THE PEP Relay Race Rimini
Session 1 – Transport for sustainable Growth

FNМ & UITP

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AGENDA

• Reference Context
• Agenda 2030
• Sustainable Mobility for achieving SDGs
• UITP Sustainable Development Commission
• FNM Group and Sustainability Strategy
• Conclusion
Reference Context

GLOBAL TREND 2030

GLOBALIZATION AND NEW MARKETS
- Growth in exports and global GDP
- Role of BRICS
- International agreements

TECHNOLOGICAL INNOVATION
- Robotics
- Internet of things
- Life Sciences
- Digital community

SHARING GLOBAL RESPONSIBILITY
- Global cooperation between countries
- Role of NGOs
- Philanthropy
- SDGs

INCREASE IN THE GLOBAL EDUCATION RATE
- 55% of population obtaining a degree
- Decrease gap between man and woman education
- Increased demand for qualified personnel

CLIMATE CHANGE AND SCARcity OF RESOURCES
- Increased consumption of energy and water
- Increased demand for food
- Scarcity of commodities
- Increase in CO2 emissions
- Increasing global temperature
- Loss of biodiversity and climate tropicalization

DEMOGRAPHIC CHANGES
- Increase of global population
- Increased life expectancy
- Urbanization
- Millennials generation
- Migration flows
- Social trends
Reference Context
THE GLOBAL RISKS LANDSCAPE¹

COP 21 Paris Agreement

An agreement within the United Nation Framework Convention on Climate Change (UNFCCC) dealing with greenhouse gas emission mitigation, adaptation and finance starting in the year 2020.

European Directive 2014/95/UE

Directive on disclosure of non-financial information and diversity information, published at the end of 2014.

SDGs

Global Goals until 2030 set by the United Nations in 2015 covering a broad range of social and economic development issues.

“Laudato si” encyclical

The Pope criticises consumerism and irresponsible development, complains about environmental degradation and calls all people of the world to take “swift and unified global actions”\(^1\).

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17 Sustainable Development Goals and 169 targets, to reach 3 key milestones by 2030:

- put an end to extreme poverty
- fight inequality and injustice
- tackle climate change
SUSTAINABLE DEVELOPMENT GOALS (SDGs) – SDG 11

**Agenda 2030**

**SUSTAINABLE CITIES AND COMMUNITIES**

**11.2** By 2030, provide access to: safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons.

UN Secretary General’s High-Level Advisory Group on Sustainable Transport has recommended progress in three key areas:

- policy development and implementation;
- financing;
- and technological innovation.

Urban policies and public transport systems must be developed in an integrated way in order to achieve maximum impact.

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1 UN SG’s High Level Advisory Group on Sustainable Transport, Mobilizing Sustainable Transport for Development, 2016
AGENDA

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• Conclusion
Sustainable Mobility for achieving SDGs

SUSTAINABLE MOBILITY FOR ALL

Sustainable Mobility for All is a global partnership that aims to achieve sustainable mobility and helps implement SDGs.

4 PRIORITIES TO ACHIEVE SUSTAINABLE MOBILITY ON A GLOBAL LEVEL

Universal Access
Ensure that transport links people to jobs, schools and health care and ensure the provision of goods and services to rural and urban areas, while respecting equal opportunities.

Safety
Reduce accidents and fatal accidents caused by transport problems in all its forms (road, sea and rail).

Efficiency
Ensure that the increase in mobility demand is positively satisfied, taking into account all types of transport.

Environment
Reducing the environmental impact of the transport sector to combat climate change and pollution (noise and air pollution).

1 Sustainable Mobility for All (2017) GLOBAL MOBILITY REPORT 2017 Tracking Sector Performance (link)
Sustainable Mobility for achieving SDGs
THE STATE OF TODAY’S TRANSPORT SECTOR

GROWING DATA VOLUMES

By 2030, **annual passenger traffic** will exceed 80 trillion passenger-kilometers, a **50 percent increase** compared to 2015.

By 2030, **global freight volumes** will grow by **70 percent** compared to 2015.

By 2030, other **1.2 billion cars** will be on the road in the world.

In 2009, transport was responsible for **23 percent** of energy-related greenhouse gas emissions.

Energy related **CO₂ emissions** are expected to grow by **40 percent** (between 2013 and 2040) on average, 1.2 percent per year, under current policy scenarios (²).

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¹ Sustainable Mobility for All (2017) GLOBAL MOBILITY REPORT 2017 Tracking Sector Performance (link)
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UITP Sustainable Development Commission

THE AIM

- As the global champion of sustainable urban mobility, UITP, and its members, have been enthusiastically committed to helping communities advance towards the SDGs.

- UITP’s devotion to reach the SDGs is intrinsically linked to the Goal 11, and more precisely 11.2 which is directly linked and has a multiplier effect on Goal 13.
The Presidencies of the COP23 and COP24 climate have embarked on a year-long global consultation process for achieving greater climate action, called the ‘Talanoa Dialogue’.

COP24 will include the so-called ‘Facilitative Dialogue’ intended to support the implementation of national commitments and scale up ambition.

The Commissions in Dakar and in Milan have been organized in the spirit of Talanoa

Both the Commissions have been recognized by the UNFCCC Framework Convention on Climate Change, which identifies key country solutions to climate change.
UITP Sustainable Development Commission
UITP, WORLD HEALTH ORGANIZATION AND CLIMATE AND CLEAR ACT COALITION

• The main outcome from the *Milan Commission* is the partnership agreement between UITP, World Health Organization and the Climate and Clear Act Coalition (CCAC) that confirms the important role that public transport can play to protect the health of urban populations from the effects of air pollution.

• UITP has also announced the establishment of a ‘Health Cluster’, in the framework of the Mobility Champions Community launched earlier this year by UITP and United Cities and Local Governments (UCLG).

As cities will keep getting bigger, more health challenges will emerge for the population. Public transport is key to enable active modes and improve air quality.
The idea that equipping cities with integrated public transport would improve the life expectancy of their inhabitants is based on the premise that transport impacts people’s living conditions, which in turn will alter their choice and lifestyle.

What is now clear is that health is a local issue that depends on the way transport is organised at the city level, and more specifically on the extent to which local institutions integrate transport.
AGENDA

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• Conclusion
FNM Group and Sustainability Strategy

GROUP IDENTITY

THE GROUP

FNM is the main integrated Group in the rail and road transport industry in Lombardy and Northern Italy. Together with Trenord, it is the second most important Italian railway operator. Through its subsidiaries, the Group also operates in the field of Engineering, Infrastructural Design, Logistics, Electric mobility, Energy and ICT Systems.

VALUES

- Responsibility
- Integrity and transparency
- Efficiency
- Merit

MISSION

To change from regional railway transport service to a benchmark of integrated, sustainable and collective mobility, in all its forms

VISION

To develop synergy between all means of transport: from bicycles, to trains and road vehicles in order to guarantee an integrated transport service for people and freight.
FNM Group and Sustainability Strategy

THE NEW CONCEPT OF MOBILITY - THE IDEAL JOURNEY

The Ideal Journey

A new "zero-impact" mobility concept in the network of Ferrovienord

- **Bike**: Going back home using your bicycle to end your zero impact day
- **Train**: You can shop on-board and collect your on-line purchase at the "lockers" in some stations
- **Electric Car**: CCTV cameras installed to ensure safety in the stations
- **Security**: Car sharing to get around the city with E-Vai, the electric cars fleet

17 Bike stations with bike parkings for a total of 1,685 bike places

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In accordance with the Group’s business, FNM has defined the 2020 Sustainability Plan.

- **GOAL 1**: Establish a quality culture focused on the traveller.

- **GOAL 2**: Promoting an integrated sustainable mobility, encouraging the use of public transportation in order to improve the livability of the city, the region, quality of life and level of social inclusion.

- **GOAL 3**: Developing a strategic management of the environmental sustainability matters in order to minimize the Group’s impacts.

- **GOAL 4**: Developing a culture of social, economic and environmental sustainability.
Conclusion

The Nobel prize for economics is awarded for work on the climate and economic growth

Rethink the delivery of transport and mobility services.

This attitude, which resonates with the Nobel Prize in Economics that promotes nudging for a fairer and forgiving environment, will ensure that it is easy for everyone to adopt healthier habits, because we can’t count on people alone to make the right choice for their health.
THANKS FOR YOUR ATTENTION

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