Digital door-to door solutions: 10 guiding principles for railways

Roundtable With Railways & Public Transport

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INTERNATIONAL UNION OF RAILWAYS

FONDAZIONE PER LO SVILUPPO SOSTENIBILE

SHARING MOBILITY
Osservatorio Nazionale

AGENDA

UITP

UITP SDC

UITP Recommendation & Challenges

Case Study - FNM Group

UITP

WHO WE ARE:

UITP (Union Internationale des Transports Publics) is the International Association of Public Transport and a passionate champion of sustainable urban mobility.

Established in 1885, with more than 135 years of history.

1800+
Member Companies

100+
Countries

16
Offices

We are the only worldwide network to bring together all public transport stakeholders and all sustainable transport modes.

WHAT WE DO:

We are working to enhance quality of life and economic well-being by supporting and promoting sustainable transport in urban areas worldwide.

ADVOCACY
We engage with decision makers & key international organisations to promote sustainable mobility solutions.

KNOWLEDGE
We inspire excellence and innovation by generating cutting-edge knowledge and expertise.

NETWORKING
We bring people together to exchange ideas, find solutions and forge partnerships.

UITP

UITP SDC

The **Sustainable Development Committee (SDC)** is one of UITP's working bodies.

SDC is at the heart of UITP's activities.

Operators, authorities and industry cooperate within UITP on all issues related to urban transport and sustainable development to support the positive contribution public transport makes to **Sustainable Development Goals**.
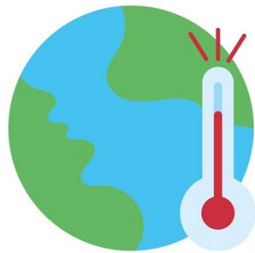
Activities include:

- Raise **awareness of corporate sustainability** (with a focus on Sustainable Development Goals)
- Support to **UITP's advocacy outreach activities** and **knowledge linked to the SDGs and climate change.**
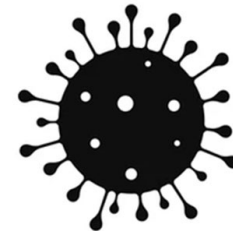
THEMATIC PRIORITIES:

Renewable energy and energy transition in Public Transport

Climate change mitigation, adaptation and resilience

Public transport contributing to the Sustainable Development Goals

Recovering and restoring trust in Public Transport following Covid-19

UITP Recommendation & Challenges

RECCOMENDATIONS

- Local and daily mobility
- Smart mobility solutions & digitilisation
- High quality interchanges
- Flexibility in the governance of transport services

CHALLENGES

1. Governance
2. Several integration dimensions
3. Integration for what policy goal?
4. Different integration models

CASE STUDY: FNM GROUP

Established in 1877, **FNM S.p.A.** ("FNM" or the "Group") is the **leading integrated sustainable mobility Group** in **Lombardy**.

It is the first organization in Italy to combine **railway infrastructure management** with **road transport** and **motorway infrastructure management**.

The aim of the Group is to propose an innovative model to **manage mobility supply and demand**, designed to support **optimization of flows** as well as **environmental and economical sustainability**.

CORE BUSINESS SEGMENT OVERVIEW

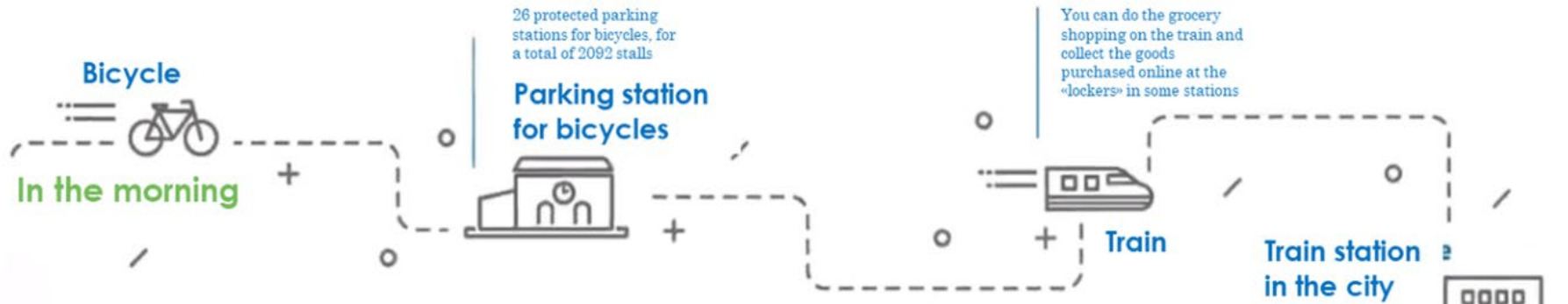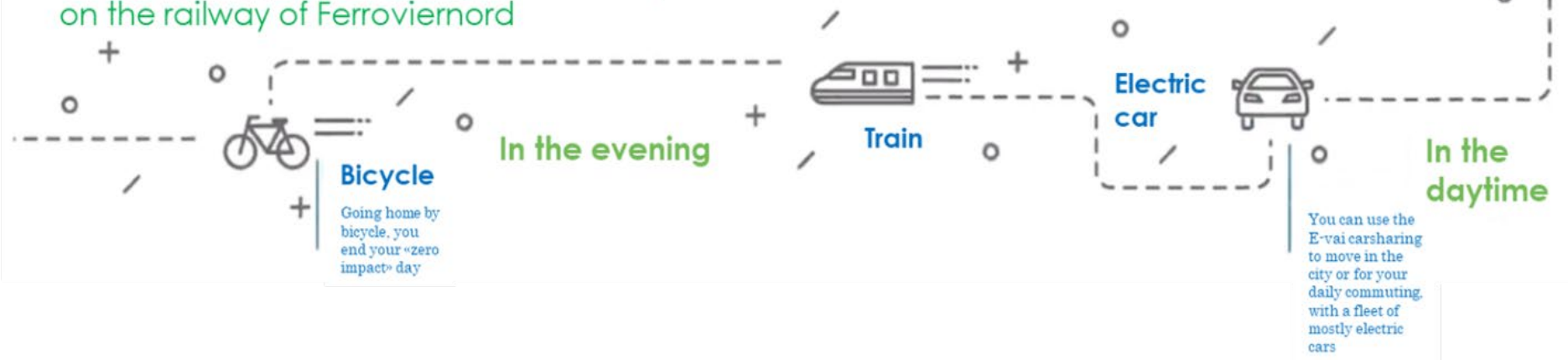| Ro.S.Co. & Service | Railway infrastructure management | Road passenger mobility | Motorway infrastructure management |

CASE STUDY: FNM GROUP

FNM la vita in movimento

26 protected parking stations for bicycles, for a total of 2092 stalls

You can do the grocery shopping on the train and collect the goods purchased online at the «lockers» in some stations

Bicycle

Parking station for bicycles

In the morning

Train

Train station in the city

2471 cameras installed for safety in the stations and the railway

THE PERFECT JOURNEY

A new concept of «zero impact» mobility on the railway of Ferroviernord

Bicycle

Going home by bicycle, you end your «zero impact» day

In the evening

Train

Electric car

In the daytime

You can use the E-vai carsharing to move in the city or for your daily commuting, with a fleet of mostly electric cars

MaaS: **Mobility as a Service (MaaS)** integrates various forms of transport services, through a joint digital channel, into a single mobility service accessible on demand. A MaaS operator facilitates a diverse menu of transport options to meet a customer's request, be they public transport, ride-, car- or bike-sharing, taxi or car rental/lease, or a combination thereof.

UITP

"POLLICINO" Project

Future mobility survey

The Pollicino (Future mobility Survey) project has been signed under the Collaboration Agreement between FNM - **Università degli Studi di Milano-Bicocca** in the areas of Corporate Social Responsibility, social innovation and sustainable development.

Mobility data is often called "geospatial trip data", but also "bread-crumb", which evokes the famous tale of Tom Thumb (in italian Pollicino).

The term **"mobility data"** describes the information generated by activities, events or transactions that use digitally enabled mobility devices or services.

The main objectives of Pollicino are:

- develop a new type of survey that describes the mobility of a group and a territory based on the use of a tracking App (Future mobility survey).

- improve the detail of travel information, compared to traditional mobility surveys, by collecting data on: short proximity journeys, linked journeys, combined or intermodal journeys, usage models (personal mobility/shared services).

Thank you

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