

Stefano Maffei
Venanzio Arquilla

MOBILITY

Laboratorio di Design Concept

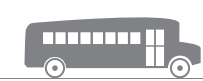
Alessandro Carelli
Maria Dukhvalova
Dzina Skuratovich



MOBILITY

PRINCIPIO DI DIVISIONE

MASS TRANSIT



MOTORIZED



NOT-MOTORIZED



PEDESTRIAN



INDIVIDUAL

COLLECTIVE

PERSONAL TRAVEL
ASSISTANT

THE GREEN
WHEEL

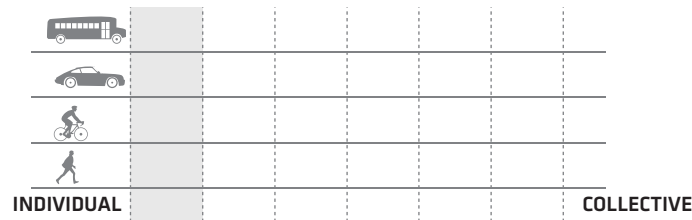
MOBILITY-ON-DEMAND
SMART CITIES

CUD:
CONNECTED
BUS

THE OPEN
PLANNING
PROJECT

TRANSBAY
TRANSIT
CENTER

PERSONAL TRAVEL ASSISTANT_CONNECTED URBAN DEVELOPMENT



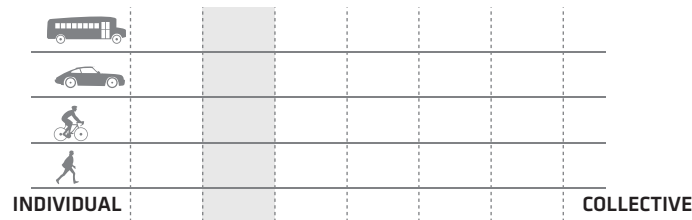
TAG:

mobility innovation project
 pilot_project soul individual
 inspiration mesh_network
 node article wireless
 sustainability
 geolocalization
 technology community\
 laboratory mit ecotown
 service gps l
 ocal-base-managment sustainability
 cisco cdu



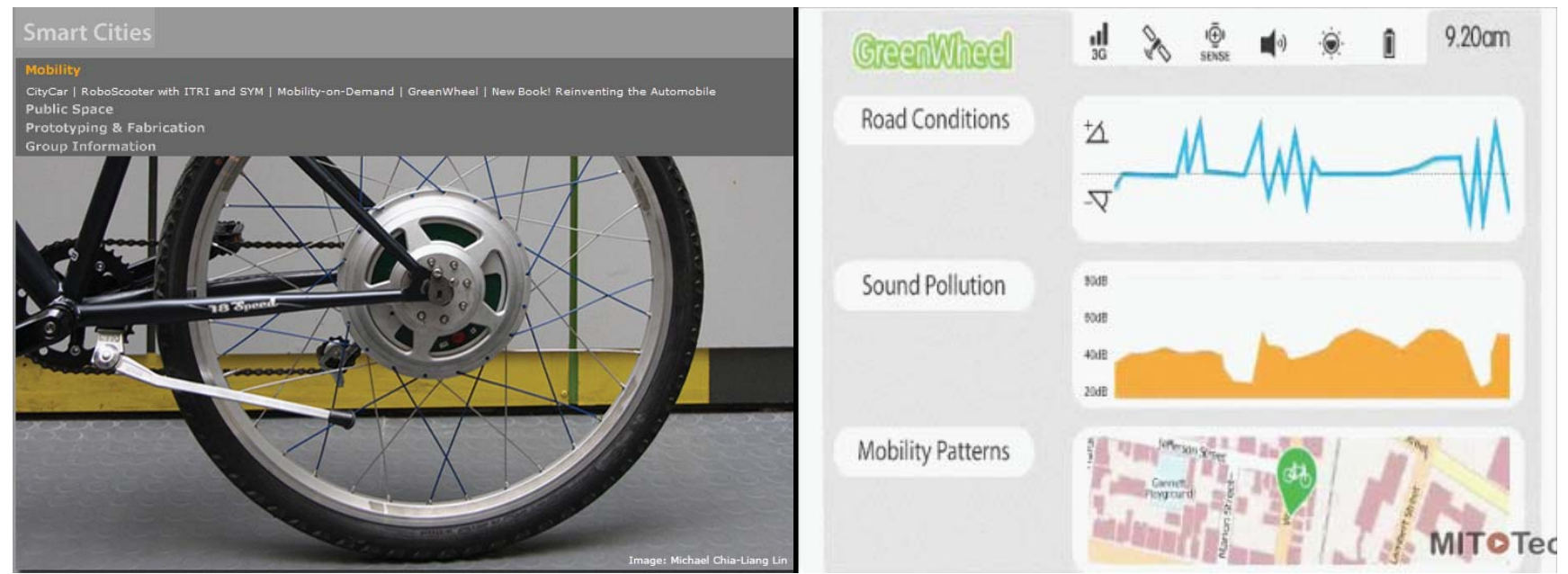
Personal Travel Assistant (PTA)
 accesso diretto all'informazione sul spostamento
 "assistente virtuale"
 meshnetwork
 geolocalizzazione (GPRS, RFID)
 ottimizzare il percorso
 diminuzione del tempo impiegato e personal carbon footprint

THE GREEN WHEEL



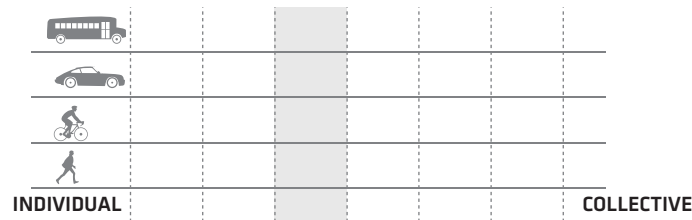
TAG

mobility innovation
 project_pilot individual
 mesh_network node wireless
 smart_phone sustainability
 geolocalization technology
 bike_2.0 research community
 laboratory sustainability
 gps sostenibile opensource
 crowdsourcing datatracking
 regenerative_electric_motor
 mit



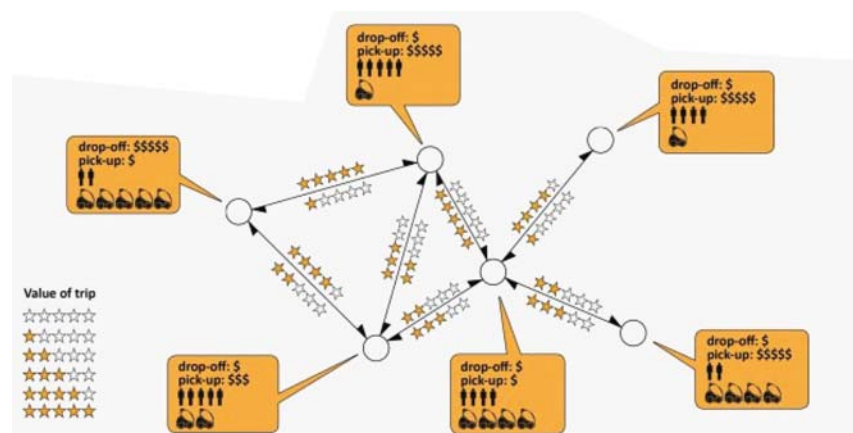
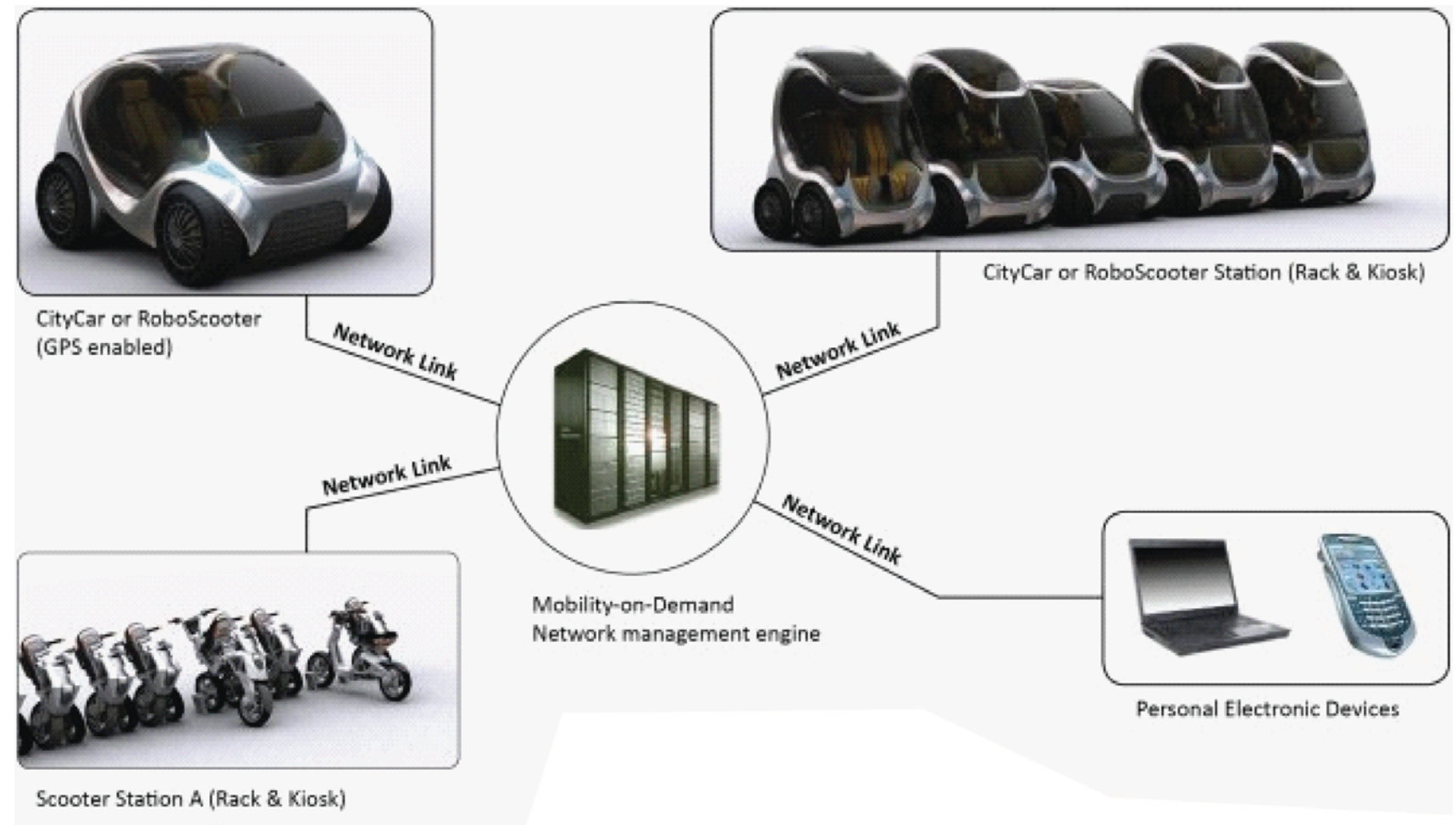
mobilità individuale
 vaolorizza mobilità sostenibile
 electric-assist wheel
 opensource tecnologia
 distributed data sensing
 qualità di vita e healthcare
 ottimizzazione della modalità sharing
 multi-modal transit

SMART CITIES: SUSTAINABLE URBAN MOBILITY-ON-DEMAND



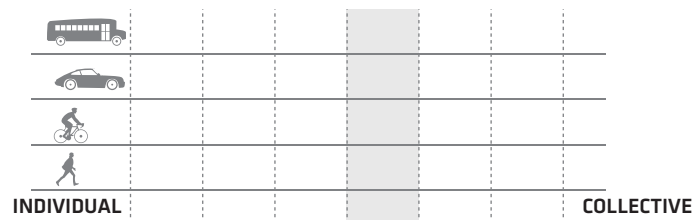
TAG

mobility innovation project
individual mesh_network
node wireless sustainability
geolocalization technology
transport mit research
laboratory gps mobility-on-
demand plug-in_hybrid_veicle



mobility-on demand
multi-modal transit
congestion pricing system
citycars ricaricabili, greenwheel bicycles, roboscooters
intelligent wireless grid
esigenze del utente (quando, dove e come spostarsi)

CONNECTED URBAN DEVELOPMENT (CUD)



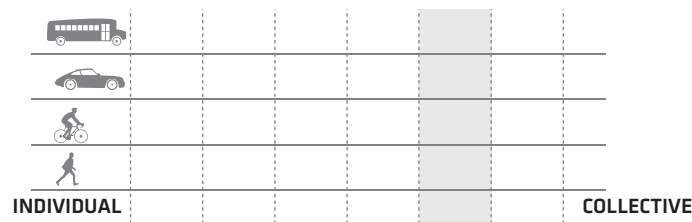
TAG

mobility innovation
 san_francisco public
 mesh_network node wireless
 sustainability
 geolocalization technology
 transport work future
 research community
 laboratory pilot_project
 ecotown service
 local-base_managment cisco mit
 cdu



informazione e tecnologie di comunicazione (ICT)
 l'informazione accessibile in tempo reale
 la posizione del autobus sul percorso
 possibili collegamenti con altre linee
 ottimizza le operazioni della gestione del trasporto
 diminuzione delle emissioni di CO2 e dei costi operativi
 mobile access router, personal computers, touchscreen monitors e software apposti)
 Intelligent urban furniture

TOPP (THE OPEN PLANNING PROJECT)



TAG

mobility collective
 mesh_network activism
 sustainability
 citizen_experience
 local-base_network
 citizen_experience web_2.0
 civic_engagement
 crowdsource_info_gathering
 sense_of_place creative_
 community urban-day_event
 street_design urban_planning

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OPEN GEO STREETS BLOG GOTHAM SCHOOLS fixcity.org Bike Racks OpenTripPlanner

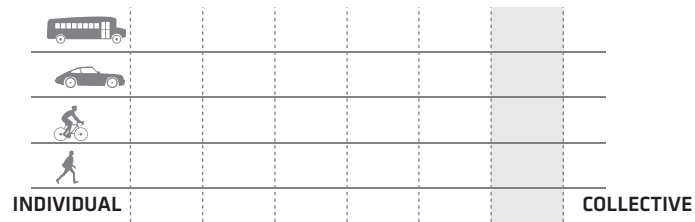
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compito di informare è involgere comunità
 rendere persone sensibili e partecipanti
 giornalistica, interview, filmati
 mobilità individuale
 singole persone fanno parte della mobilità collettiva

TRANSBAY TRANSIT CENTER

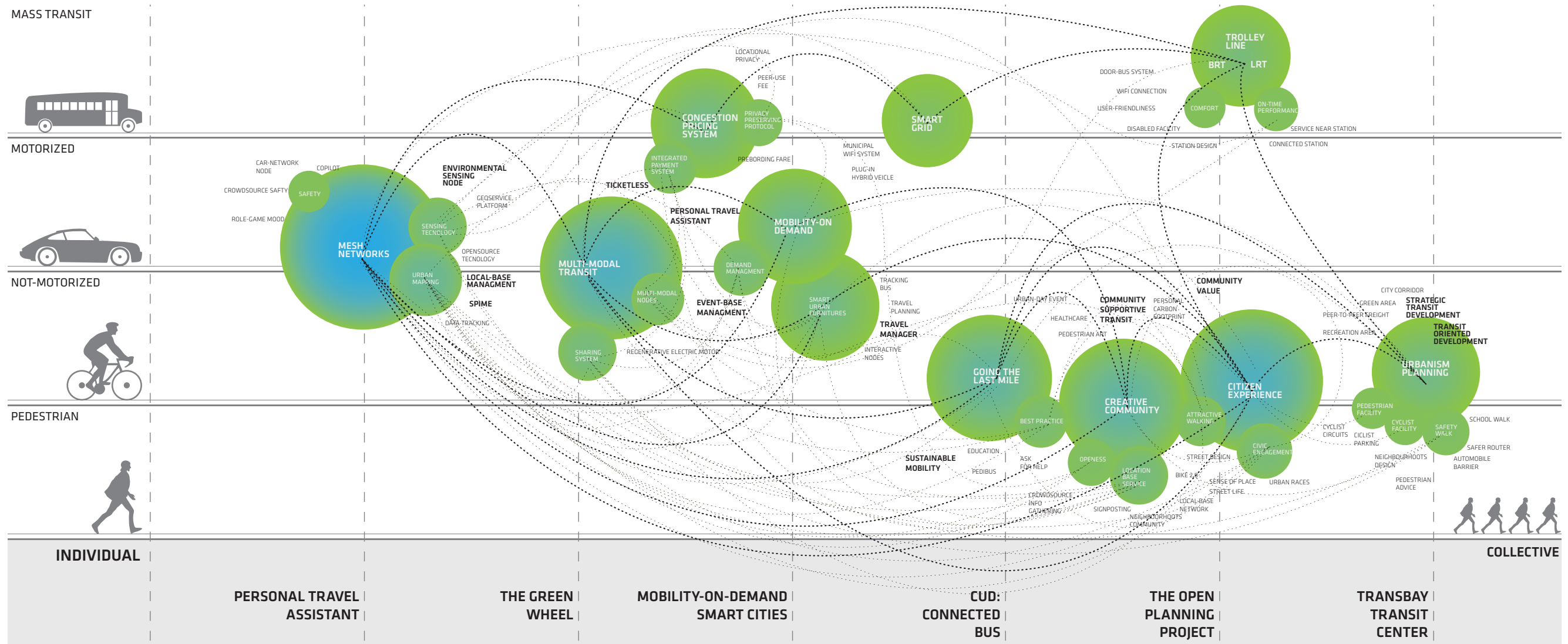


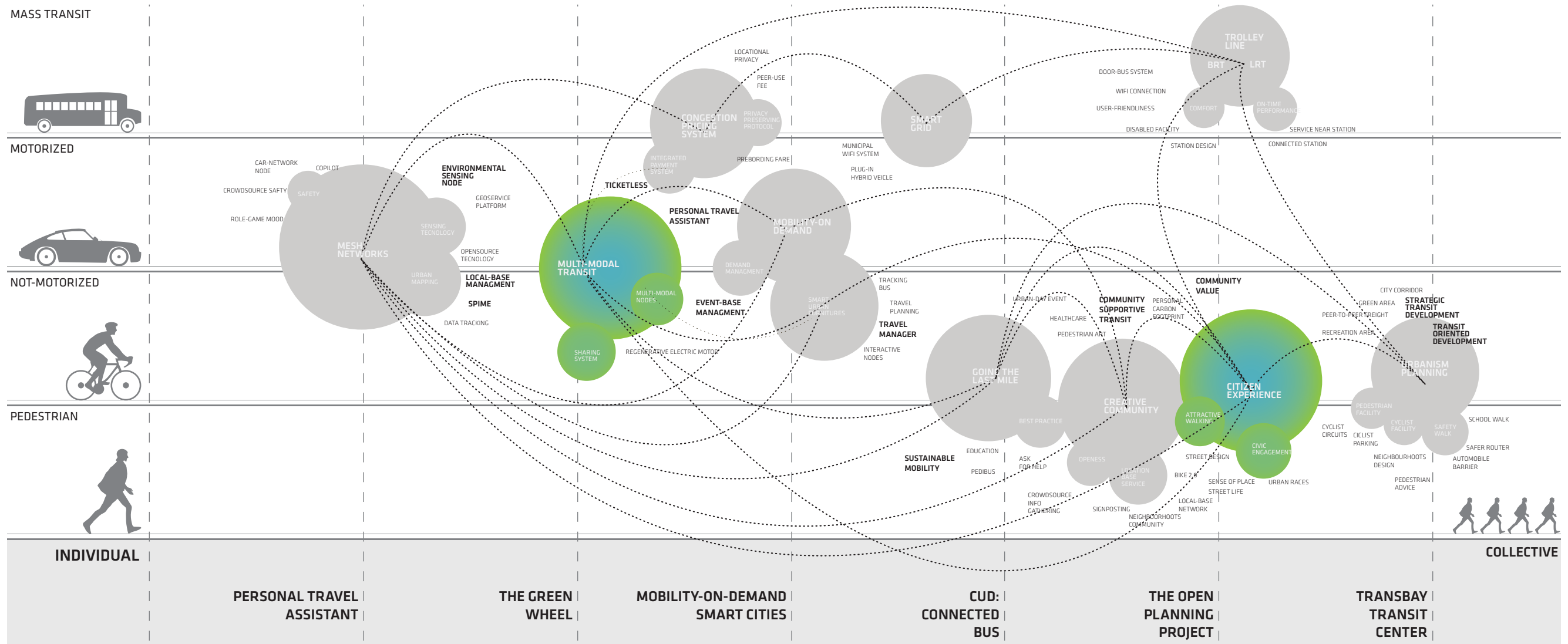
TAG

mobility innovation
mass_transit ecotown
sustainability geolocalization
technology transport
urban_planning
connected_station
light_rail_transit
rapid_bus_transit

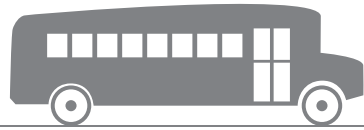


- scenario futuristico dello sviluppo della mobilità
- forte impatto sulla infrastruttura è architettura della città
- compito di legare nel migliore modo possibile i mezzi di trasporto pubblico
- stazioni-collegamenti (multi-modal hub)
- riqualificazione del territorio
- modifiche significativi nel paesaggio dell'area





MASS TRANSIT



MOTORIZED



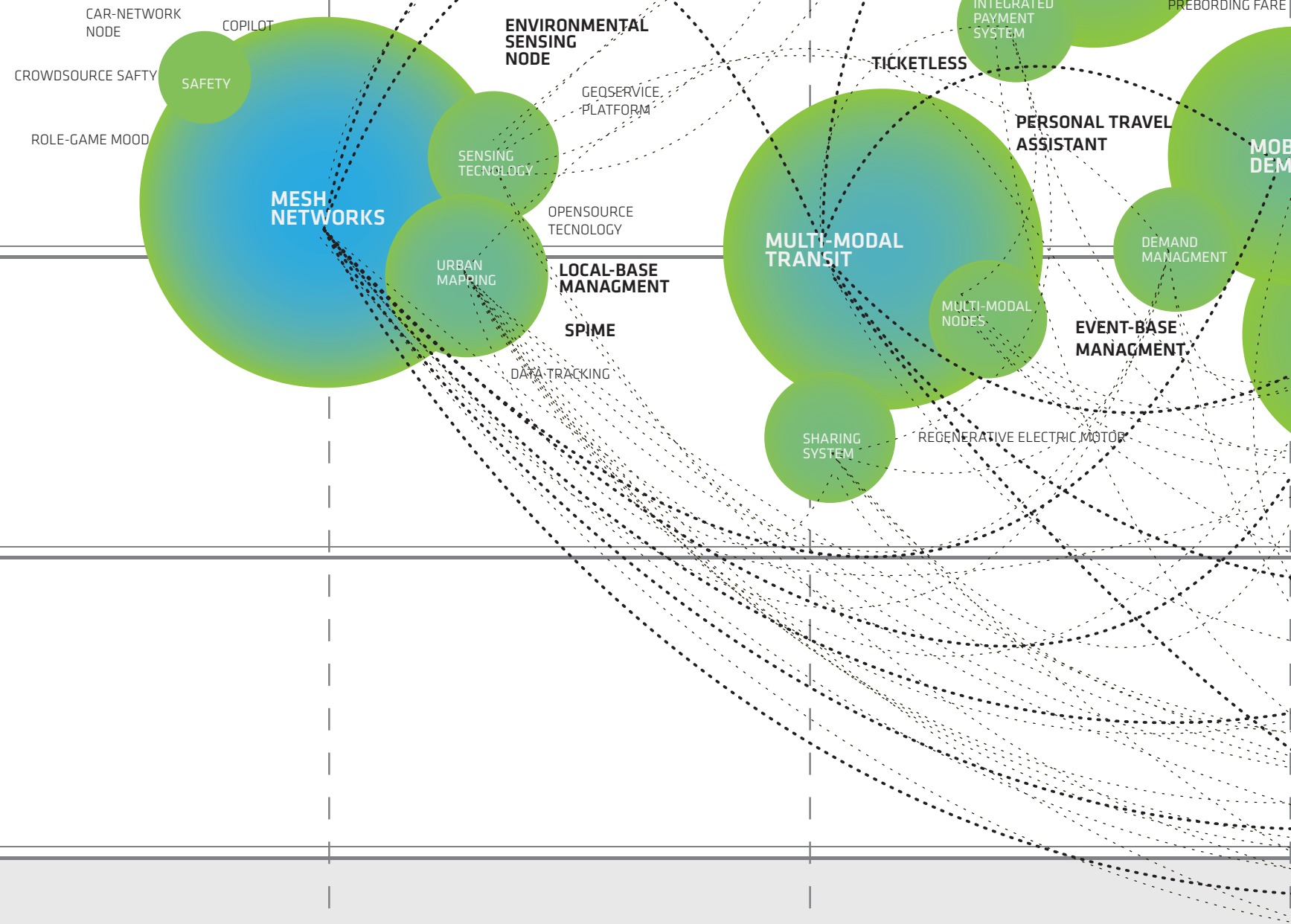
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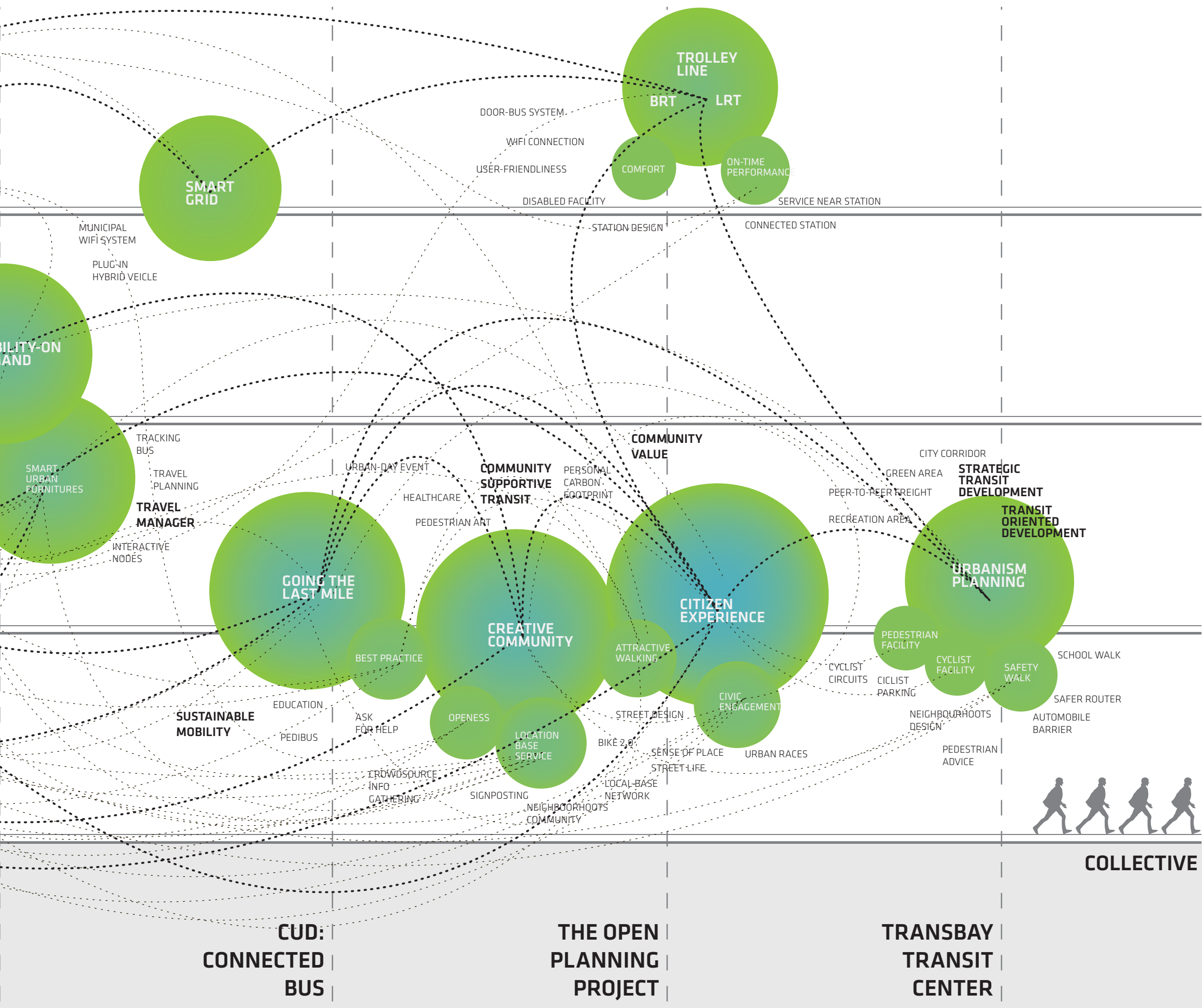
INDIVIDUAL



PERSONAL TRAVEL
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WHEEL

MOBILITY-ON-DEMAND
SMART CITIES



GRAZIE