HoGent

Bachelorproefvoorstel

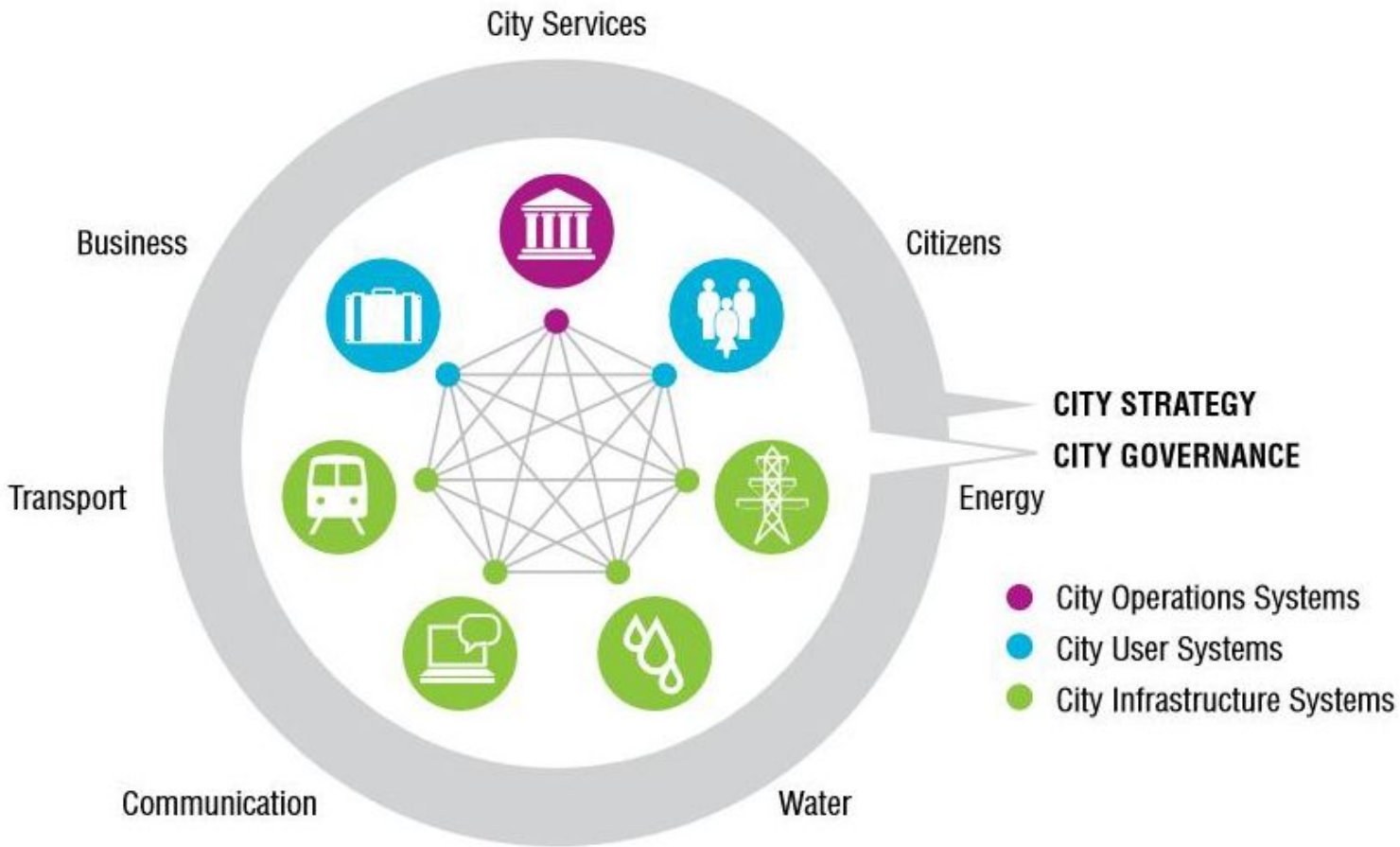
By Thomas
Vansevenant

ONDERZOEKSVRAAG:

Onderzoek naar de haalbaarheid van een waste management systeem met gegevensverwerking door middel van machine learning via de Azure cloud omgeving met betrekking tot Smart Cities voor de stad Gent.

“The 19th century was a century of empires, the 20th century was a century of nation states. The 21st century will be a century of cities.”

– Wellington E. Webb, former Mayor of Denver, Colorado

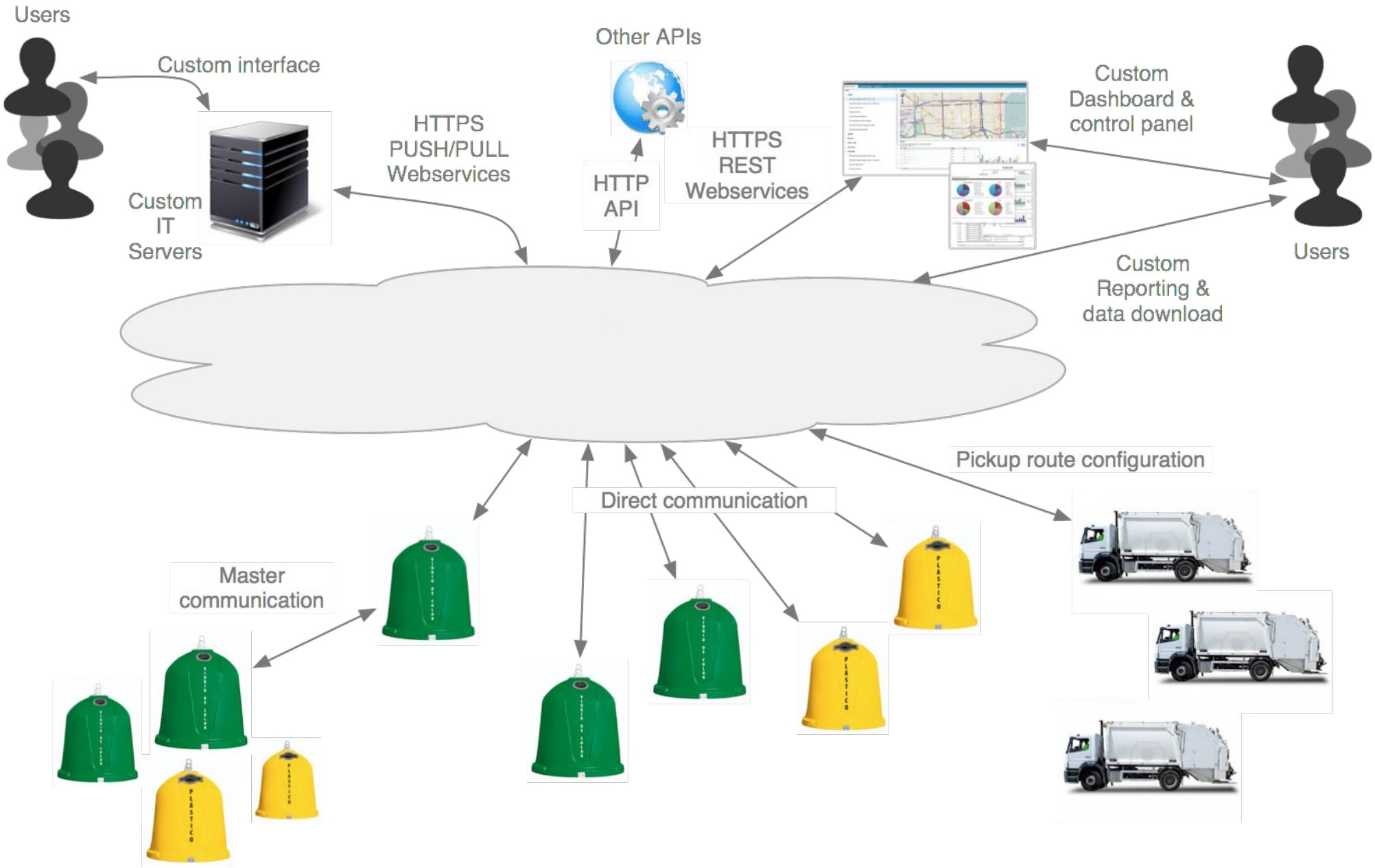


Source: IBM Center for Economic Development analysis.

Central Monitoring
Energy Management
Applications for Patients to monitor activity
Home Area Network
Pollution Monitoring
Video Surveillance
Transportation Monitoring
Traffic Monitoring
Parking Monitoring
City Services: Safety & Security / Emergency Responce
Communications
POWER
HOSPITAL
BANK
NAMS
National Air Monitoring System
CITY HALL
POLICE
HOTEL
SCHOOL

#wijsvangent

https://wiki.csiro.au/download/attachments/716997588/waste-management-smart-city.png?version=1&modificationDate=1432086798980&api=v2



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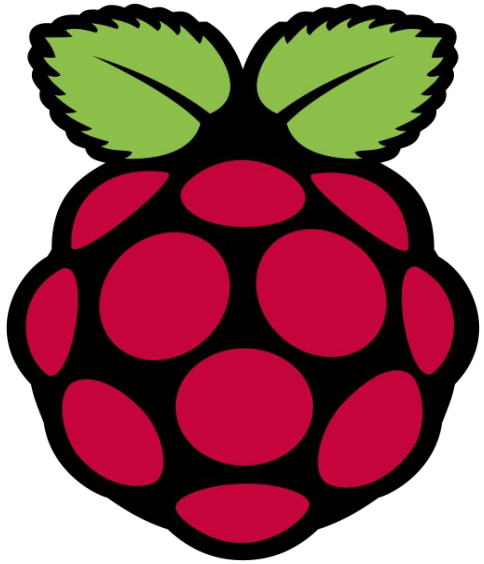

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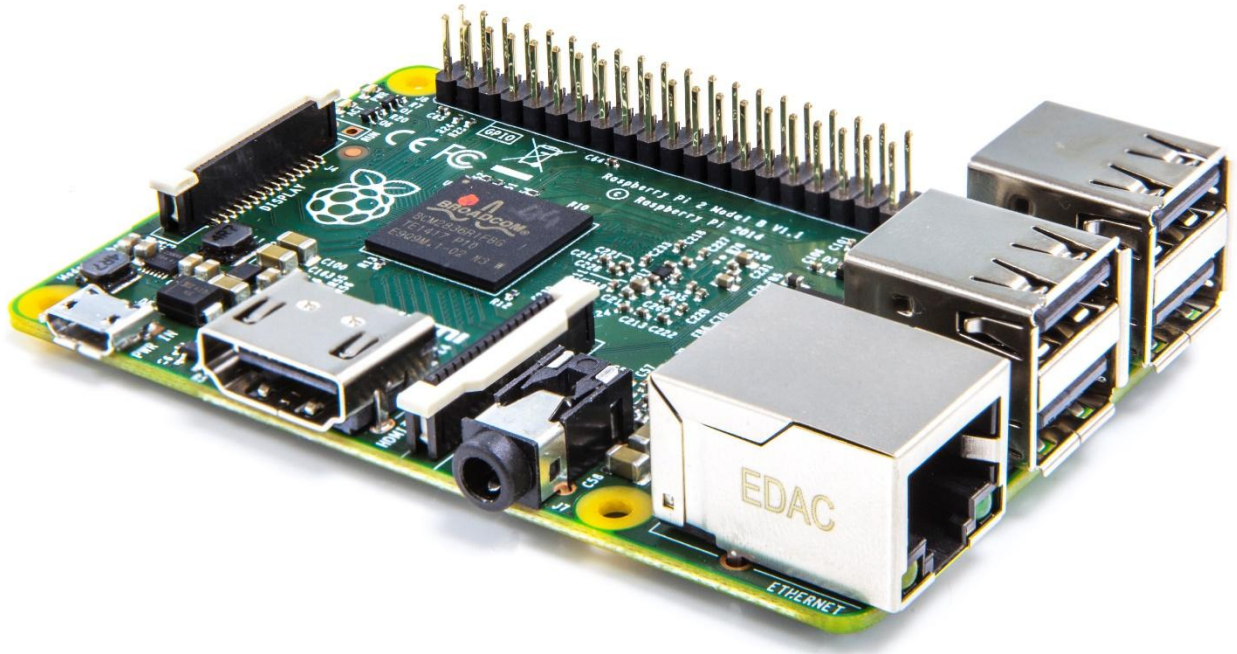

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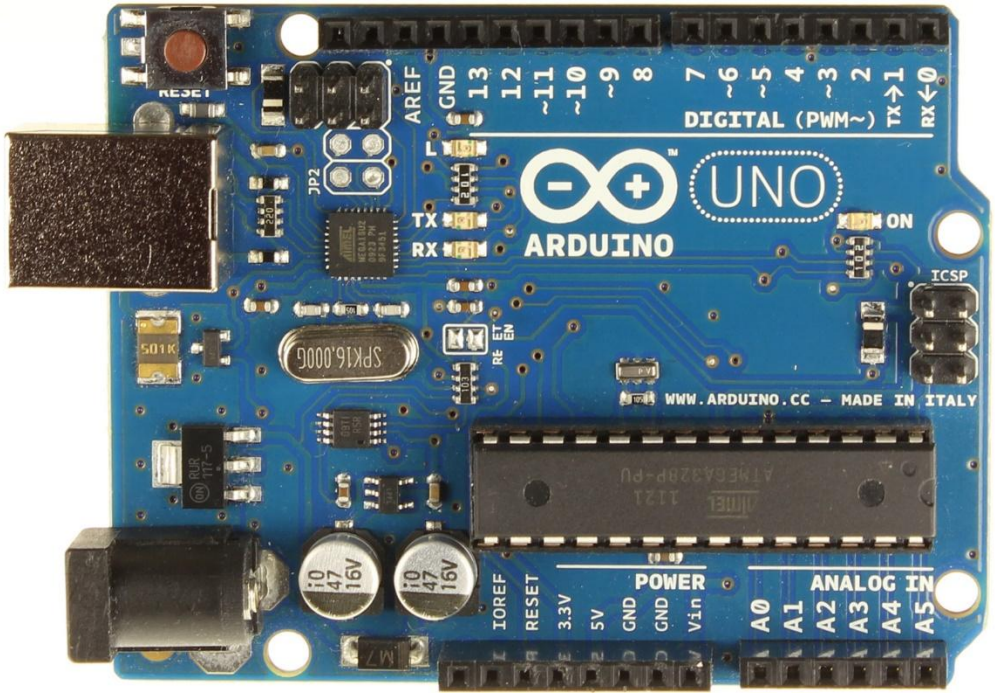

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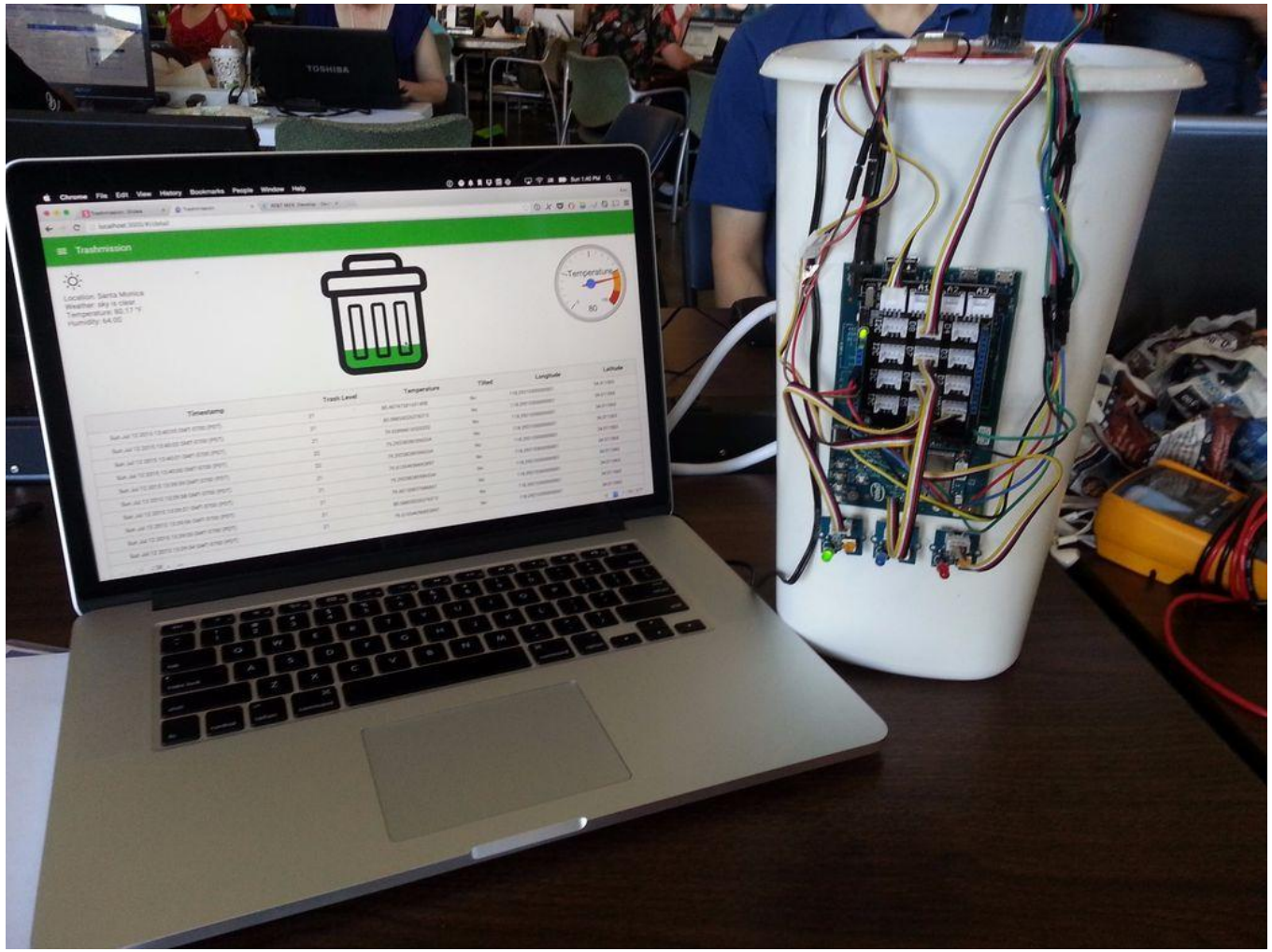
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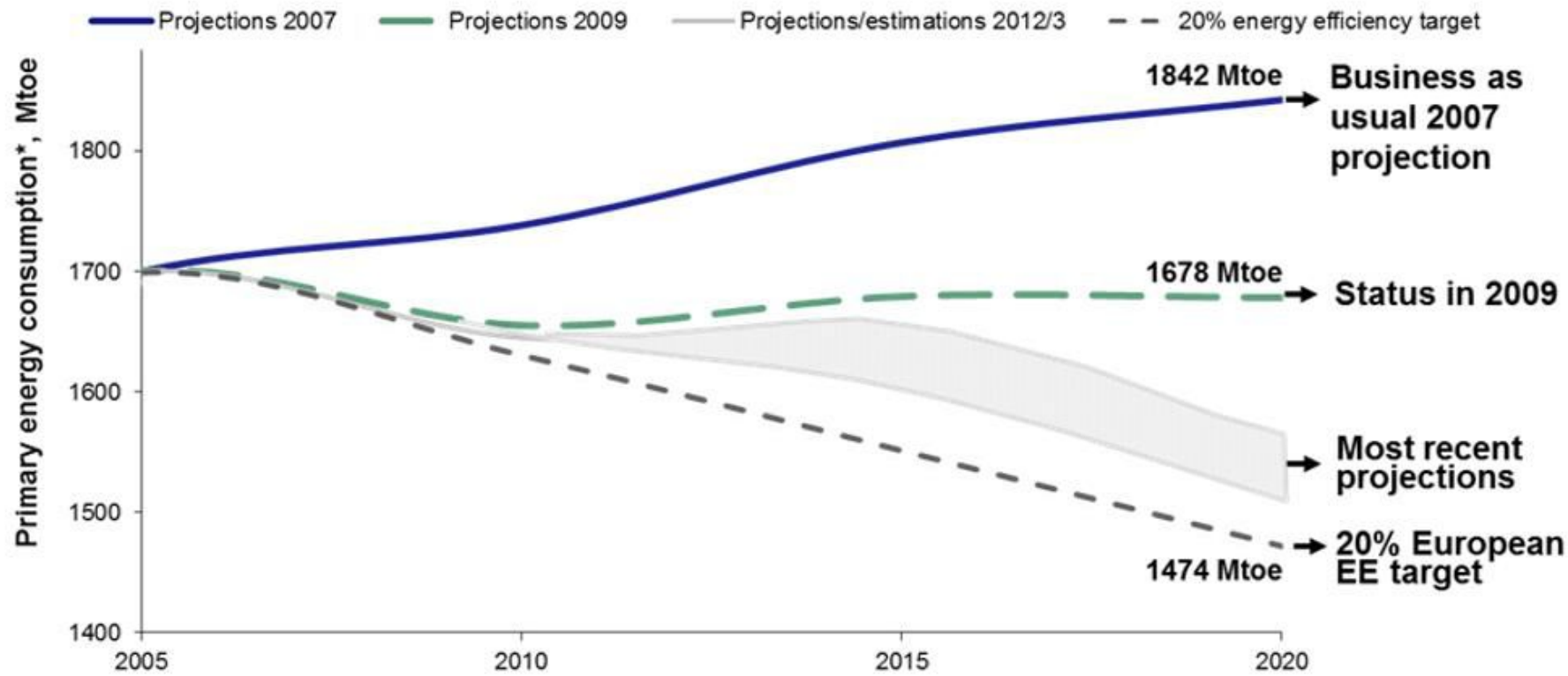
Projections 2007
Projections 2009
Projections/estimations 2012/3
20% energy efficiency target
Primary energy consumption*, Mtoe
1800
1700
1600
1500
1400
2005
2010
2015
2020
1842 Mtoe
Business as usual 2007 projection
1678 Mtoe
Status in 2009
Most recent projections
20% European EE target
1474 Mtoe