



Welcome to the World of Standards



SAREF4CITY: TOWARDS AN EXTENSION OF THE SAREF ONTOLOGY FOR SMART CITIES

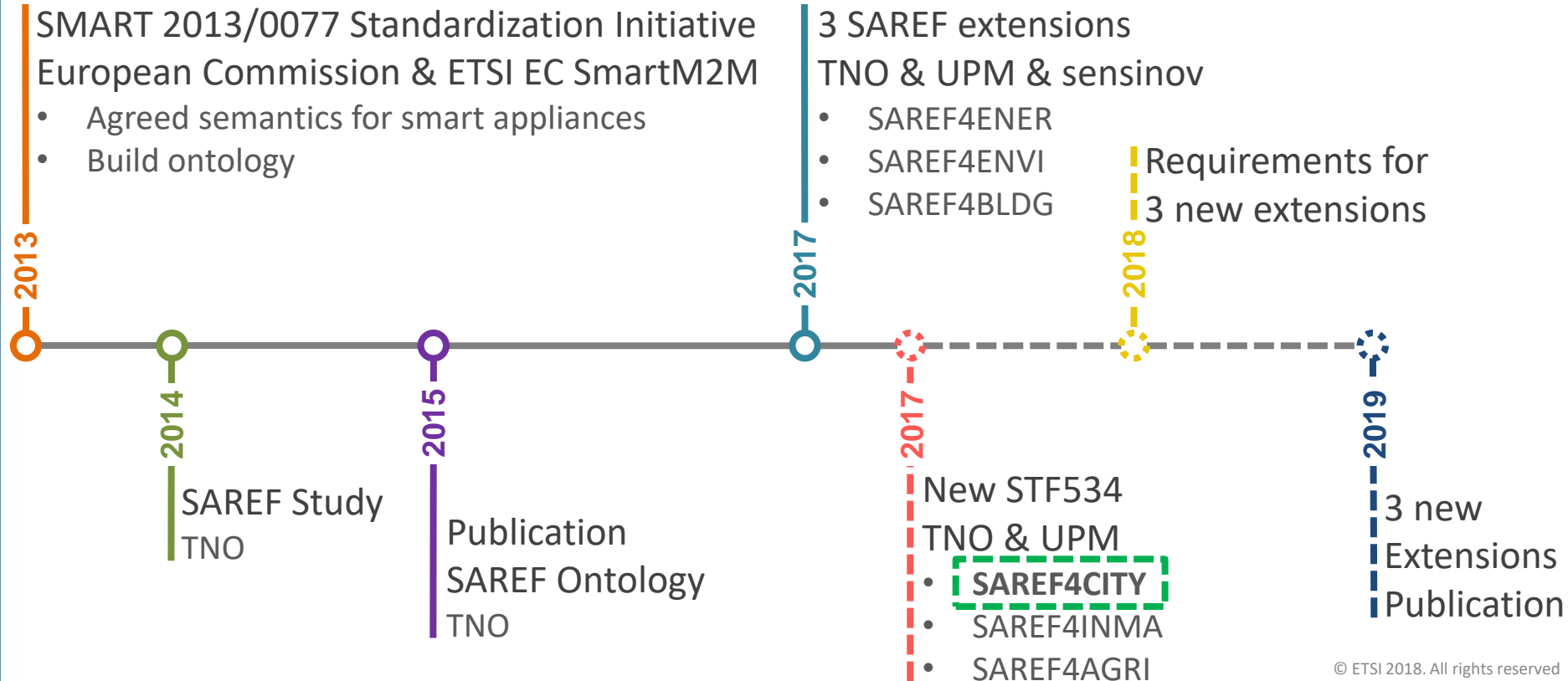
María Poveda-Villalón (UPM) and Raúl García-Castro (UPM)

Connected Smart Cities Conference 2018, Brussels, 11 January 2018

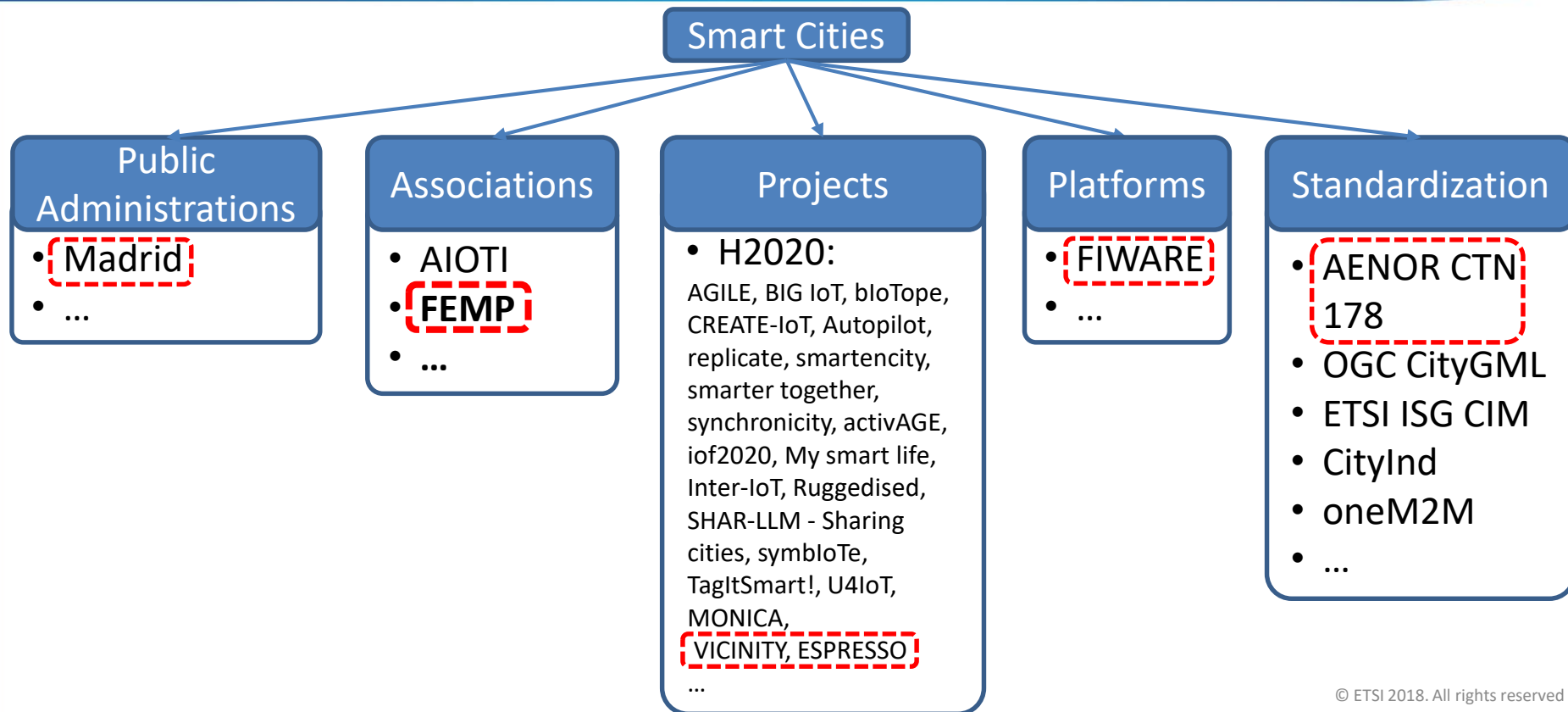


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SAREF OVERVIEW



SMART CITIES STAKEHOLDERS REVIEW



DOMAINS IDENTIFIED

KPI (23)

Territory (22)

City service (19)

Location (19)

Tourism (17)

Traffic (12)

Events (10)

Business (8)

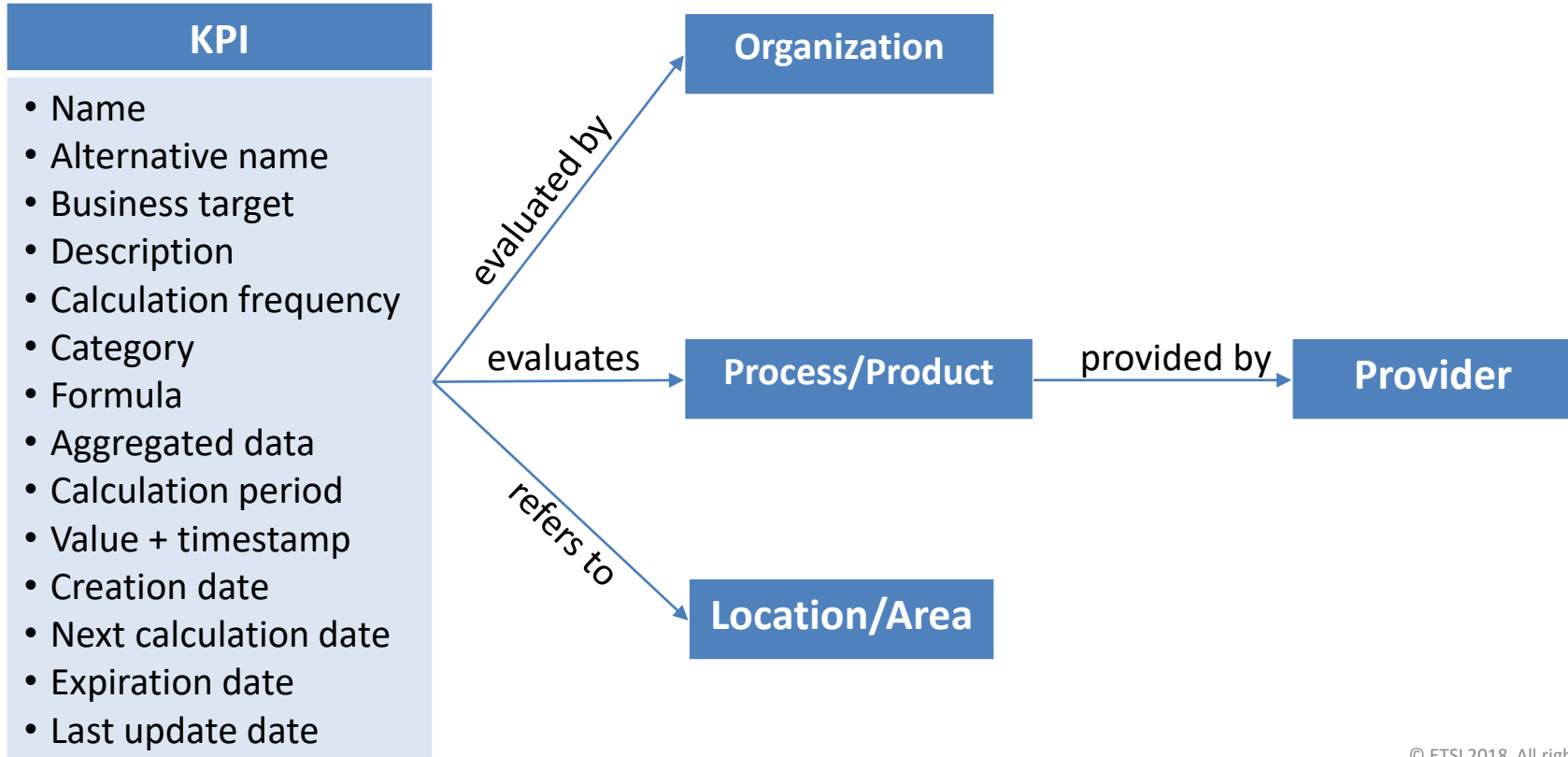
Transport (7)

Equipment (6)

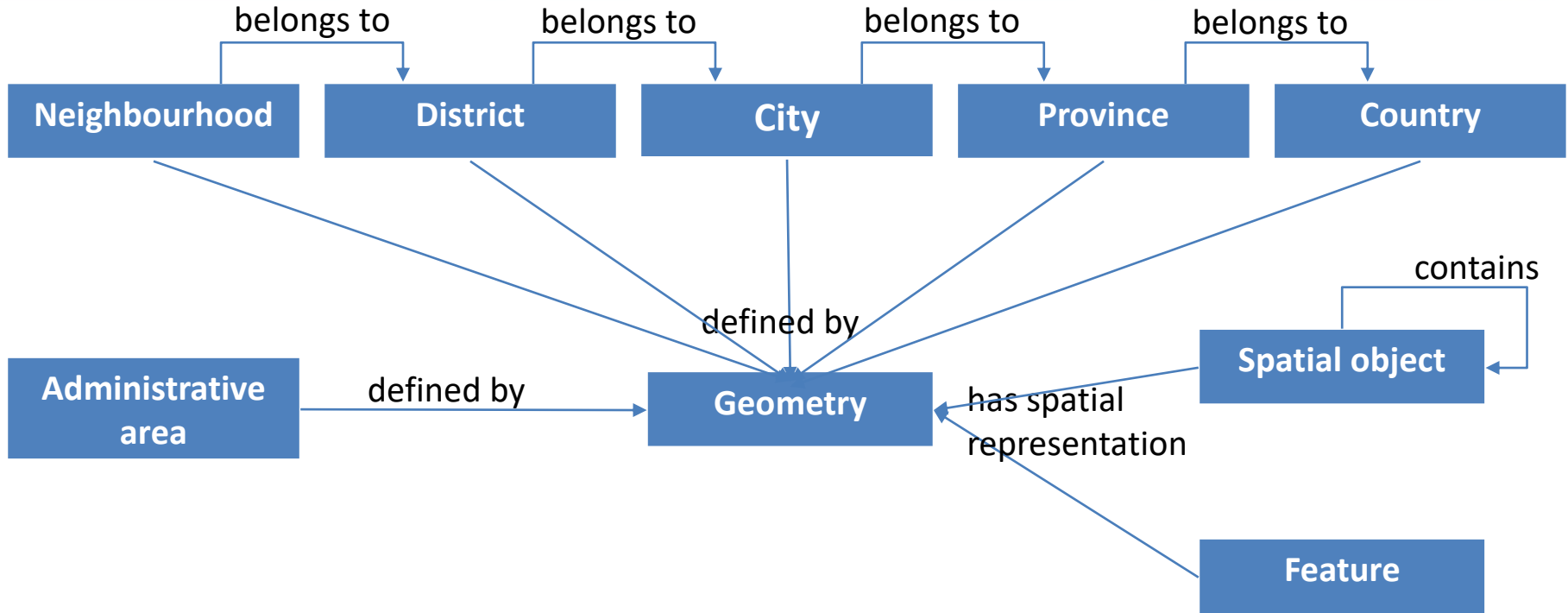
Parking (4)

- For each domain:
 - Which are **core** concepts?
 - What is **out of scope**? Is it relevant in other domain?
 - Is there something **missing**?

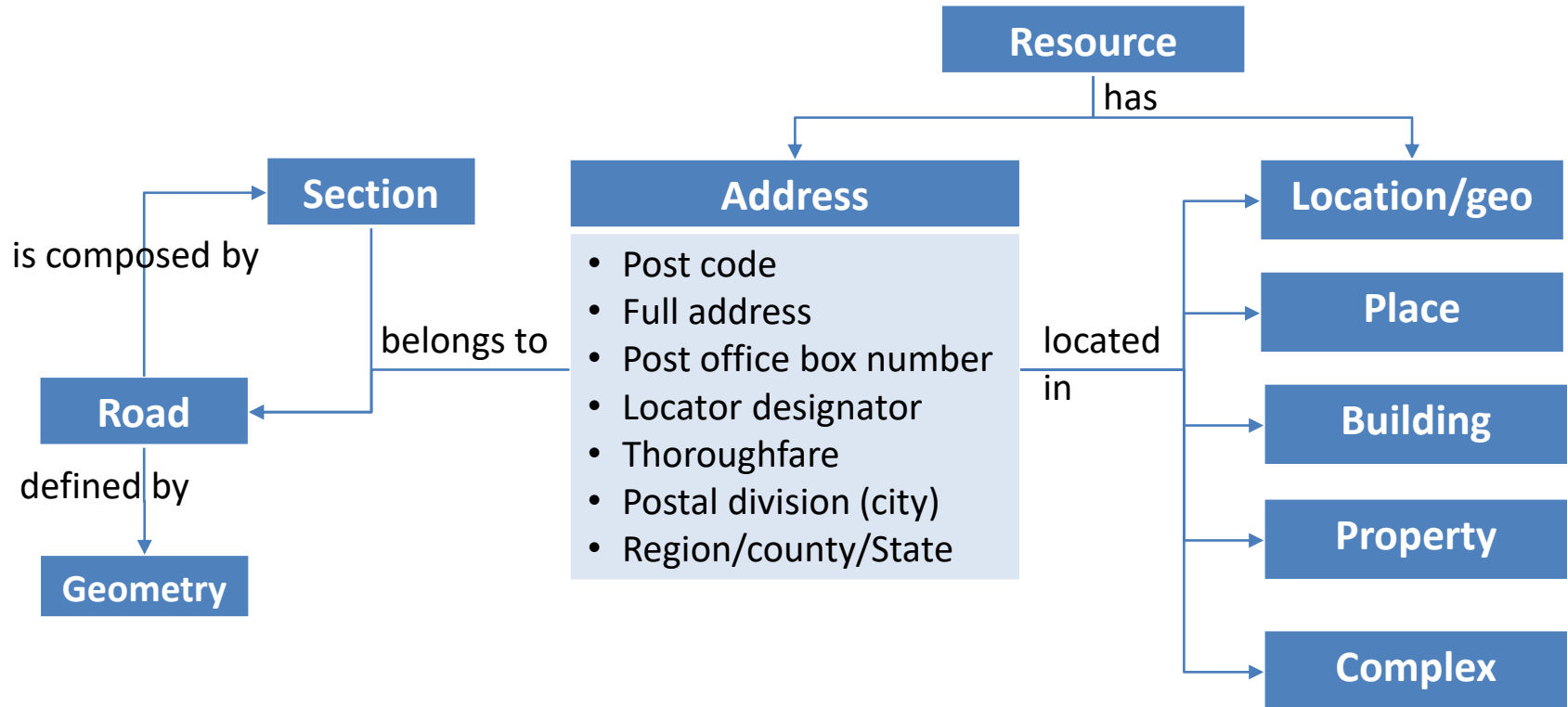
KPI (23 REQUIREMENTS) - TERMS



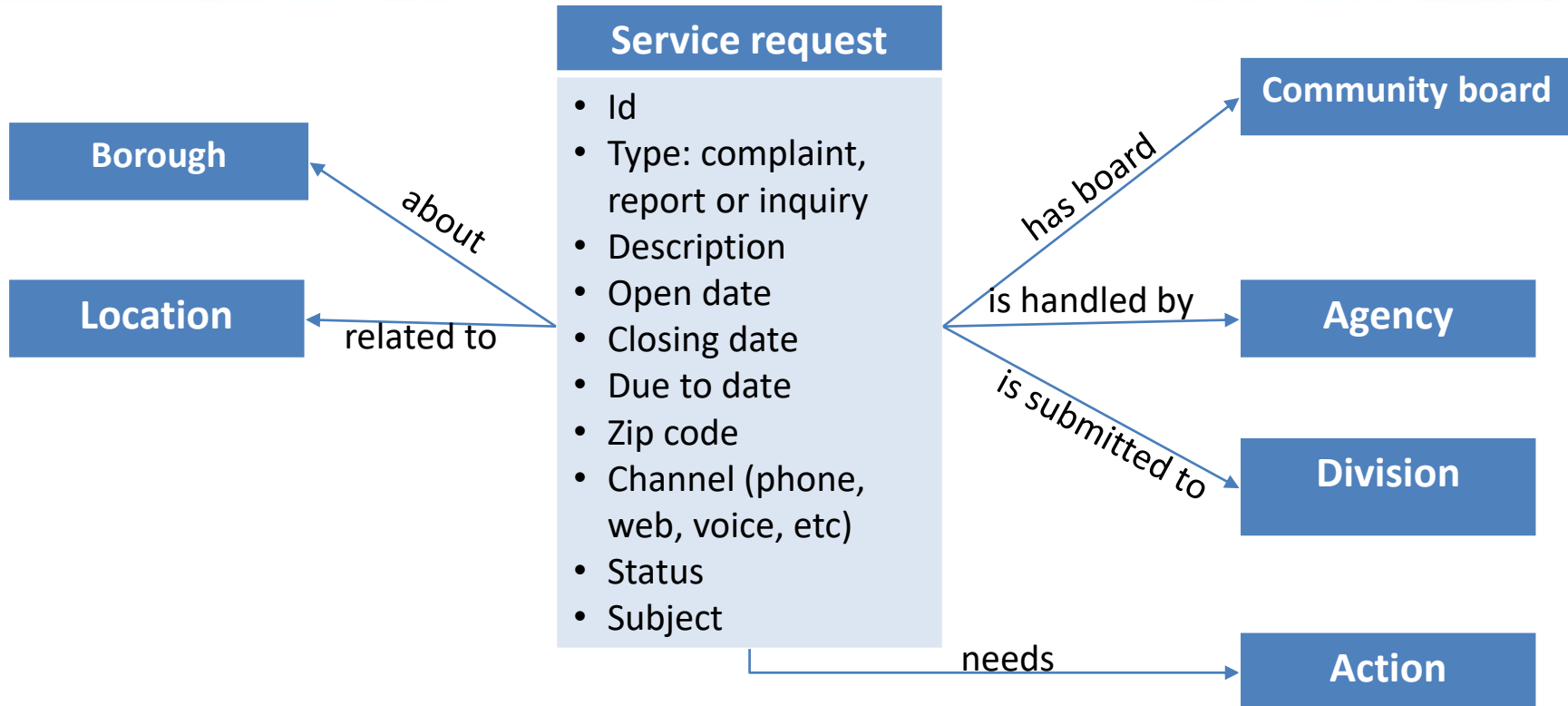
TERRITORY (22 REQUIREMENTS) - TERMS



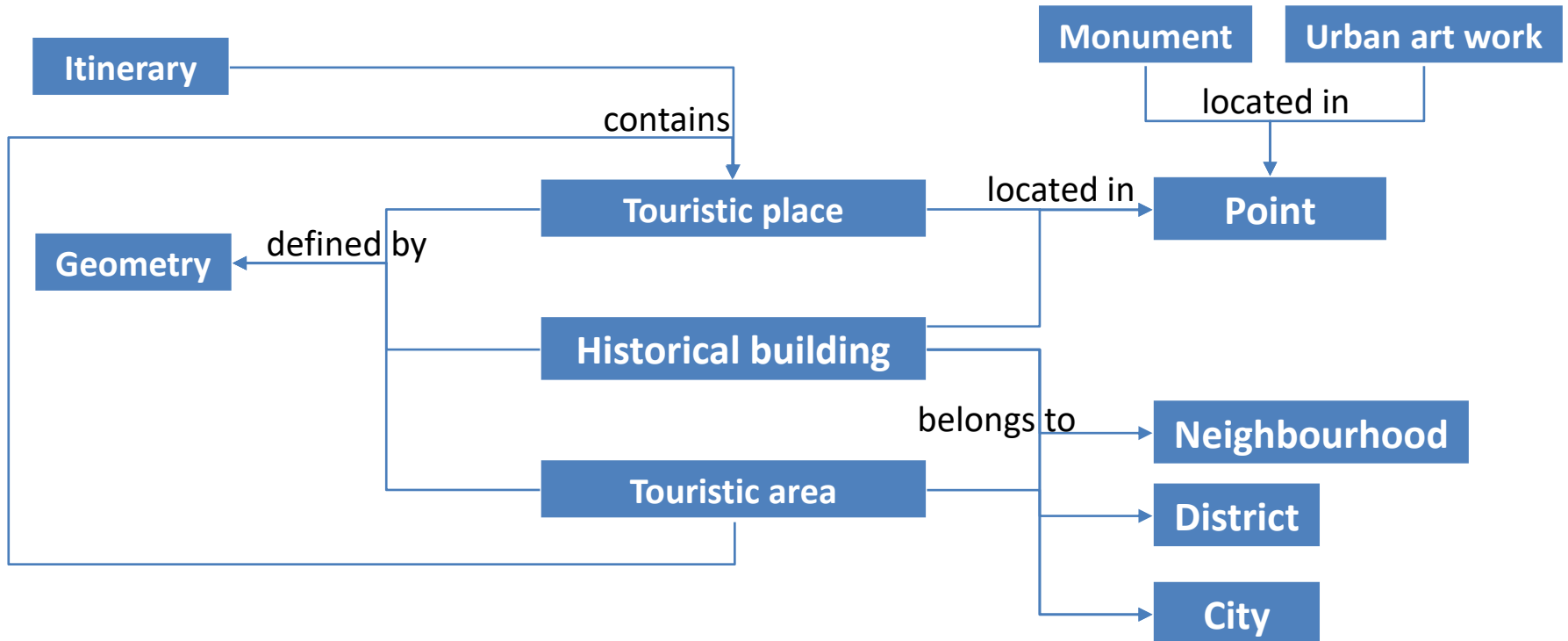
LOCATION (19 REQUIREMENTS) - TERMS



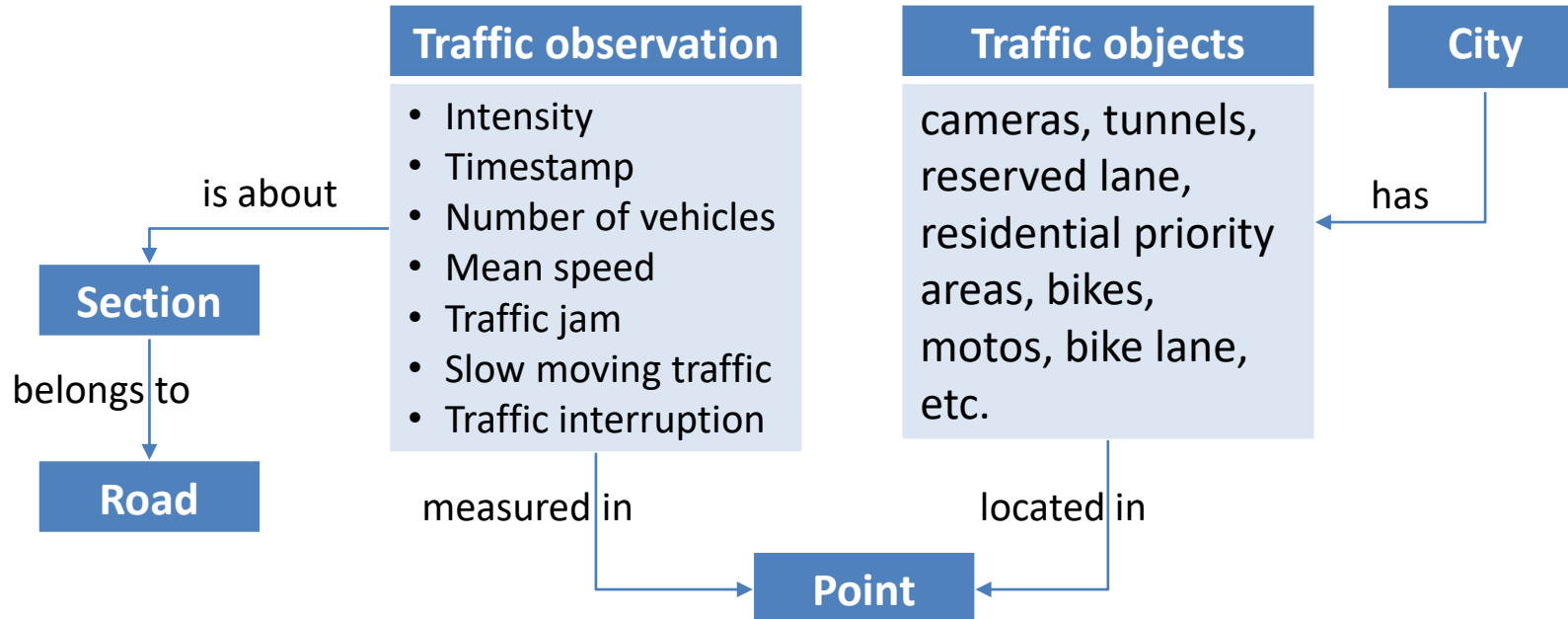
CITY SERVICE (19 REQUIREMENTS) - TERMS



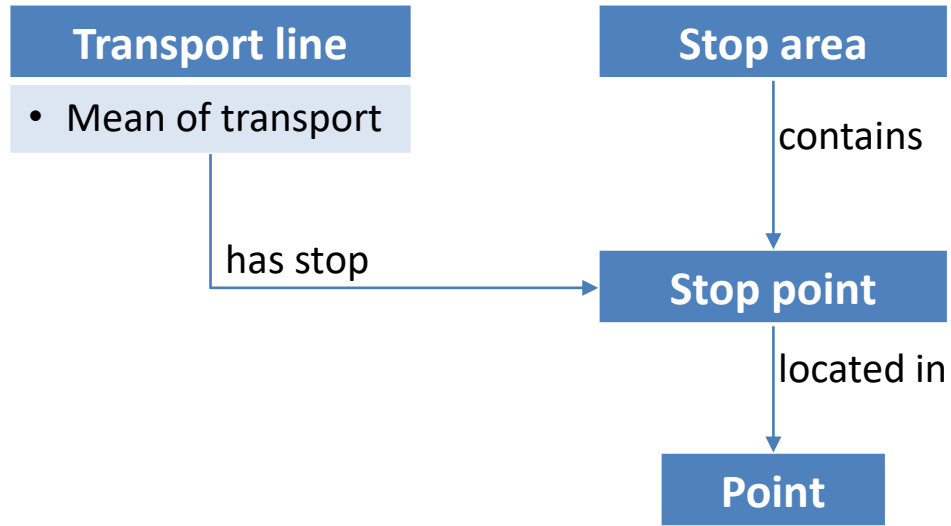
TOURISM (17 REQUIREMENTS) - TERMS



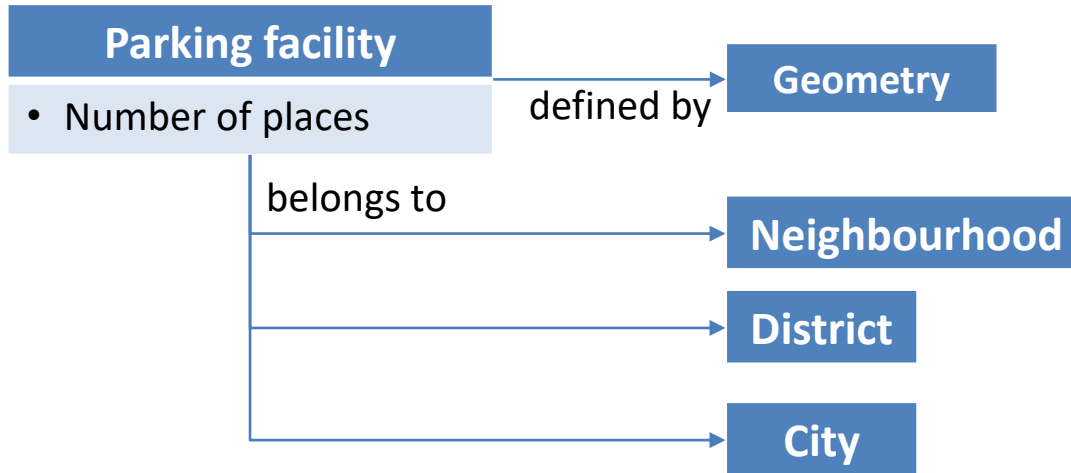
TRAFFIC (12 REQUIREMENTS) - TERMS



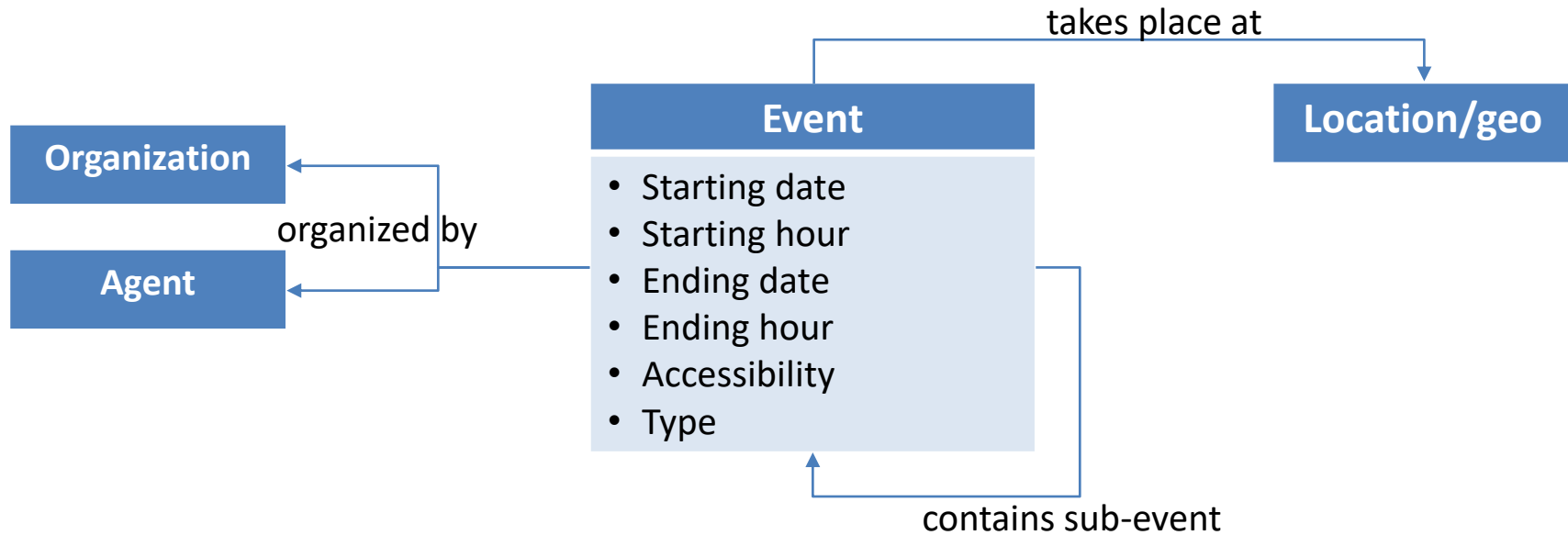
TRANSPORT (7 REQUIREMENTS) - TERMS



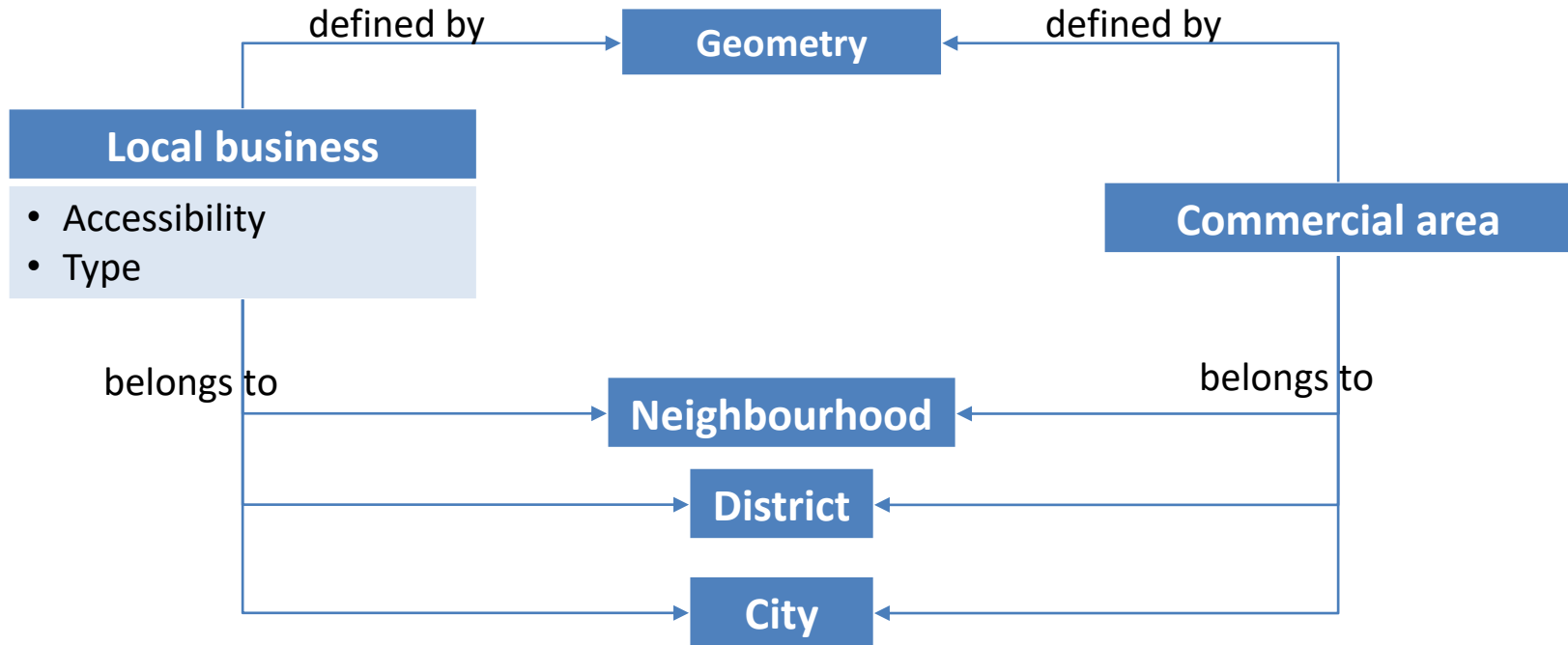
PARKING (4 REQUIREMENTS) - TERMS



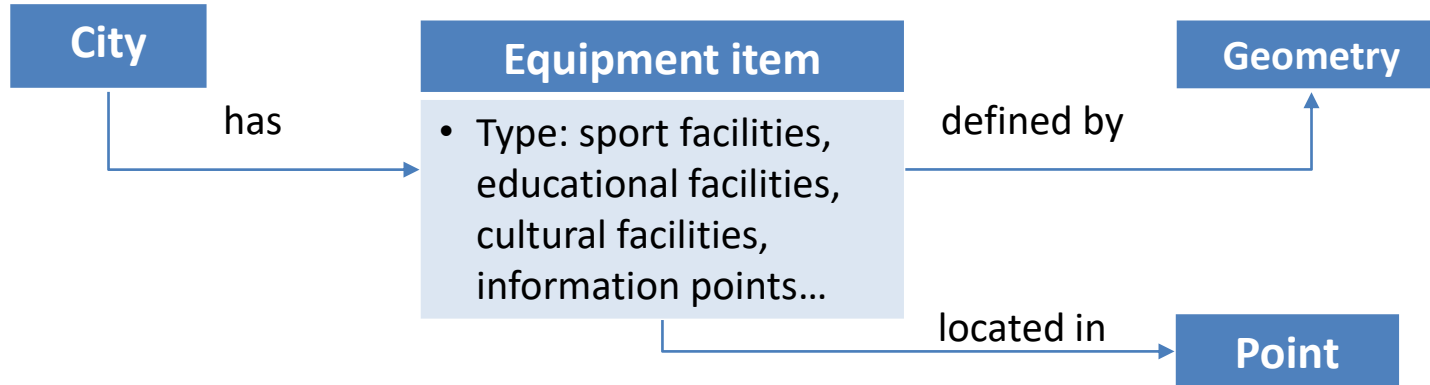
EVENT (10 REQUIREMENTS) - TERMS



BUSINESS (8 REQUIREMENTS) - TERMS



EQUIPMENT (6 REQUIREMENTS) - TERMS



- Consultation and involvement of stakeholders is key to ensure that the new SAREF extensions are supported from beginning of their development and subsequently adopted by industry
- **STF 534 is seeking input from industry, standardization bodies, AIOTI, H2020 LSPs, etc.**
 - Use cases
 - Requirement validation

Thank you for your attention!