

# Green school for a brighter future

Poljica and Dračevac Ninski are part of the agricultural oasis of Zadar hinterland (Ravni Kotari). They are under the influence of Velebit mountain and the Adriatic Sea. There are two district schools and many students travel from Poljica and Dračevac Ninski to Bartul Kasic Elementary School in Zadar. The two schools are presented here.

The schools are renovated – new windows, sanitary facilities and electrical system, new rooftop and rainwater collector – in order to be more water and energy efficient.



## Self-sustaining school

Since central school along with the district schools have over 1000 pupils it would be easier to produce our own eco-food – fruit, vegetables, olive oil, honey etc.



Vegetable garden



Apple and cherry orchard  
Olive grove  
Greenhouses



Bee colony



**Rainwater harvesting** is also very important since it would be used for irrigation and school maintenance.

## Transport

It is important to use environmentally friendly transport, thus our goal is to introduce all students with the importance of using a bike, walking to school etc. We would enable them with multiple bike racks, as well as electric bus that would transport students to the central building in Zadar. We would also include electric food delivery vehicle to deliver fresh food to all school buildings.



Electric bus



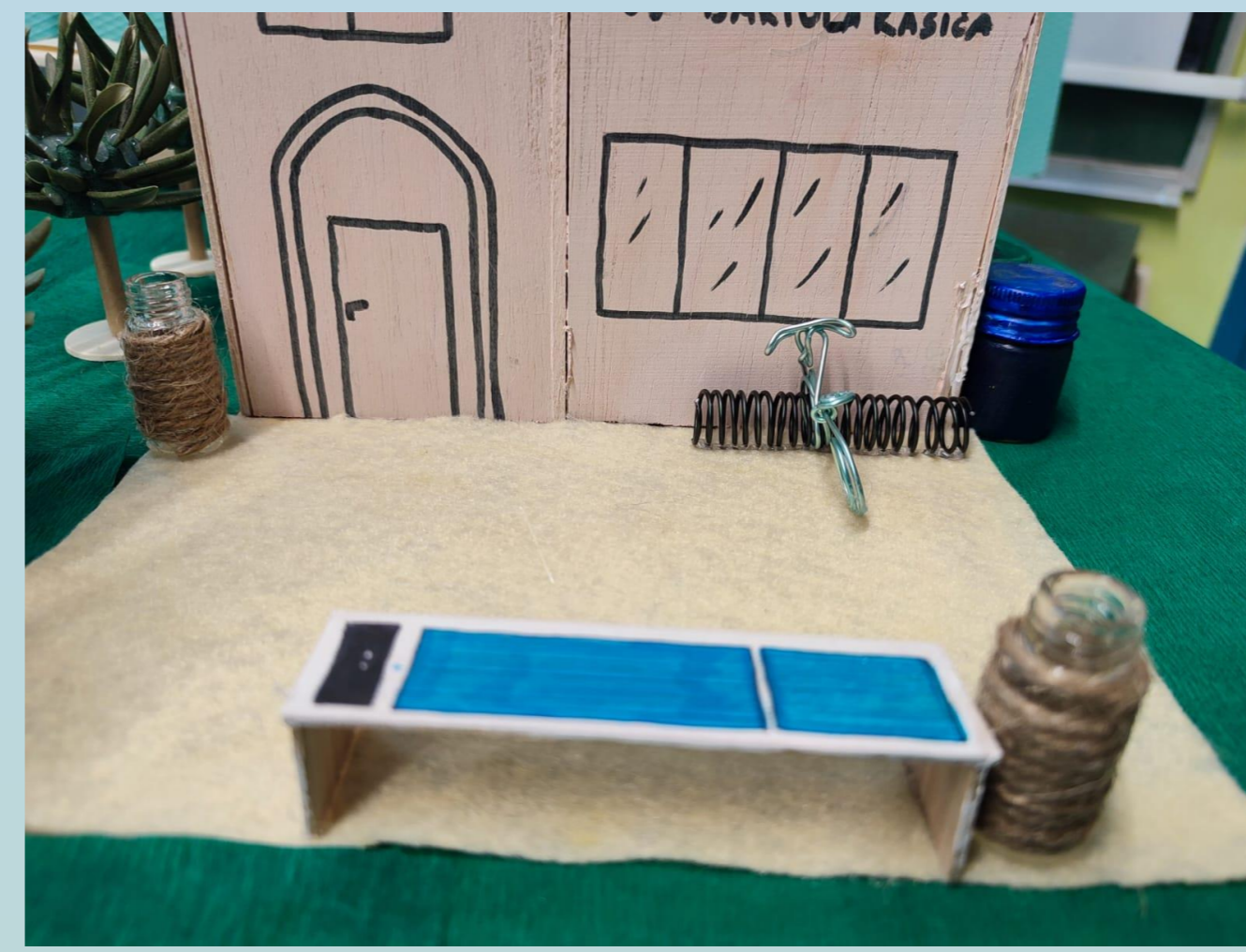
Bike rack - bikes



Electric food delivery vehicle

## Renewable energy

We would turn to solar panels to save energy since the climate is perfect for that and there are a lot of sunny days throughout the year in this area. Also, the schools are in the perfect position for using wind power to produce electricity.



Solar benches in front of the schools



Solar panels on the rooftop



Solar lamps in front of the schools



Electric bus and solar panels on the roof



Wind turbines

## Recycling

Including recycling bins and teaching children about recycling, separating waste and reusing materials are key to maintaining clean, healthy and sustainable environment.



Recycling bins



Composters