

# Ride 2Rail

*1<sup>st</sup> Stakeholder Workshop – February, 2<sup>nd</sup> 2021*

## ***S2R IP4 Travel Companion enhancement***

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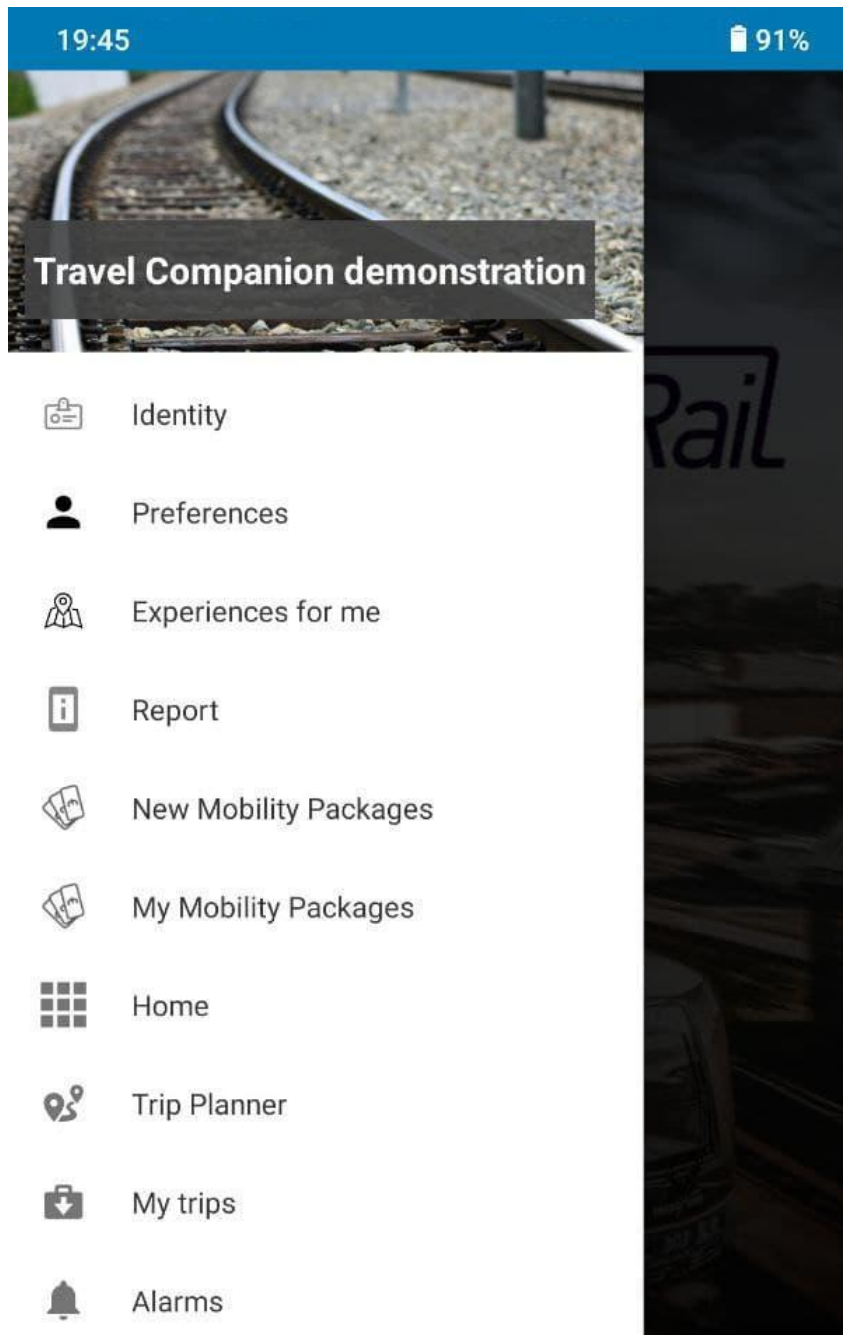
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# THE ATTRACTIVE +COHESIVE TRAVEL COMPANION







19:45 91%

### Trip Planner

**A** LISBOA CLUBE TÉNIS

**B** Oceanário Lisboa

Dep now

**SEARCH**

**LOCATIONS** TRIPS MAP

LISBOA CLUBE TÉNIS

Oceanário Lisboa



21:07 85%

← Details

Mon, 01.02.2021

21:15 22:20

736 Loc1079 Sub20734

1:05h 2x

Alarm Share Calendar Navigate Save

21:15 Rua de Portugal, Odivelas

Walk 1 minute

POMBAIS BAIRRO MAXIMINO

Google ©2021 Google

Navigate 85%

STOP

Santo António dos Cavaleiros

Bobadela

Ramada Camarate

Odivelas

Prior Velho

Moscavide

ALTA DE LISBOA

TELHEIRAS

AREIRO

Lisbon

CAMPO DE OURIQUE

BAIRRO ALTO

CAIS DO SODRE

RESTELO





19:45 91%

☰ Preferences

**PROFILE**

User Cards

Loyalty/Reduction/Payment card

Payment Card

Special Services for health reason

PRM type

PROFILE JOURNEY TRACKING

◀ ○ ▶



## RIDE2RAIL WP3: OBJECTIVES

- Enhance the S2R Travel Companion (TC) with:
  - Offer Categorizer
  - Offer Matching and Ranking
  - Incentive Provider
- Crowd-based Travel Expert
- Driver Companion
- Agreement ledger



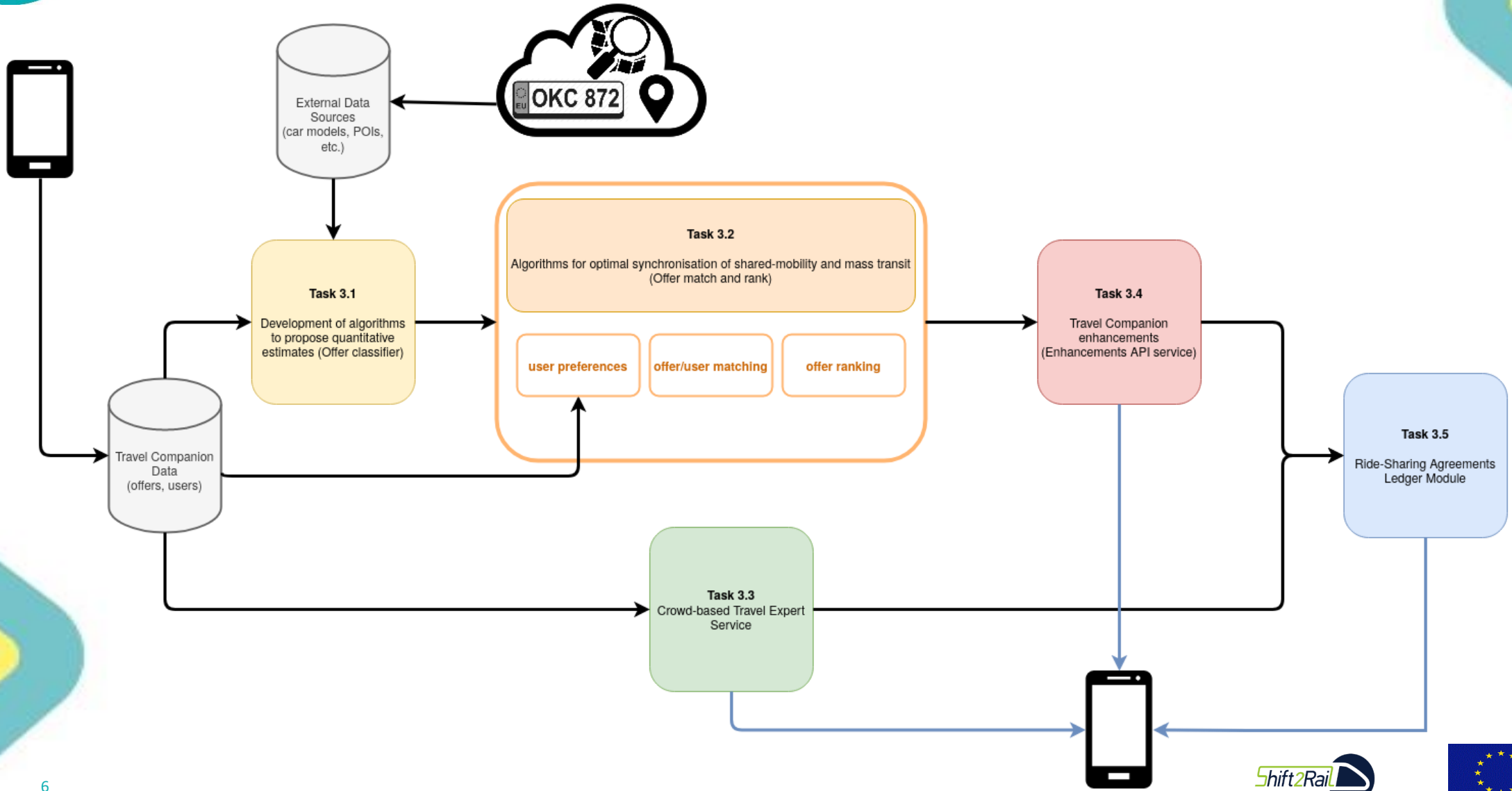
# RIDE2RAIL WP3: OBJECTIVES

- Automatic classifier of trips computed by Travel Experts.
- Automatic Itinerary composer to create full end-to-end mobility solutions by assembling classified itinerary offers.
- Trip Ranking module, which ranks classified trips according to the contextual preferences of users.
- Analytics module, which automatically learns and updates user preferences.
- Crowd-based Travel Expert generator allowing individuals, communities and/or Public Authorities to build, test and publish ride-sharing Travel Expert web services.
- Enhanced Travel Companion application.





# DATA FLOW





# TC → DC

09:12 66%

Travel Companion

Barcelona → Milan 🔍

Car ferry, train • 22h 36m



Drive • 9h 25m



Fly to Milan Linate • 6h 12m



Fly to Milan Bergamo • 5h 4m





# TC → DC

09:12 66%

Travel Companion

Barcelona → Milan

Car ferry, train • 22h 36m



Drive • 9h 25m



Fly to Milan Linate • 6h 12m



Fly to Milan Bergamo • 5h 4m



09:27 64%

← Car

Barcelona to Milan

## Journey overview



Approximate fuel cost: €122 - €177  
Price estimate does not include rental car fees and tolls

Become a driver, offer a ride-share >





# DRIVER COMPANION

- Sign-up as a driver
- Insert data about ride-share: start and end location, date and time, car model, etc.
- **Offer a ride**

19:27 64%

Driver Companion

Sign up once and watch any of our free demos.

Your Name  
Enter your Name

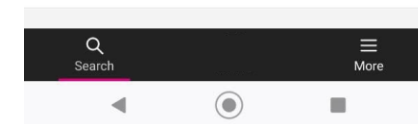
Your Email  
Enter your Email

Username  
Enter your Username

Password  
Enter your Password

Confirm Password  
Confirm your Password

Register





# TC INTEGRATION (I)

- Available TC applications

- **ATTRACKTIVE+COHESIVE**

- My-TRAC



- SocialCar





## TC INTEGRATION (II)

- Architectural analysis performed in D2.3
  - «All three surveyed systems adopt a “thin-client” approach» (D2.3)
  - Different possible development approaches depending on which application is selected.



# CONCLUSIONS

- Ride2Rail's WP3 will develop enhancements to the Shift2Rail Travel Companion
  - Enable green, personalized and effective car sharing
- Integration
  - Re-use outputs from previous projects to introduce our contributions in efficient ways
- Maintainability
  - Keep the code open source and well-documented, to make it reusable and extensible in future initiatives



## Thank you!

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