



Stowarzyszenie Inicjatyw Kulturalno Młodzieżowych Art

"Switch To a Bike. Protect Your Home"



Współfinansowane
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Wierzchosławice 22-29.05.2023

Green Transport Practices in City Transportation

The best green transport practices and what can we can implement based on them:

Copenhagen, Denmark:

Copenhagen is renowned for its cycling infrastructure and commitment to sustainable transportation. The city has an extensive network of bicycle lanes and pedestrian-friendly streets, making cycling a popular mode of transportation. Additionally, Copenhagen's public transport system integrates buses, trains, and a metro system that runs primarily on renewable energy.



Zurich, Switzerland:

Zurich has a well-developed public transport system that includes trams, buses, and trains. The city prioritizes the use of renewable energy sources for its transport network, and the majority of its tram system operates on hydroelectric power. Zurich also implements efficient timetabling and ticketing systems, making public transport accessible and convenient.



Amsterdam, Netherlands:

Amsterdam is known for its bicycle-friendly culture and robust cycling infrastructure. The city has an extensive network of bike lanes and bicycle parking facilities. Additionally, Amsterdam's public transport system includes trams, buses, and ferries, with a commitment to utilizing electric buses and increasing the use of renewable energy.



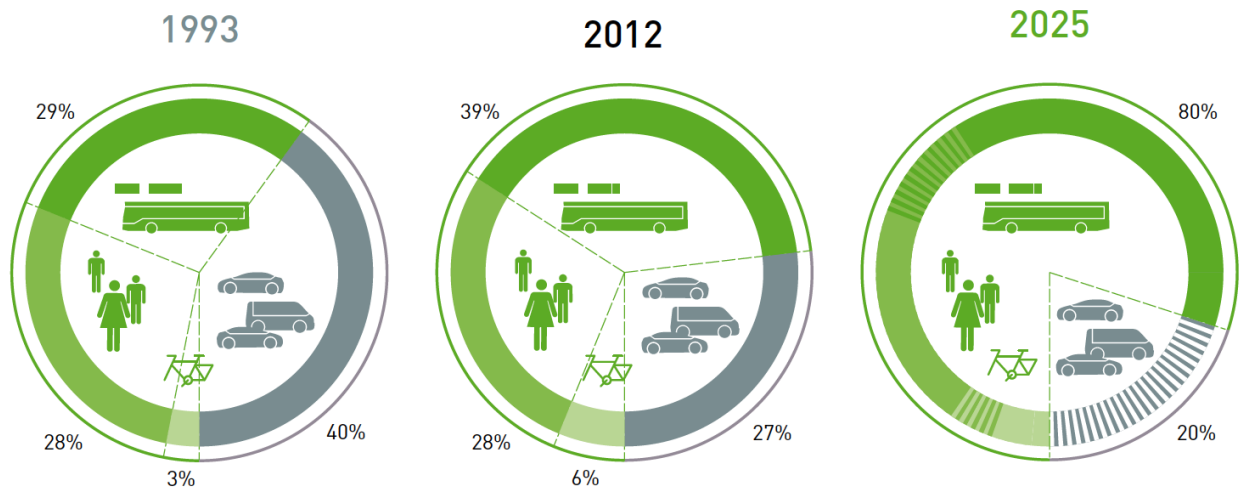
Stockholm, Sweden:

Stockholm has made significant investments in creating an eco-friendly public transport system. The city has an extensive network of buses, trams, and subway lines that run on renewable energy sources. Stockholm also implements congestion pricing to reduce car traffic and encourage the use of public transport and bicycles.



Vienna, Austria:

Vienna has an efficient and well-integrated public transport system that includes trams, buses, and underground trains. The city has been recognized for its commitment to sustainability, with a focus on expanding green spaces and promoting the use of public transport. Vienna's public transport operates on green electricity, and the city is continually working to improve its infrastructure.

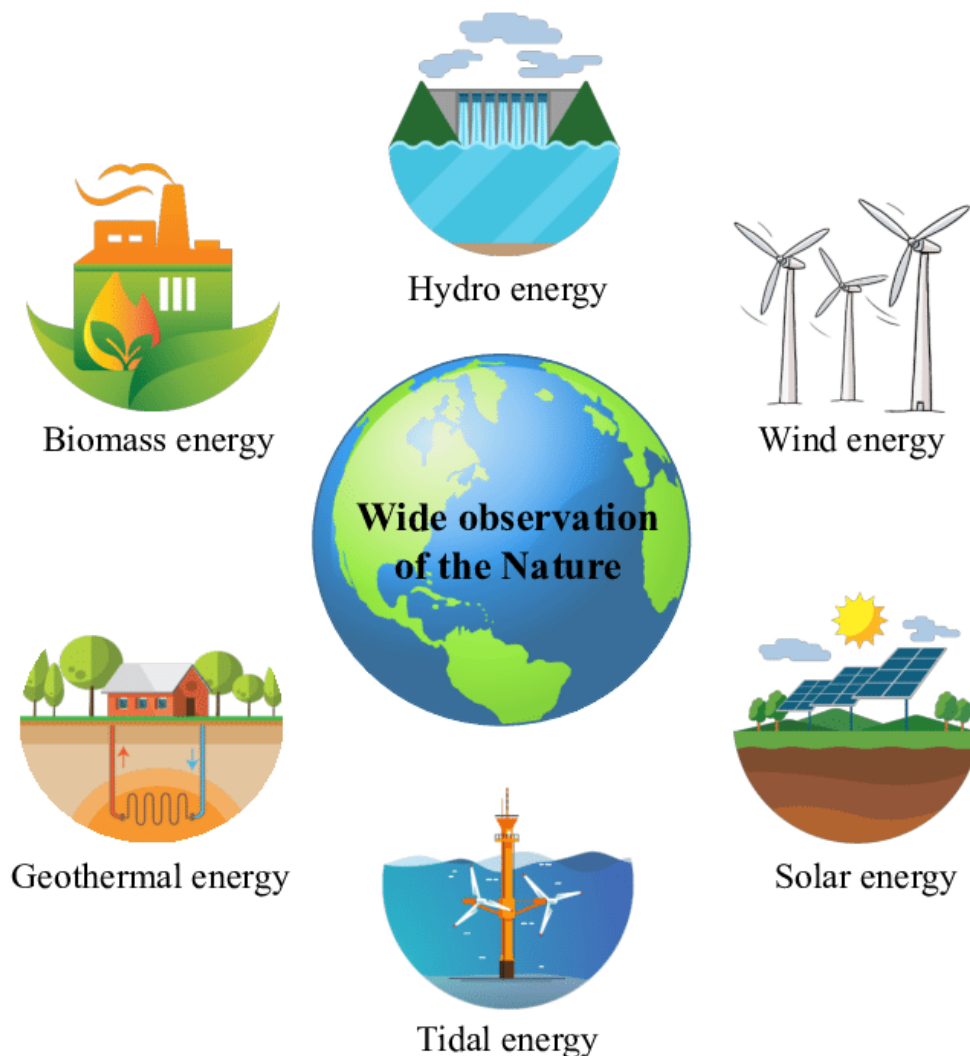


Based on the practices we saw in the cities mentioned above we can single out what they did:

- **Electrification:** Many European cities have transitioned their public transport fleets from fossil fuel-powered vehicles to electric vehicles (EVs). Electric buses, trams, and trains are being increasingly used to reduce emissions and improve air quality. Charging infrastructure is being developed to support the operation of electric vehicles.



- **Renewable Energy Sources:** Public transport systems in Europe are striving to power their operations with renewable energy sources. This includes sourcing electricity from renewable sources such as wind, solar, hydroelectric, and geothermal power. By using green energy, the carbon footprint of public transport is significantly reduced.



- **Modal Integration:** European cities aim to provide seamless and integrated transport networks. This involves coordinating different modes of transport, such as buses, trams, trains, and bicycles, to provide efficient and convenient connections. Integrated ticketing systems and shared mobility services encourage passengers to choose sustainable options and reduce reliance on private vehicles.



- **Smart Technology and Data:** Public transport systems in Europe utilize smart technology and data analytics to optimize operations and improve efficiency. This includes real-time passenger information systems, predictive maintenance, and intelligent traffic management systems. By optimizing routes, reducing wait times, and minimizing delays, public transport becomes more sustainable.

📺 Fungal Intelligence: Lead the way to improved technological systems

- **Cycling Infrastructure:** Many European cities promote cycling as a sustainable mode of transportation. They invest in building extensive cycling infrastructure, including dedicated bicycle lanes, bike-sharing programs, and secure bicycle parking facilities. By encouraging cycling, public transport systems complement sustainable mobility and reduce congestion.



- **Sustainable Stations:** European public transport systems focus on creating environmentally friendly and energy-efficient stations. This includes incorporating renewable energy generation on station roofs, energy-efficient lighting, rainwater harvesting systems, and green spaces around stations. Sustainable station designs prioritize the use of eco-friendly materials and technologies.



- **Emission Reduction Initiatives:** Public transport operators in Europe implement various emission reduction initiatives. This includes retrofitting existing vehicles with cleaner engines or emission control systems, adopting low-carbon fuels, and implementing eco-driving practices. Some cities have even set targets to completely phase out diesel buses and transition to zero-emission fleets.





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**Enterprising Partners (Lithuania)
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Youth for Experience - Slovakia (YES) (Slovakia)
Silesian Society for Solidarity z.s. (Czech Republic)
Ötszázalék Egyesület (Hungary)
REGIONALAS ATTISTIBAS UN SOCIALO INICIATIVU ORGANIZACIJA PERSPEKTIVA (Latvia)**

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