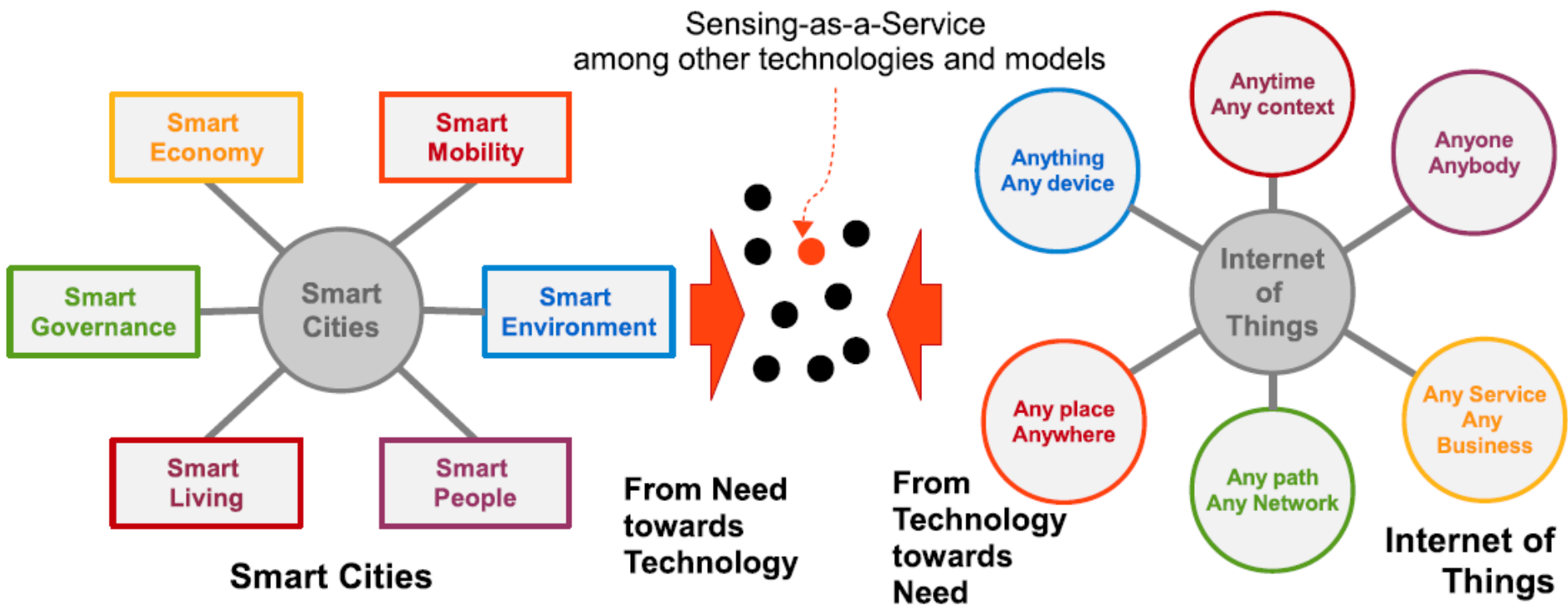


# Sensing as a service model for smart cities supported by Internet of Things

Charith Perera, Arkady Zaslavsky, Peter Christen, Dimitrios Georgakopoulos  
Transactions on Emerging Telecommunications technologies, 2014

presented by Stela Seo



# Internet of Things

anytime (any context)

any place (anywhere)

anything (any device)

anyone (anybody)

any path (any network)

any service (any business)

# Winnipeg



# Winnipeg



# modern cities



# Smart Cities

solve problems in modern cities

information and communication technologies

smart economy

smart people

smart governance

smart mobility

smart environment

smart living

# Everything as a Service (XaaS)





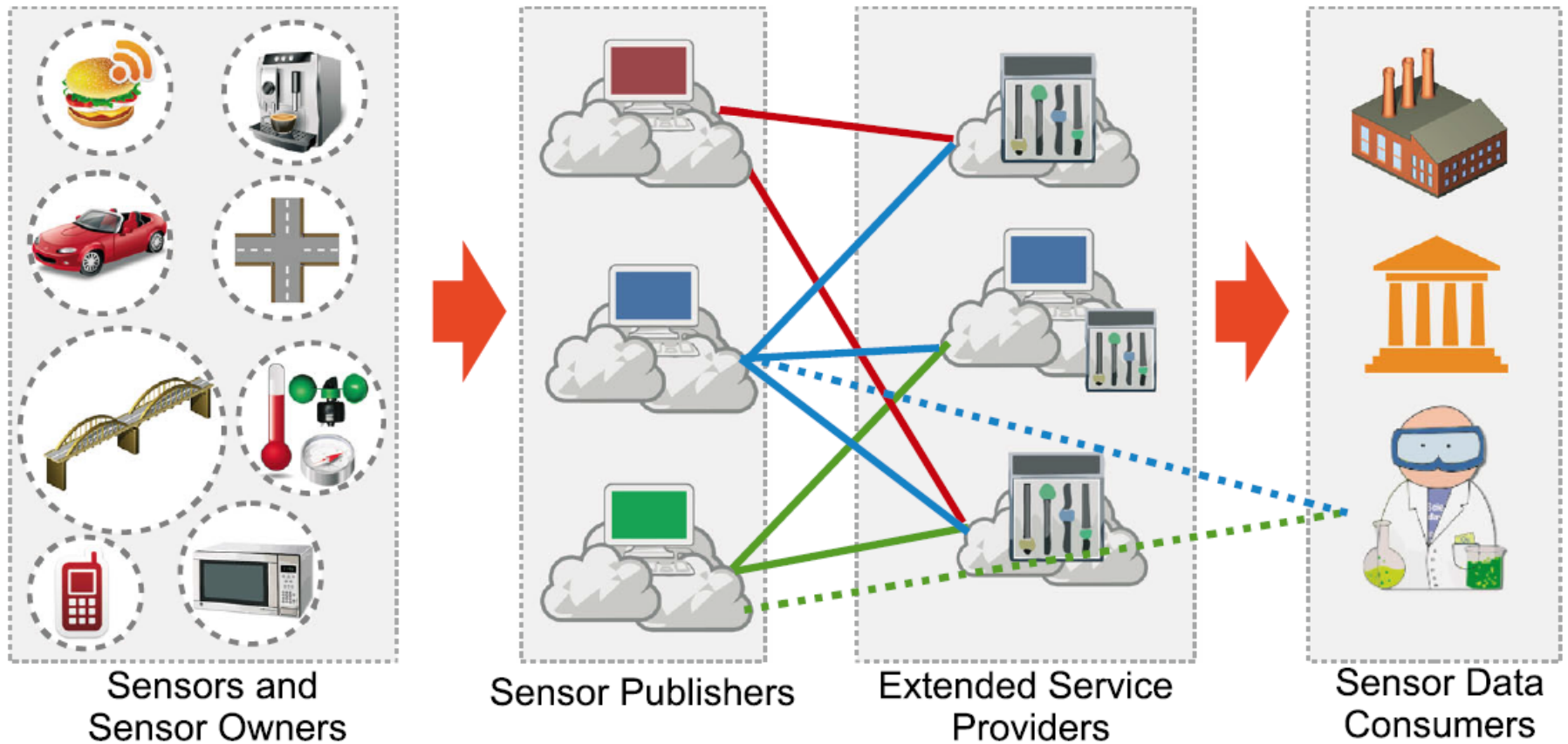
# Everything as a Service (XaaS)



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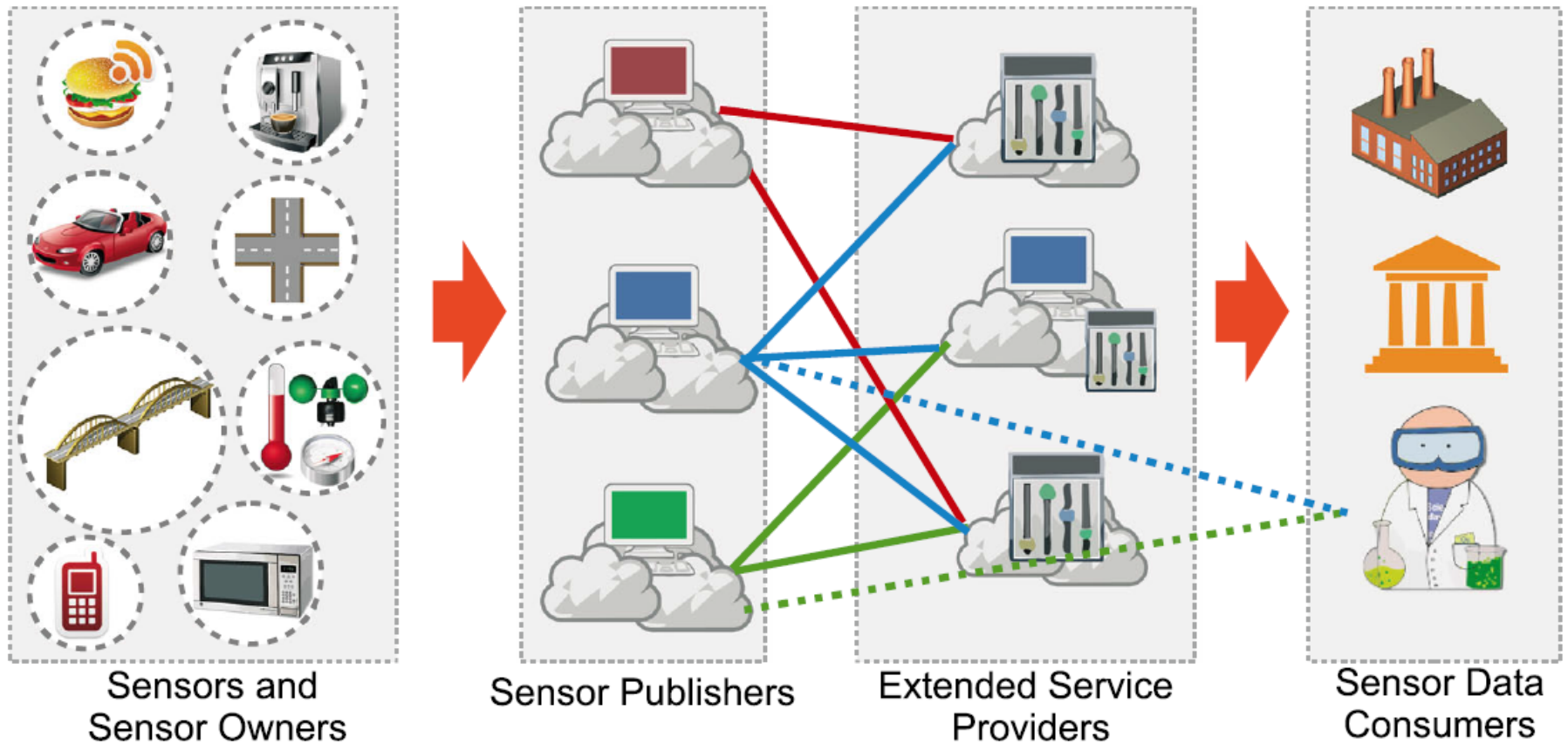
# sensing as a service

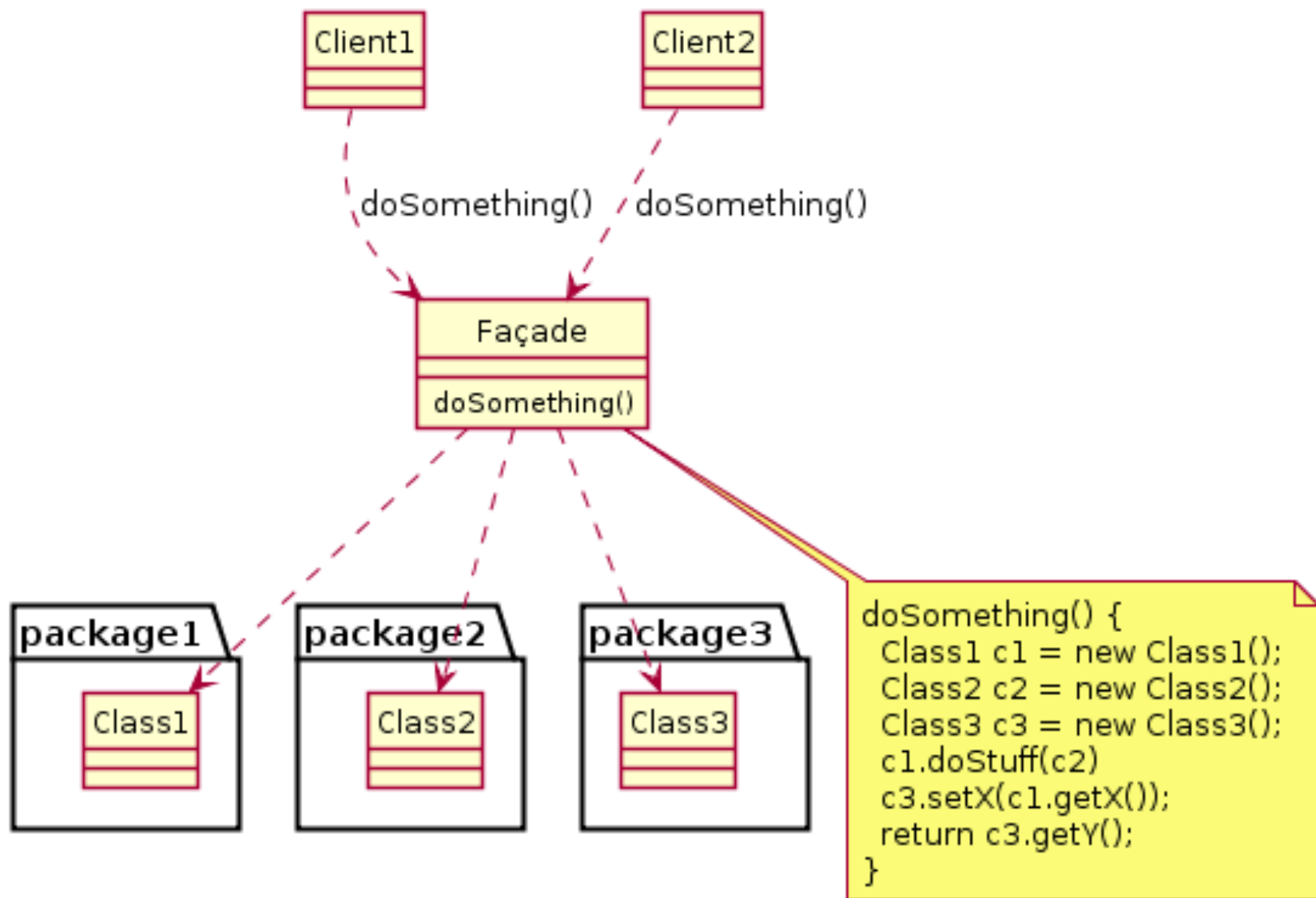


# sensing as a service

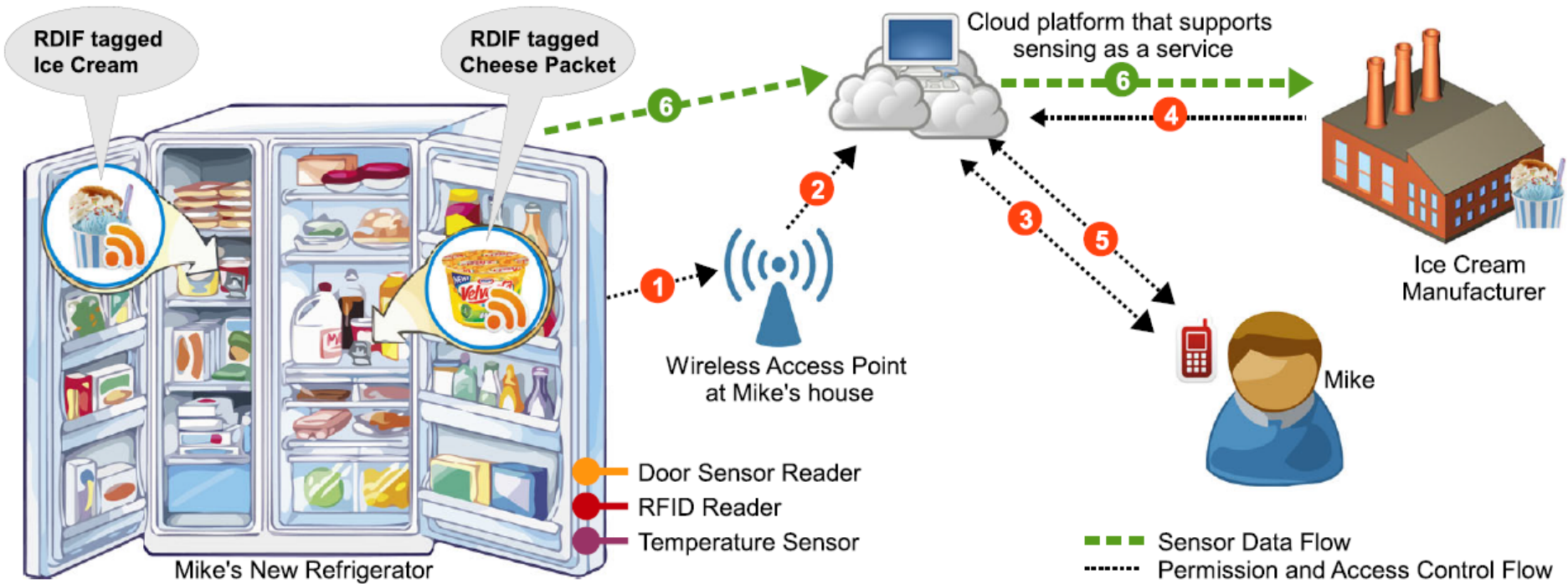


# sensing as a service

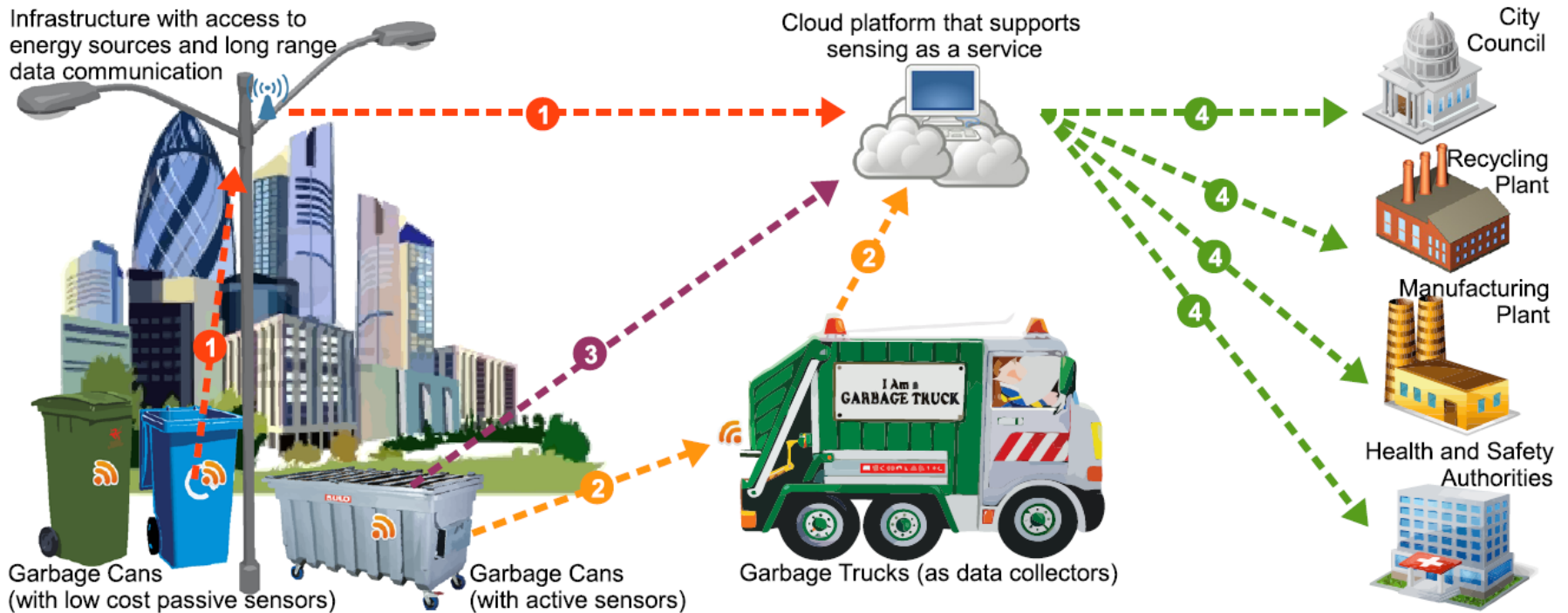




# scenario

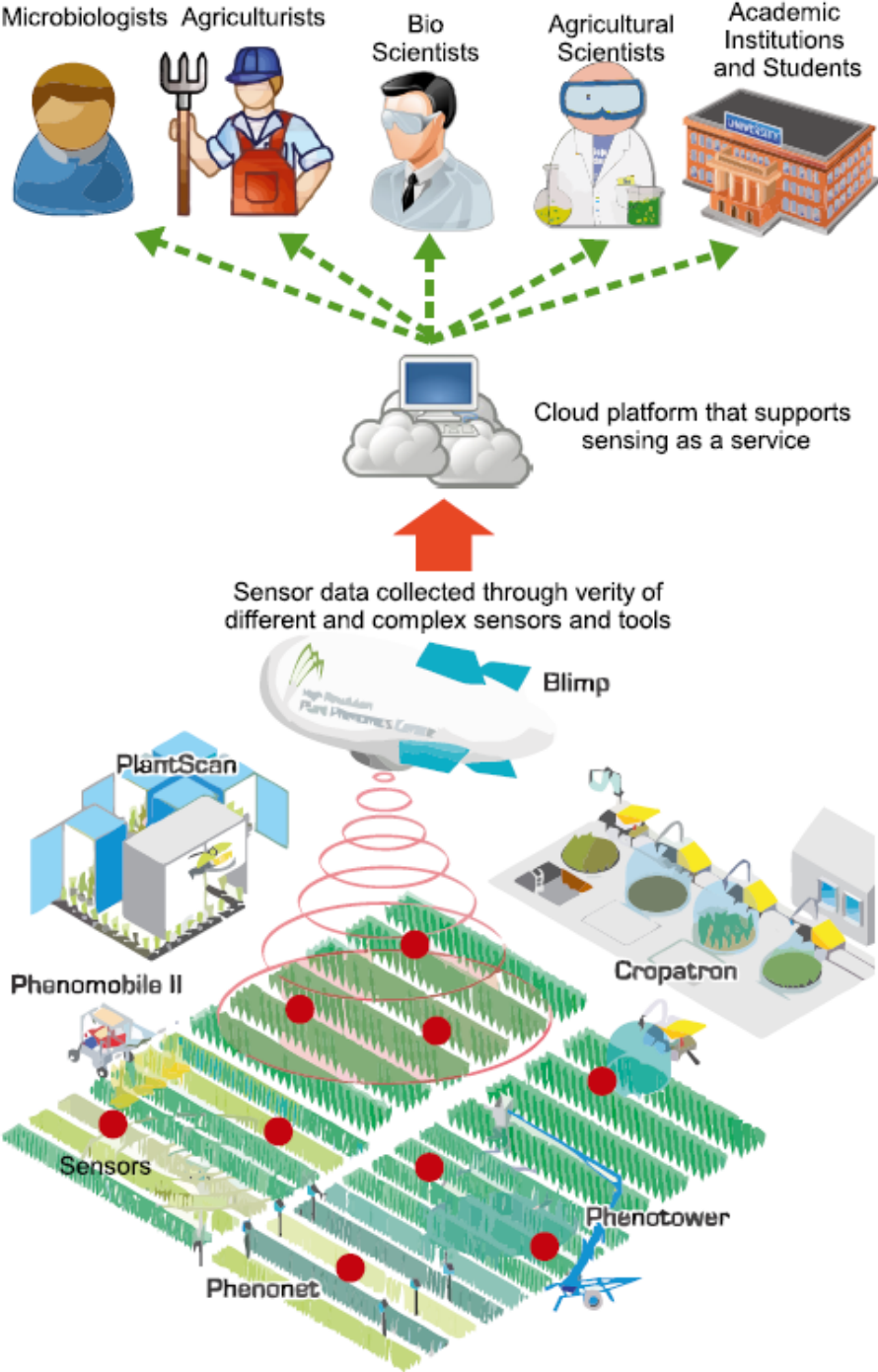


# scenario





scenario



# limitation

## sensors

old refrigerator vs. new  
configure them

## maintenance

## energy usage

## standardization

## entry barriers

## trust

## privacy

# discussion

why a company would build such  
façade/middleware? if government do, why?

cost vs. benefit

benefit isn't really visible in short term

how we can prevent crime without violating privacy?

how this solve unemployment problem?

where to start? IoT is currently driven by industries