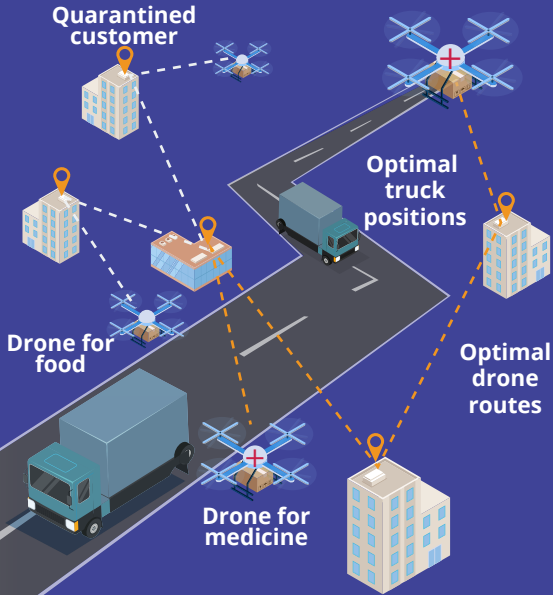


Unlocking the Potential of Disruption-Resilient Supply Chains

Literature review



Truck-drone synchronized rapid delivery system to high-infection zones



Simulation of India's Public Distribution System (PDS) under three scenarios:



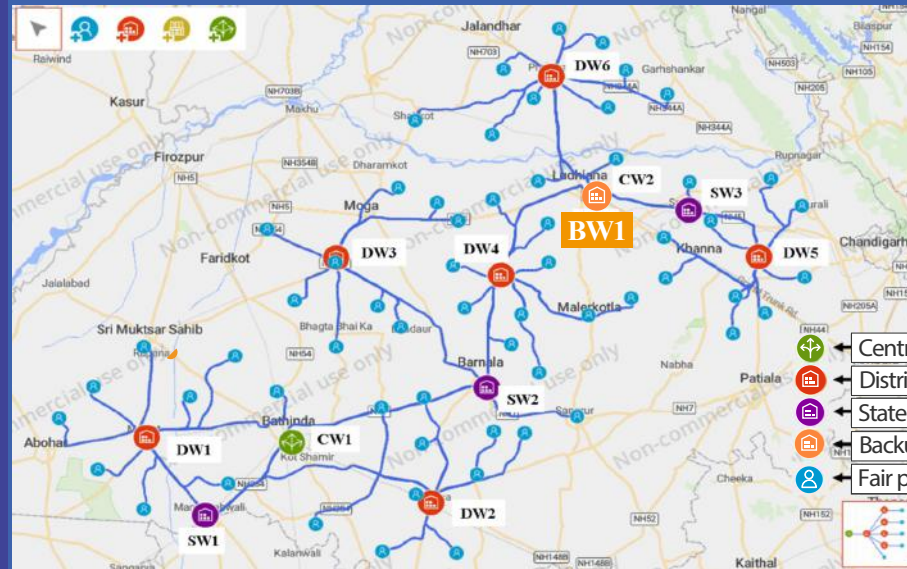
Normal operation



One warehouse shut down due to COVID-19



Backup warehouse present



Backup warehouses at strategic locations can help maintain required supply levels

These models of distribution and delivery can help build resilient supply chains for essential goods during the COVID-19 pandemic and any future pandemics

