DESIGNING

THE SMART CITY OF THE FUTURE

IES FRANCESC FERRER I GUÀRDIA STUDENTS RECOMMENDATIONS





GREEN SCHOOLS

An eco-friendly school should promote:

- Empowering students to make a positive impact on the environment.
- Sustainable transportation (like bikes, public services)
- School's cafeteria with fresh and locally-sourced products
- Zero waste culture
- 0 carbon emissions installing solar power integration



TRANSPORT

We need to foster:

- Promotion of public transport networks,
- Encouraging sustainable mobility and built more bike
- Design of Pedestrian and Low-Emission Zones
- Introduce Vehicle Restriction Policies
- Reduce traffic congestion and carbon emissions,
- Improve urban air quality.



HABITAT

- Cities should start designing natural climate shelters to face the increasing challenges of extreme weather conditions.
- Climate shelters are crucial in mitigating the impacts of extreme heatwaves, heavy rains, and other climatic challenges brought about by climate change.
- They contribute to maintain public health



WASTE MANAGEMENT

- Promoting zero waste initiative: reduce, reuse and recycle.
- Use intelligent containers.
- Reduce waste with the help of machines.
- Boost the efficiency of sorting plants





ENERGY

Innovative energy sources and smart technologies should transform urban landscapes, creating sustainable and efficient cities of the future.

Cities need to design a Climate Neutrality Strategy and to promote the development of local energy communities.





EUROPEAN GREEN CAPITAL

Grenoble and València are an inspiration for those cities aiming to be environmentally responsible taking into account initiatives as:

- Promoting Sustainable Tourism
- Cultivating Green Spaces
- Promoting Sustainable Mobility
- Leading the Renewable Energy Transition
- Planning a Zero-Waste Future
- 0 KM Food Systems
- Building Climate Resilience

