



# EPN Consulting ITS & Sustainable Transport

Based in London. Engaged with Europe

**EPN Consulting**  
The European Professionals Network

## EPN Consulting is

- **Consultancy**
- **International Network of Professionals**

EPN Consulting Limited was founded in 2009 in London by Dr Ing Stefano Mainero who holds a 5-year degree in Electronics Engineering awarded by the *Politecnico di Torino* University (Italy) and has 25+ years of experience in Consultancy services.

Stefano is a specialist in European Business, European Projects, Intelligent Transport Systems & Sustainable Transport, MaaS and Smart Mobility in Smart Cities.

The EPN Consulting's core team is made of a selected group of high-level professionals with over 25 years of International experience to exceed Clients' expectations.

EPN Consulting is able to provide Clients with an exclusively tailored professional service that large consulting firms find hard to supply.

## About Us

**EPN** stands for European Professionals Network. **EPN Consulting** combines the consulting services with the network



# Consultancy

EPN Consulting offers the unique experience of **Consultancy services** joint to an **International Network of Professionals**

# Consultancy

EPN Consulting operates mainly in three areas: **EU Affairs, Sustainable Transport, Business Management & Strategies**

## EU Affairs

- European Funding & Policies
  - Assessment of Funding schemes available
  - Analysis of EU policies and their implementations
- European Projects
  - Advising on best calls for proposals
  - Assistance in preparing and submitting project proposals
  - Participation in project as active partner

## Sustainable Transport

- Intelligent Transport Systems
  - Urban, Inter-Urban, Extra-Urban transport
  - Public Transport
  - Logistics
  - Electronic Toll Collection
- Sustainable Tourism
- Mobility as a Service (MaaS)
- Smart Mobility in Smart Cities

## Business Management & Development Strategies

- Mentorship to companies' Owners/Directors/CEOs
- Assistance to SMEs and Large organisations on how to fund their growth potential
- Training Courses for professional development
- Knowledge Transfer techniques to increase productivity

# Sustainable Transport

EPN Consulting firmly believe **Intelligent Transport Systems** are the best solutions to improve the quality of life in our cities



# Intelligent Transport Systems & Smart Mobility in Smart Cities

## ITS applied to Urban Transport

- Urban Traffic Management
- Parking Management
- Urban Speed Control
- Congestion Charge
- Traffic & Parking Offences Detection and Management
- Multimodal Passengers Transport Hubs
- Electronic Fares Management
- Limited Traffic Zone
- Vehicle-to-Infrastructure communications (V2I)
- Vehicle-to-Vehicle communications (V2V)

## ITS applied to Public Transport (PT)

- PT Vehicles Fleet Management

- PT Service Information and Management
- Smart Ticketing
- Pre-trip, On-trip Passengers Information
- Multimodal Journey Planners
- Demand Responsive Transport

## Smart Cities

- Mobility as a Service (MaaS)
- Smart Cities / Transport side [ITS applied to numerous fields + e-Payments services + Electric Vehicles (EV) recharging Points Network, etc.]
- Urban ITS Architecture
- National ITS Architectures (e.g. E-FRAME)
- Additional examples of ITS Architectures in EU countries

# Intelligent Transport Systems & Smart Mobility in Smart Cities

## ITS applied to Logistics (Urban environment)

- Freight Consolidation Centres (from FCC to city centre)
- Automated Deliveries Management Systems (freight forwarders)
- Urban Freight Delivery
- Dangerous Goods Transport Management
- Parking Slot booking (i.e. CVIS project)

## ITS applied to Logistics (Long Corridors)

- Intermodal Freight Villages
- Freight Consolidation Centres (from long distance to FCC)
- HGVs Fleet Management
- HGVs Security Checks (before tunnels entrance)
- HGVs Safe Service Areas (i.e. Easyway project)

## ITS applied to Motorways

- Current tolling systems
- EETS (European Electronic Tolling Service)
- Traffic monitoring & Offence Detection Systems (i.e. triple technology radars)
- Active Traffic Management
- Journey Travel Times Prediction
- Journey Planners
- Variable Message Signs

# Sustainable Transport

## Sustainable Transport and Public Transport Projects

- Advice and support for establishing and funding projects
- Bus
- Rail
- Cycle hire

## Production of Sustainable Transport Plans (STPs)

## Production of Sustainable Urban Mobility Plans (SUMPs)

## Public Transport network planning

- Bus
- Rail

## Sustainable Tourism

- Bespoke Technical and Management Strategies for Sustainable Mobility & Tourism
- Awareness campaigns to use sustainable transport solutions

## Compared Assessment of existing and proven technological solutions

## Transport Policies Design and Human Factor Analysis



# Sustainable Transport - Bidding

**Identification of best practice exploited in EC projects to best suit Client's needs**

## **Obtaining funding for Sustainable Transport projects**

- Identifying funding opportunities from the European Commission or National/Regional Governments.
- Developing partnerships for bidding and delivery of projects across the public and private sectors
- Production of bidding documents and funding applications

**Transport projects co-funded by the European Commission**

- DG-RTD (Directorate General-Research and Technical Development)
- DG-MOVE (Directorate General-Mobility and Transport)
- DG-CNET (Directorate General-Connect)
- CINEA (European Climate, Infrastructure and Environment Executive Agency)
- EISMEA (European Innovation Council and SME Executive Agency)
- HEU (Horizon Europe)

# Sustainable Transport - Clients and USPs

Kinds of CLIENTS to benefit from EPN Consulting professional services:

- Local Authorities (Councils, Municipalities, Counties/Provinces etc.)
- Public Transport operators & Freight Forwarders
- Universities & Research Centres
- Small & Medium Enterprises (SMEs)
- Private organisations (any size) dealing with mobility/transport/policies

## The EPN Consulting USPs:

- We are an independent organisation not tied to any OEM – it guarantees the proposed solutions are genuinely chosen based on their effectiveness
- We are a multi-cultural company – having consultants and members scattered across Europe helps us keep an open and flexible mind
- We search for current or previous EC-funded projects solutions that could be applied to Clients' current needs – this helps make the Consulting Time more effective as some solutions could already have been found/applied somewhere else in Europe



# References

Selections of references concerning the **EU** **projects** and **Clients** EPN Consulting worked with/on

## Business references (a selection of EU projects)

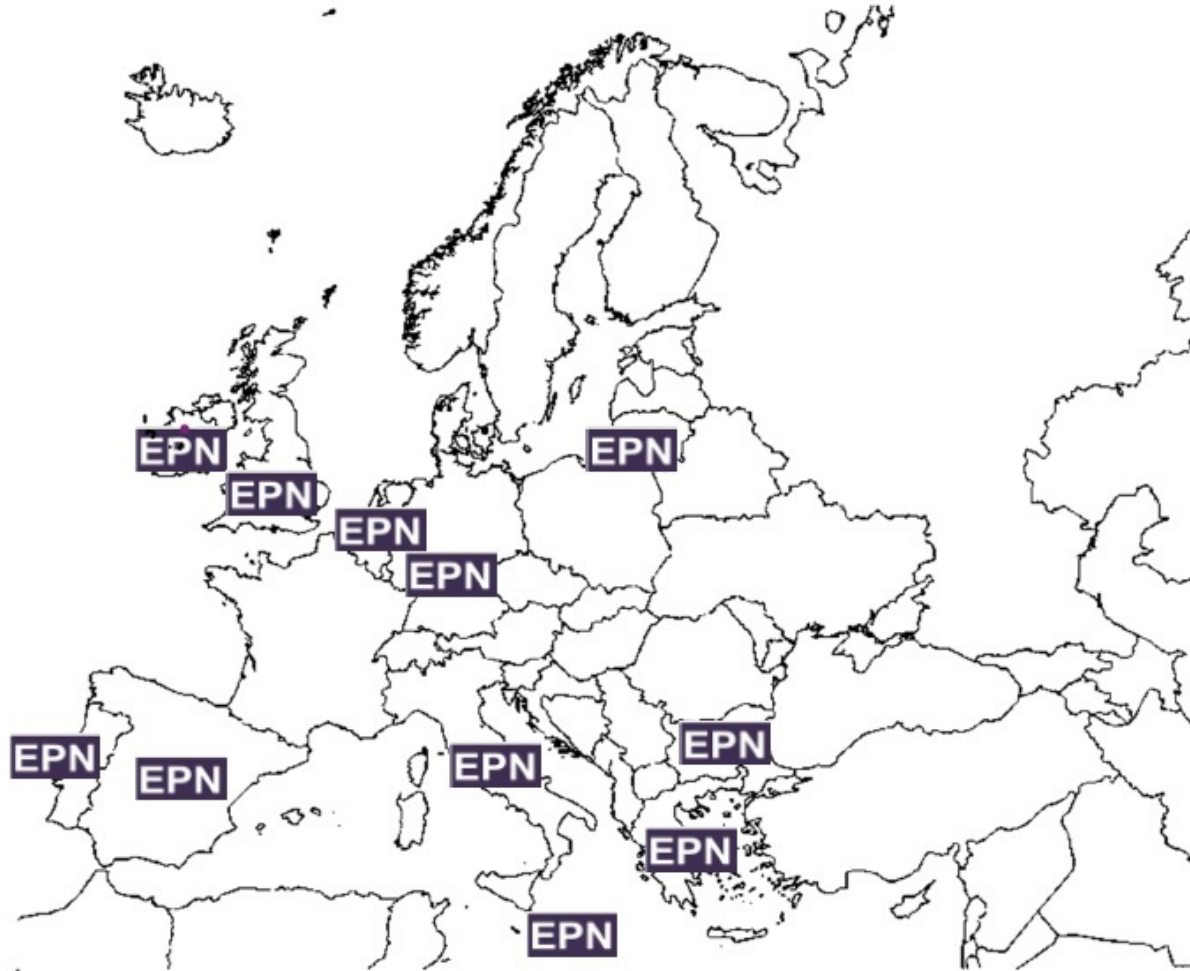
- **Collective Innovation to Fight Climate Change** (2020-2023) – Erasmus Plus – it aims to train educators on the topic of climate change and the UN SDGs, Upskill entrepreneurs and SMEs owners/ managers on how to use the innovation management process, Guide entrepreneurs and SMEs owners/ managers on becoming agents of change for transforming their business culture. **EPN Consulting's role:** Co-Ordinator and Final Conference Organiser - <https://fightclimatechange.earth/>
- **izSustainIT** (2019-2021) – “Impact Incubator for Nurturing Sustainability” – Erasmus Plus – The overall goal of the project is to maximise the understanding and transfer of knowledge on impact, impact investment and sustainability to tackle societal and environmental challenges. **EPN Consulting's role:** Co-Ordinator and Final Conference co-organiser – <https://izsustainit.eu/> ; <https://www.izsustainit.eu/impact-conference.html>
- **S.T.R.E.E.T.** (2015-2018) – “Sustainable Transport Education for Environment and Tourism” – Erasmus Plus –The project aimed to define a new professional profile, Expert for Sustainable Mobility and Tourism (ESMT) focused on two main fields: alternative mobility and sustainable tourism. **EPN Consulting's role:** Project Partner, Expert in EU Legislation on Sustainable Transport, Expert in Intelligent Transport Systems and Sustainable Urban Mobility Plans (SUMPs) – <http://www.streetproject.eu/> ; <https://thestreettoolbox.pressbooks.com/>
- **AQUASMART** (2015-2017) – “Aquaculture Smart and Open Data Analytics as a Service” – FP7-ICT – **EPN Consulting's role:** Advisory Board Member on Transport issues and Business development – [https://cordis.europa.eu/project/rcn/194237\\_en.html](https://cordis.europa.eu/project/rcn/194237_en.html)



## Business references (a selection of Clients)



# EPN Consulting's Clients location







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