



## **BONVOYAGE project**

<http://bonvoyage2020.eu/>

Call: Mobility for Growth

Topic: MG.7.2-2014. Towards seamless mobility addressing fragmentation in ITS deployment in Europe

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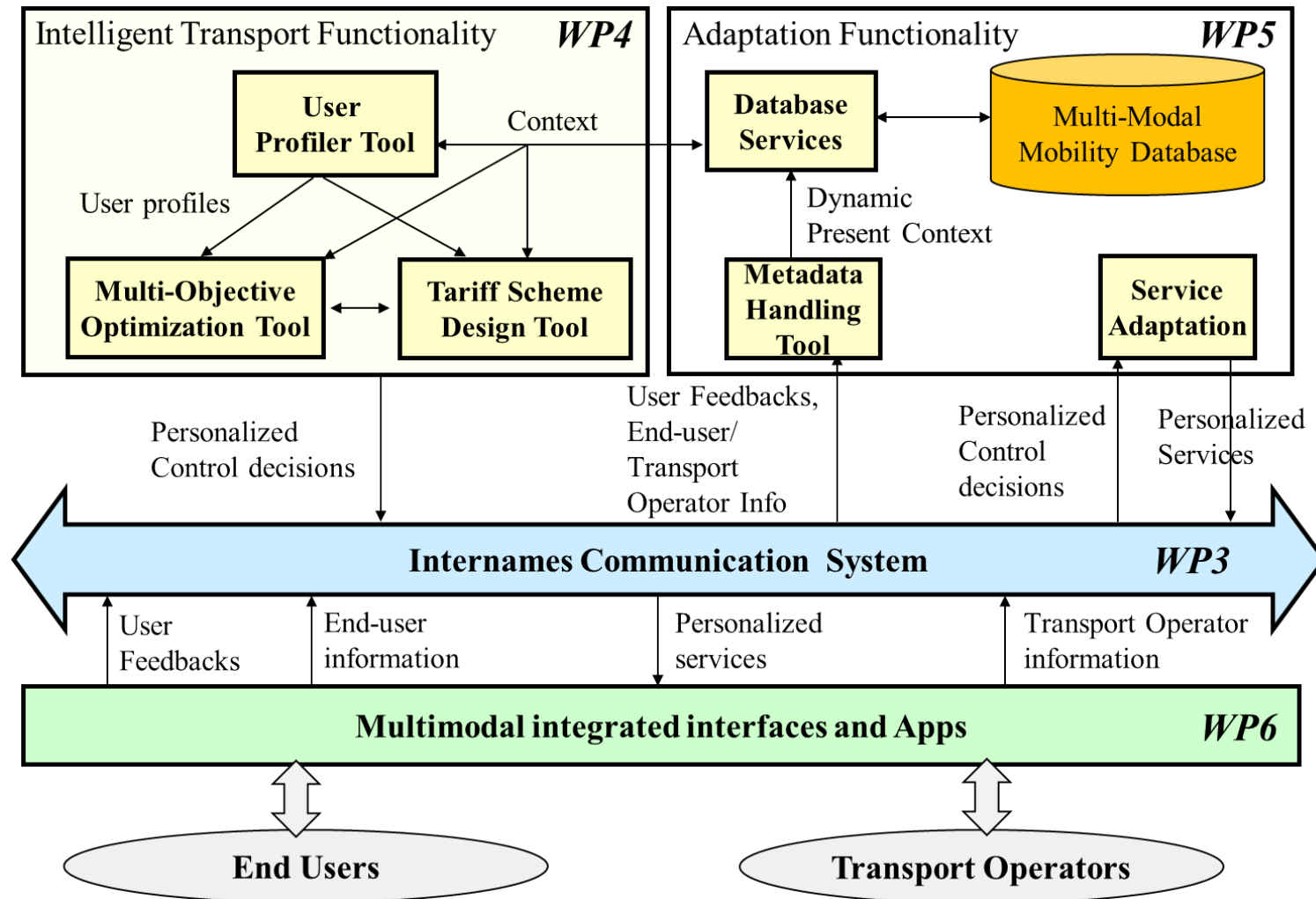
## Project essential data

- **BONVOYAGE:** From Bilbao to Oslo, intermodal mobility solutions, interfaces and applications for people and goods, supported by an innovative communication network
- Partners:
  1. CNIT
  2. ATOS
  3. AZKAR-DACHSER
  4. CEA-LETI
  5. City of Bilbao
  6. Clúster de Movilidad y Logística, MLC ITS Euskadi
  7. CRAT
  8. Fluidtime
  9. Norwegian Public Roads Administration, NPRA
  10. SINTEF
  11. TRENITALIA

## Abstract

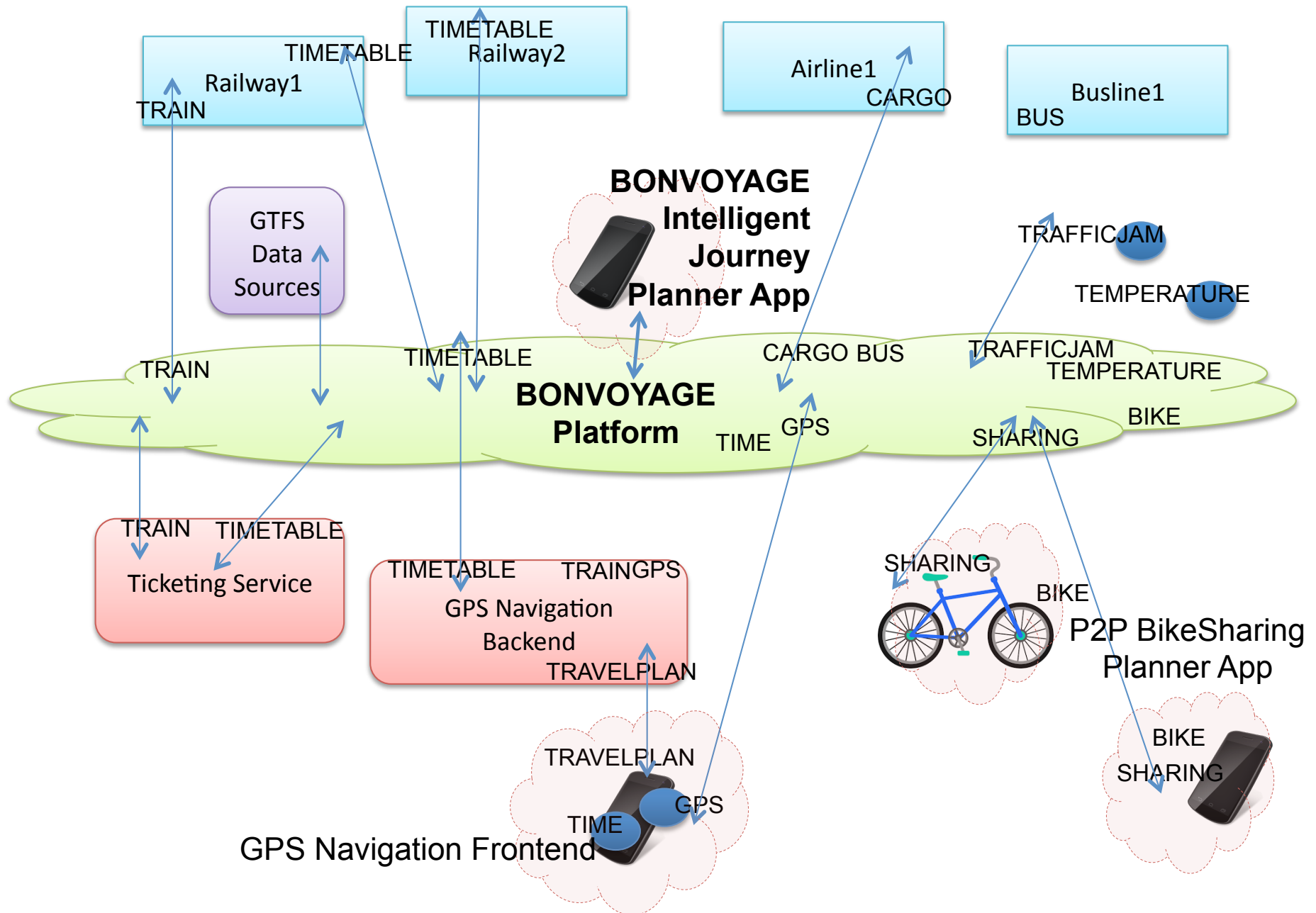
- A platform optimizing **multimodal** door-to-door transport of passengers and goods
  - Integrating travel information, planning and ticketing services
  - Automatically analysing
    - non-real-time data from heterogeneous databases (on road, railway and urban transport systems);
    - real-time measured data (traffic, weather forecasts);
    - user profiles;
    - user feedback
  - Supported by an innovative **information-centric** communication network that collects and distributes all required data

# Preliminary architecture

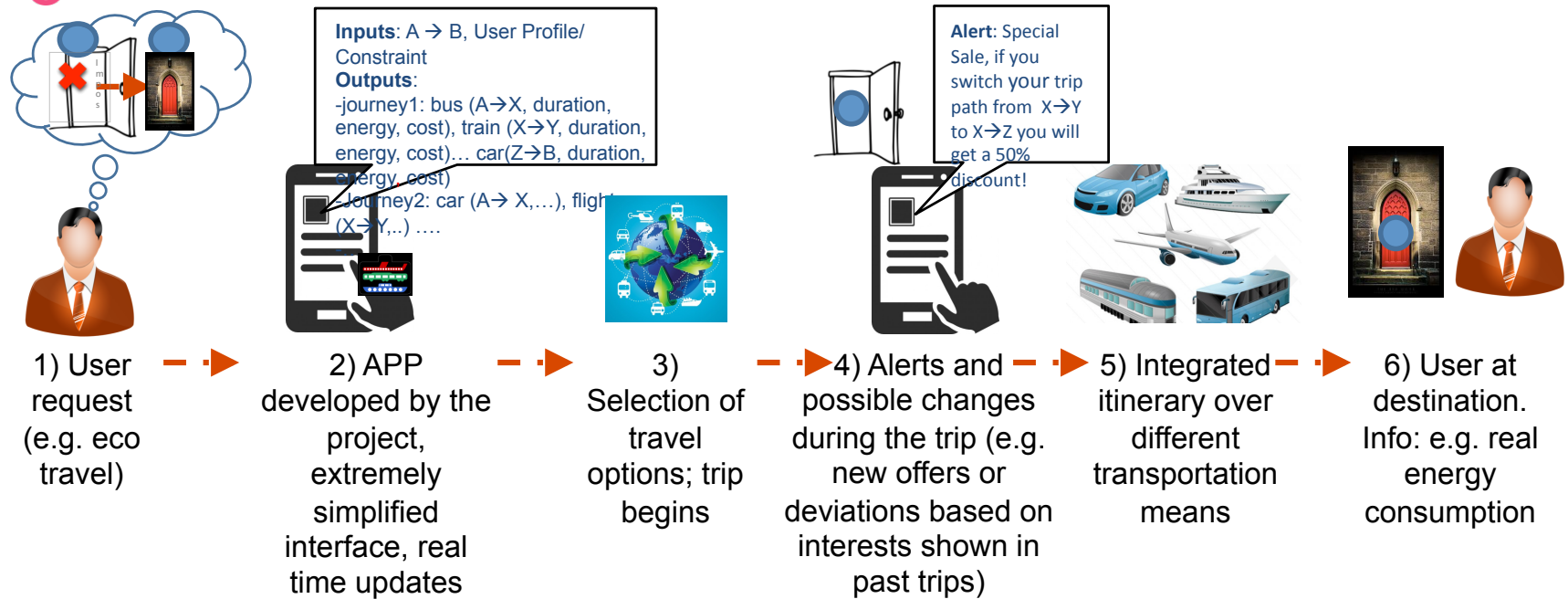




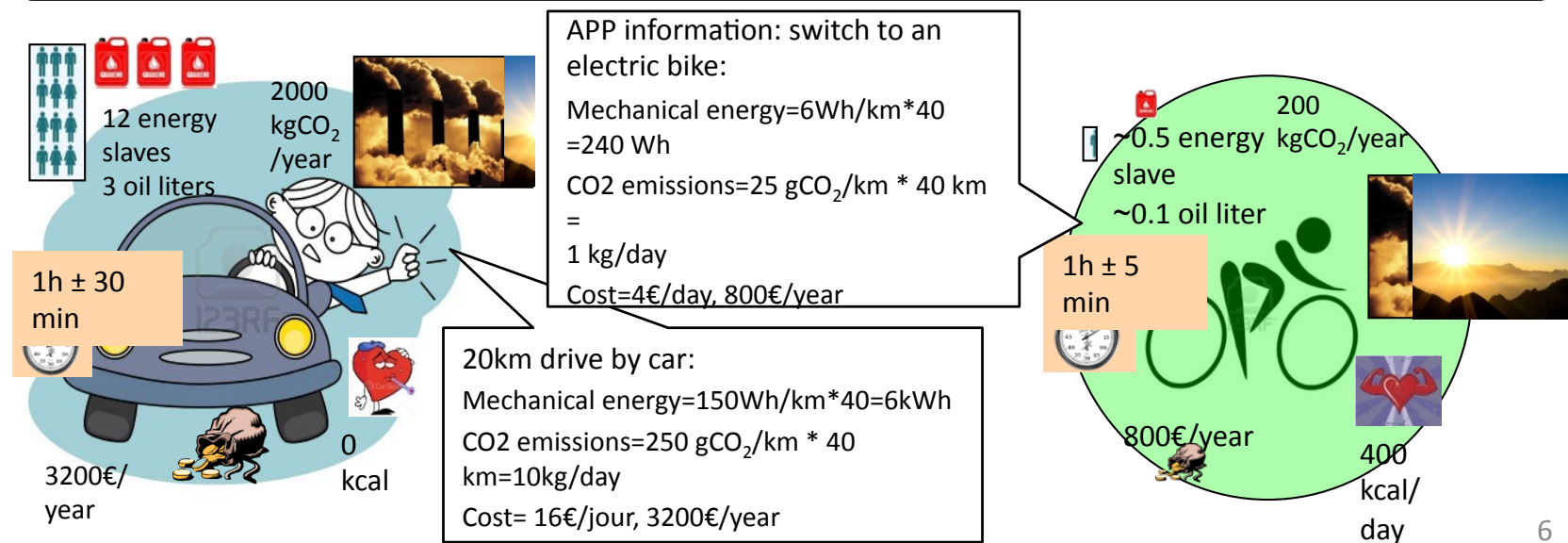
# Target Scenario (at a glance)



# Use case (example)



## INTERNAMES "bus": interactions with data-centers, sensors, other passengers/vehicles



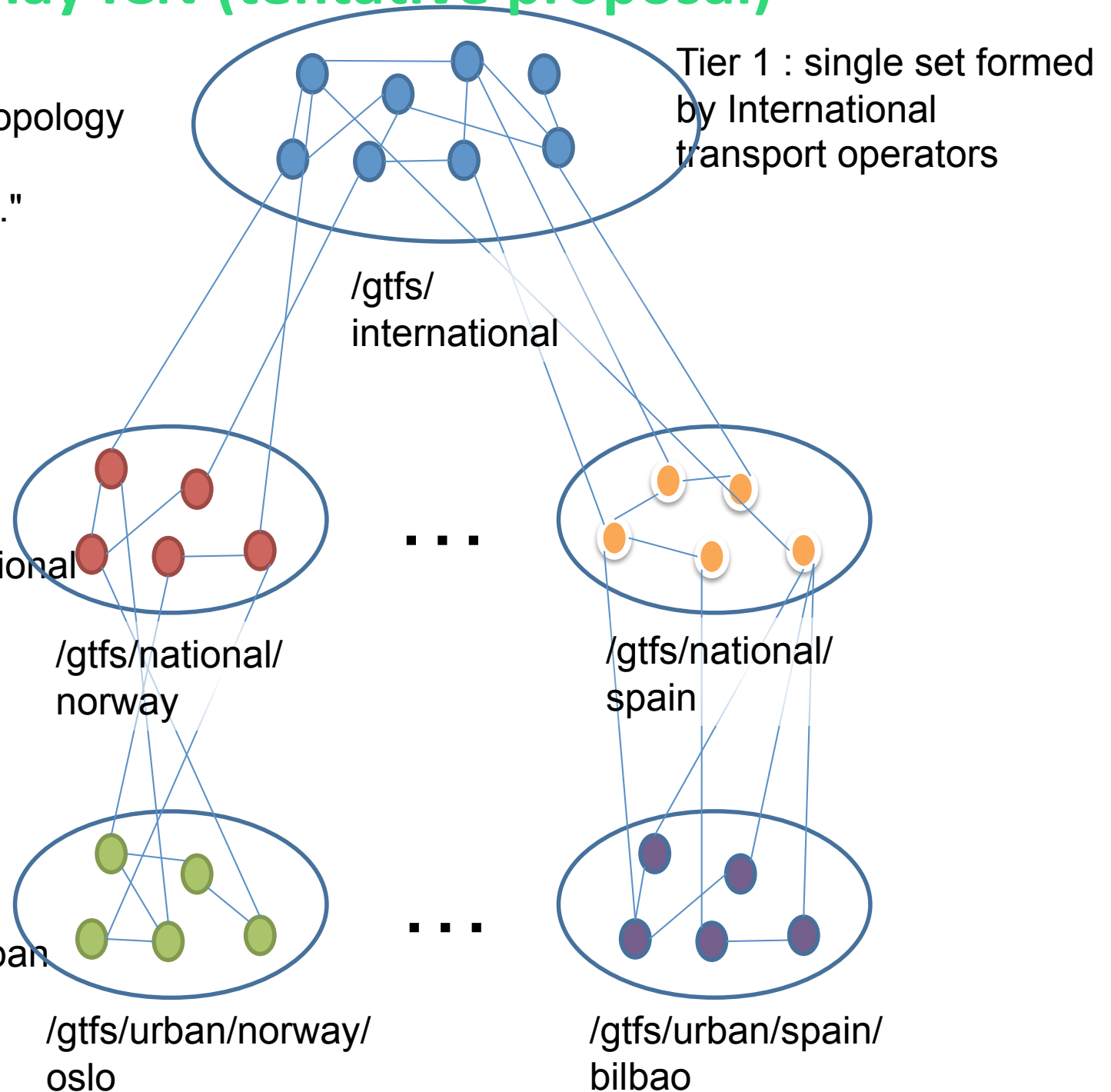


# Overlay ICN (tentative proposal)

"Addressing can follow topology  
or **topology can follow  
addressing**. Choose one."

Tier 2 : multiple sets,  
each set formed by National  
transport operators

Tier 3 : multiple sets,  
each set formed by Urban  
transport operators





Thank you  
Questions?

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