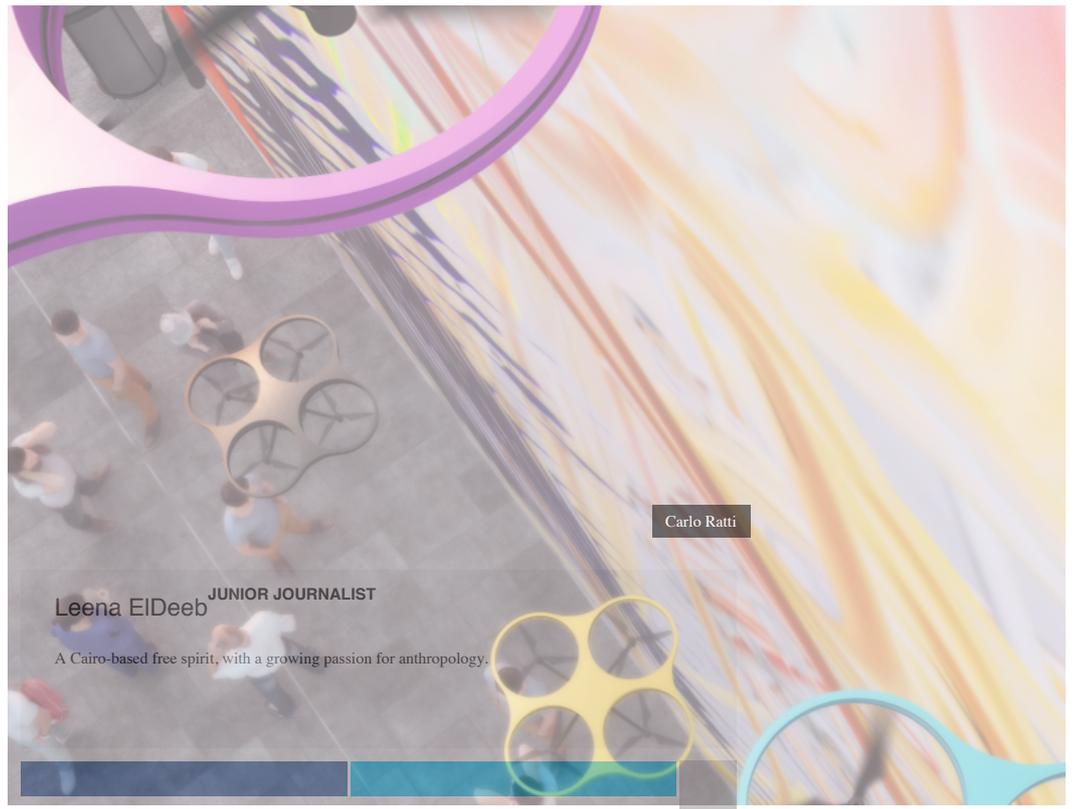


Graffiti Drone To Launch In Turin And Berlin This Fall

MAY 18, 2017 READING TIME: 3 MINUTES

These drones promise to transform building facades, bridges and highways into works of art this fall.



Carlo Ratti

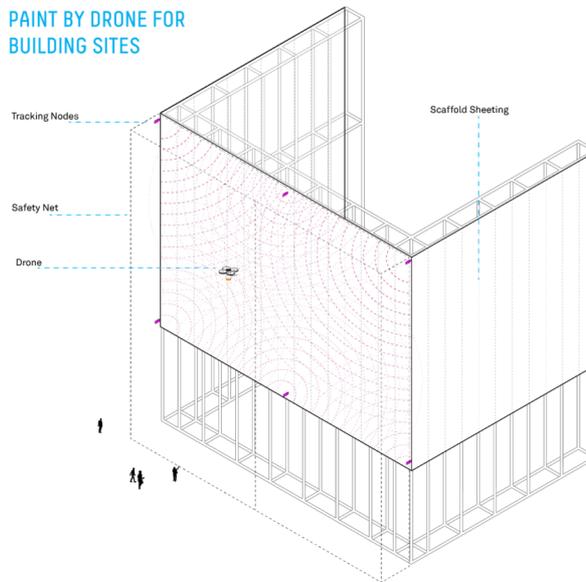
Leena ElDeeb JUNIOR JOURNALIST

A Cairo-based free spirit, with a growing passion for anthropology.

As drones find their way into more and more uses in cities, international design and innovation office [Carlo Ratti Associate](#) has developed Paint By Drone – a portable technological solution that employs drone formations to paint graffiti on urban facades. The project aims to turn any blank vertical surface into a space for both participatory artistic expression and the visualization of urban data.

The first two installations of Paint By Drone are scheduled to launch in Fall 2017 in the German capital Berlin and the Italian city of Turin. “Both are cities with a striving art scene and “hunger” for innovation. We know them quite well – Turin is where our office, Carlo Ratti Associati, is based, and Berlin is where we have developed several projects,” founder and CEO Carlo Ratti tells progrss. The installations are planned to take place within six to 12 months.

PAINT BY DRONE FOR BUILDING SITES

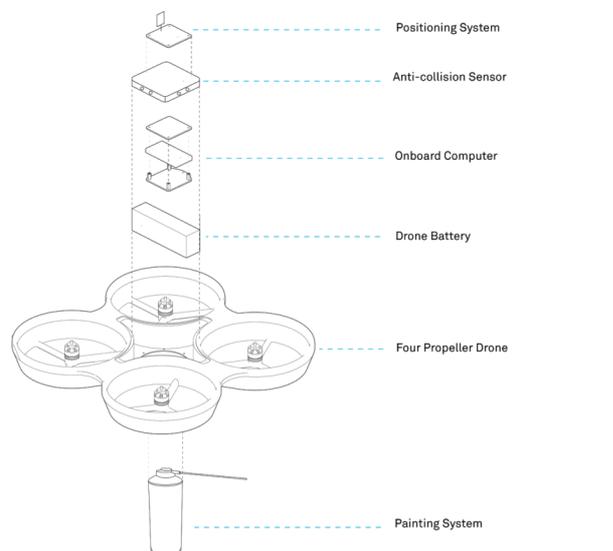


Carlo Ratti.

“Drones are becoming an increasingly common part of our everyday life. According to the Federal Aviation Administration, by 2020 there might be 1.3 million quad-copter drones flying in the United States’ skies only,” Ratti continues. Given this evolving scenario, the idea of employing drones in different contexts is something that has accompanied Ratti’s teams in several projects at MIT’s [Senseable City Lab](#) and at Carlo Ratti Associati office.

“In Senseable City Lab’s 2013 project “Skycall,” we employed an autonomous flying quadcopter as a personal guide tour, resulting in a system that can efficiently locate, communicate with, and guide visitors around the MIT campus – including stray Harvard students. Paint By Drone project represents a step forward in this research path,” he adds.

DRONE’S EXPLODED DIAGRAM



Carlo Ratti.