In this project we aim at implement hybrid middleware to integrate smart city systems together with smart city control room, to achieve our goal is:

1. Retrieve data from existing systems, and analyze these data and filter it to make it ready for use in the integration (drop the redundancy data, delete uncorrected data). (2 months)
2. Store the previous ready data in big data platform in Filippetti cloud to access it from outdoor or remotely. (2 months)
3. Simulate data generated by smart city systems after readying it using Castalia simulator and OMNET++. (3 months)
4. Link the control room provided by Filippetti to the Smart city data source in the cloud, to control the city and manage it. (2 months)
5. Implement decision algorithm to automatically decide in some cases based on the given data, this option is enabled upon operator demand. (3 months)
6. Test the hybrid middleware. (2 months)
7. Run the system and apply it in real environment. (2 months)
8. System evaluation. (1 month)
9. Write PhD thesis. (6 months)