

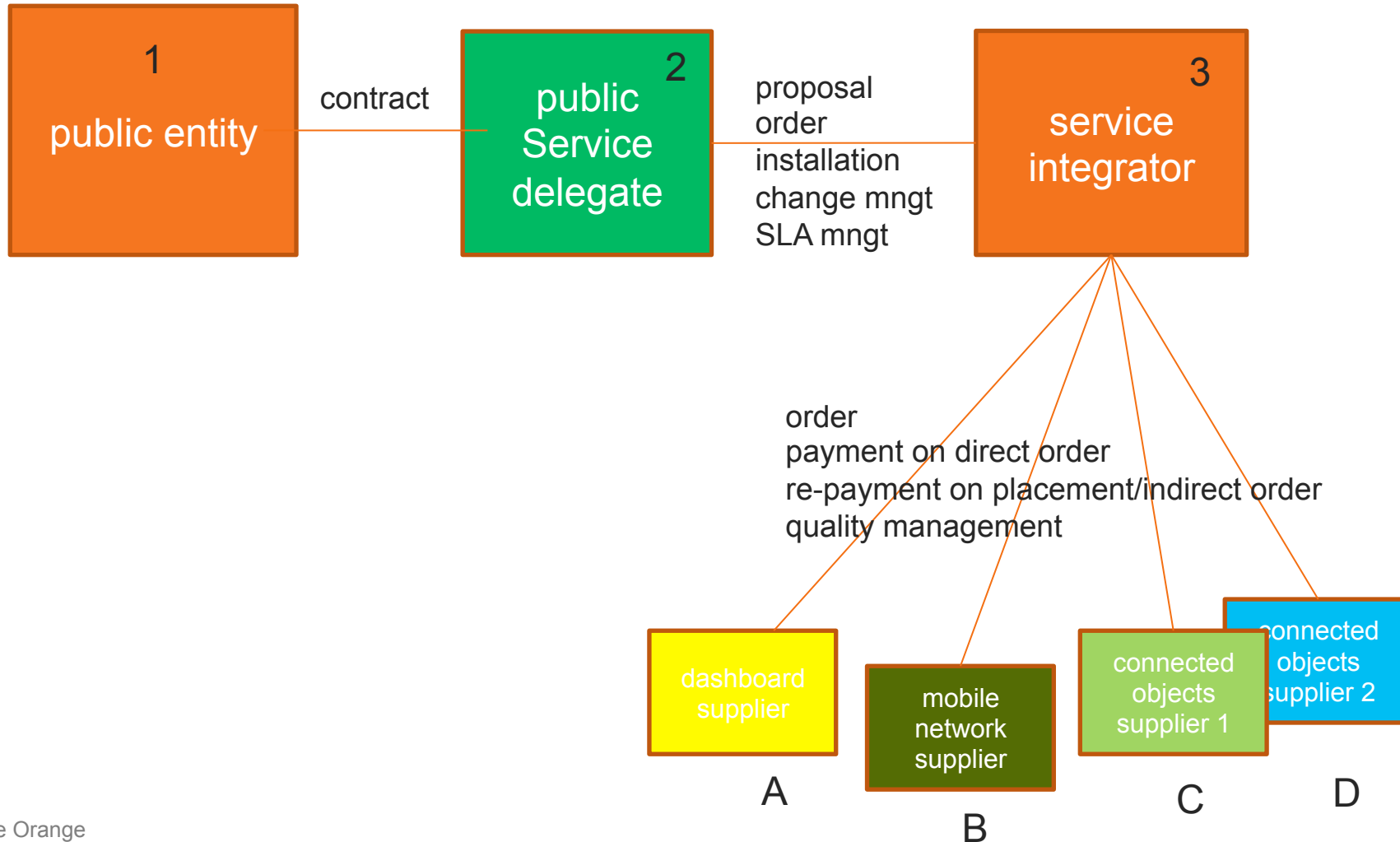
# Lets Garden ! Reference Scenario



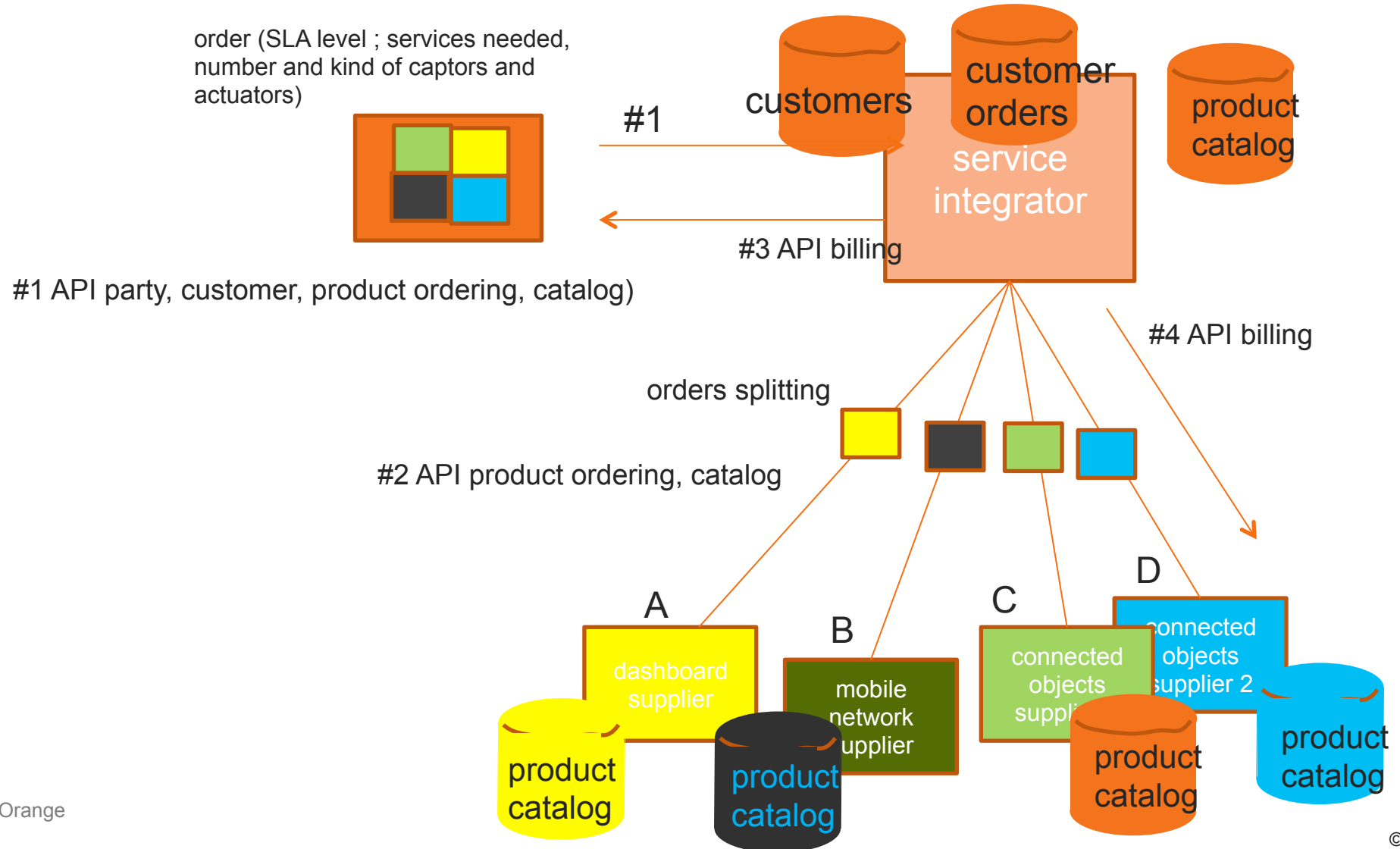
A well managed public garden



The use case One implies a public service delegate that fully manages green spaces ; the optimization of its activity relies on a system based on IOT (captors and actuators)



# Acquisition & Implementation phase : customer acquisition ; customer order acquisition ; supplier orders splitting ;



# Exploitation phase : the dashboard helps the to optimize the delegate's interventions and to trigger some automatic actions



delegate's service PF BlueMix

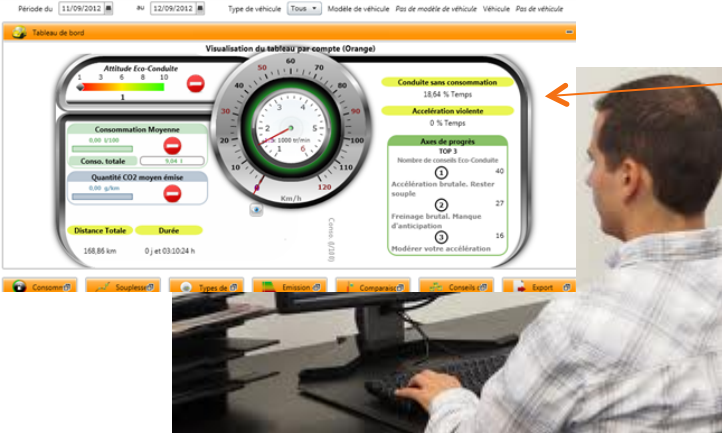
dashboard presentation ; long term analysis



IOT Platform Fiware/M2M APIs

data coming from the field and form other sources (weather), ...

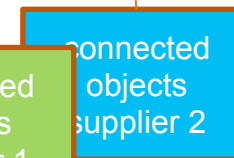
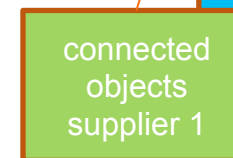
the delegate's dashboard



automated or manual actions



#5 API trouble Ticketing  
 #6 API SLA  
 #7 change management  
 API Product inventory  
 API product ordering





- User A browse the Product Offerings (PO) for lunch coupon (catalog API)
- User A see there is a PO with certain price, but also in the description there is note says there would be discount if you bring a group of people. (for instance 10 people then half the price)
- User A open up a map (google map), and locate his friend on the map (Location API, and read the mobile number from his cell phone)
- User A select more than 10 of his friends who are nearby and invite them for lunch. A message will be sent to each one of them (SMS API)
- All the friends replied OK, then the application will create the order and submit it with discounted price (Order management API)





- User A open up the application and have a face-2-face call with a GP
- After the consultation GP in their side prescribing medicine for user (Order Management API for certain PO)
- User will accept the prescription and choose to pay by mobile account (Charging API)
- The medicine will be fulfilled (shipped to user and based on user's profile information (Identity API))
- At the same time, in server side will track down the medicine offer characteristic (for instance there is one characteristic says this pill need to be taken twice a day after meal), then create notification to user to remind them to take pills (SMS API)

